Baseline Water Quality Data

Inventory and Analysis

Indiana Dunes National Lakeshore



Water Resources Division and Servicewide Inventory and Monitoring Program

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

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BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

INDIANA DUNES NATIONAL LAKESHORE

National Park Service
Water Resources Division
Fort Collins, CO 80525

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EXECUTIVE SUMMARY

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

The results of the retrieval for the INDU study area from the IFD, DRINKS, and GAGES databases located 46 industrial dischargers, 3 drinking water intakes, and 9 active or inactive U. S. Geological Survey gaging stations. The results of the STORET retrieval for the study area yielded 165,608 observations for 743 separate parameters collected by 5 federal and state government agencies at 337 monitoring stations. Of the 337 monitoring stations, 63 were used for monitoring bottom deposits or fish tissue, 27 contained data not suitable for statistical analysis, 15 were established but contained no data, and 232 were used for water quality monitoring. Of the 232 water quality monitoring stations, 19 are monitoring wells or drive points, and the remainder are surface water stations. Fifty stations yielded data collected within the park boundary. Most of the sampling stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Thirty-one stations within the study area yielded longer-term records consisting of multiple observations for several important water quality parameters. Twelve stations yielding longer-term records within the park are: (1) SE Inlet Pinhook Bog Bog near Pinhook, Indiana; (2) NE Inlet Pinhook Bog near Pinhook, Indiana (INDU 0003); (3) Pinhook Bog NE near Pinhook, Indiana (INDU 0004); (4) Kintzele Ditch at US Hwy 12 at Pines, Indiana (INDU 0055); (5) Cowles Bog at 100 W Road at Dune Acres, Indiana (INDU 0093); (6) W Inlet Cowles Bog at Dune Acres, Indiana (INDU 0098); (7) East Side Inter-Dunal Pond C at Dune Acres, Indiana (INDU 0105); (8) Inter-Dunal Pond C at Dune Acres, Indiana (INDU 0112); (9) Inter-Dunal Pond B at Dune Acres, Indiana (INDU 0126); (10) Well #G-1 Near NIPSCO Ash Pond (INDU 0135); (11) Little Calumet River-Porter at Mile Point 38.56 (INDU 0140); and (12) Little Calumet River near McCool, Indiana (INDU 0151)[†]. Nineteen stations yielding longer-term records within the study area, but outside of the park bounary are: (1) Trail Creek at Michigan City Mile Point 1.00 (INDU 0009); (2) Trail Creek at Michigan City Mile Point 0.5 (INDU 0030); (3) Lake Michigan Off Kientzele Ditch (INDU 0048); (4) Brown Ditch at US Hwy 12 at Pines, Indiana (INDU 0063); (5) Little Calumet River at Porter, Indiana (INDU 0094); (6) Bethlehem Steel Culvert at Dune Acres, Indiana (INDU 0103); (7) Shallow Well 106 at Dune Acres, Indiana (INDU 0116); (8) NIPSCO Ash Pond No. 4 at Dune Acres, Indiana (INDU 0122); (9) Salt Creek-Portage US Hwy 20 Bridge Mile Point 1 (INDU 0143); (10) Burns Ditch Crisman Road SR249 1.48 Mi From Lake Michigan (INDU 0169); (11) Burns Ditch Truck Bridge 0.72 Mi From Lake Michigan (INDU 0179); (12) Burns Ditch at Mouth of Lake Michigan (INDU 0184); (13) South Shore Lake Survey Station (INDU 0190); (14) Burns Ditch Portage Boat Yard 2.64 Mi From Lake Michigan (INDU 0208); (15) South Shore Lake Survey Station (INDU 0271); (16) Lake Michigan at Gary (INDU 0298); (17) Grand Calumet-Gary Bridge Street, Br Mile Point 42 (INDU 0321); (18) Grand Calumet R. and Penna RR (INDU 0328); and (19) Grand Calumet & Industrial, US Hwy 12 at Mile Point 18.4 (INDU 0331).

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

Screening criteria consisting of published EPA water-quality criteria and instantaneous concentration values selected by the WRD were used to identify potential water quality problems within the study area. While the criteria represent important threshold concentrations of pollutants, it is important to remember that criteria may have been exceeded due to any number of natural or anthropogenic factors, including errors in field, laboratory, and/or recording procedures. The reader is advised to read the Introduction for additional caveats in interpreting the exceeded criteria in this report. The results of the INDU water quality criteria screen found 23 parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, cyanide, chloride, arsenic, cadmium, chromium, copper, lead, silver, zinc, selenium, mercury, E. coli, and bis (2-ethylhexyl) phthalate exceeded their respective EPA acute or chronic criteria for the protection of aquatic life. Nitrate, nitrite plus nitrate, sulfate, arsenic, cadmium, chromium, copper, lead, nickel, silver, selenium, and mercury exceeded their respective EPA drinking water criteria. Indicator bacteria (total and fecal coliform) concentrations and turbidity exceeded the WRD screening limits for primary-body contact recreation and aquatic life, respectively.

Dissolved oxygen concentrations were measured 6132 times (6116 observations were used in the criteria analysis; see Introduction for explanation) at 139 monitoring stations throughout the study area from 1958 through 1992. Two-hundred-eighty-seven observations at 43 monitoring stations were below the 4 milligrams per liter (mg/L) EPA criterion for the protection of freshwater aquatic life. The criterion was exceeded in lakes, bogs, power-plant ponds, inter-dunal ponds, ditches, and rivers receiving industrial effluents, and monitoring wells.

The pH was measured 10,364 times at 209 monitoring stations throughout the study area from 1962 through 1992. Two-hundred-seventy-six observations at 60 monitoring stations were outside the pH range of 6.5 to 9.0 standard units (EPA chronic criteria for freshwater aquatic life). Seventeen observations were greater than or equal to pH 9.0 and 259 were less than or equal to pH 6.5. The criteria were exceeded throughout the study area.

Turbidity was measured 2118 times (2117 observations were used in the criteria analysis; see Introduction for explanation) at 32 monitoring stations from 1958 through 1991. The WRD screening criterion of 50 JTU/FTU was exceeded 252 times at 10 stations in Trail Creek at Michigan City (INDU 0009, INDU 0030), Little Calumet River (INDU 0140), Salt Creek-Portage (INDU 0143), Burns Ditch (INDU 0169, INDU 0179, INDU 0184, INDU 0208), Lake Michigan at Gary (INDU 0298), and Grand Calumet River (INDU 0331).

Total coliform concentrations were determined 1759 times at 53 monitoring stations from 1965 through 1985. One-thousand-two-hundred-forty-five observations at 32 stations exceeded the 1000 CFU/MPN per 100 ml criterion. Fecal coliform concentrations were determined 2749 times (2748 observations were used in the criteria analysis; see Introduction for explanation) at 49 stations from 1967 through 1991. One-thousand-four-hundred-forty-one observations at 33 stations exceeded the 200 MPN/CFU per 100 ml criterion. E. Coli concentrations were determined 384 times at 8 monitoring stations from 1988 through 1992. Two-hundred-seventy observations at 8 stations exceeded the acute freshwater criterion of 126 CFU per 100 ml. Indicator bacteria concentrations exceeded criteria throughout the study area.

Nitrate concentrations (including total and dissolved as N) were measured 1173 times at 44 monitoring stations from 1962 through 1978. Twelve observations (11 dissolved and 1 total concentration) exceeded the drinking water criterion of 10 mg/L in Trail Creek at Michigan City (INDU 0009) and Grand Calumet River (INDU 0328).

Nitrite plus nitrate concentrations (including total and dissolved as N) were measured 2524 times at 107 monitoring stations from 1964 through 1992. One total concentration at Near-Shore Station-54 in Lake Michigan (INDU 0201) exceeded the drinking water criterion of 10 mg/L.

Total sulfate concentrations were measured 4434 times at 192 monitoring stations from 1955 through 1992. The proposed drinking water criterion of 400 mg/L was exceeded 47 times at 16 monitoring stations. The criterion was exceeded at 15 stations in the vicinity of Northern Indiana Public Service Company (NIPSCO) and Bethlehem Steel (INDU 0103, INDU 0117, INDU 0118, INDU 0120, INDU 0122, INDU 0123, INDU 0124, INDU 0126, INDU 0127, INDU 0128, INDU 0129, INDU 0130, INDU 0133, INDU 0134, INDU 0135). These stations

include drive points, monitoring wells, interdunal ponds, and ash settling ponds. One observation exceeded the criterion in the Grand Calumet River (INDU 0331).

Total chloride concentrations were measured 4734 times at 198 monitoring stations from 1935 through 1992. The acute freshwater criterion of 860 mg/L was exceeded twice at two monitoring stations (INDU 0005, INDU 0228).

Total residual chlorine concentrations were measured 77 times at 4 monitoring stations during 1972 and 1973. The acute marine criterion of 0.013 mg/L was exceeded 25 times at NIPSCO Michigan City (INDU 0044, INDU 0045).

Bis (2-ethylhexyl) phthalate concentrations were measured 94 times at 8 monitoring stations from 1973 through 1992. One observation in Burns Ditch (INDU 0179) exceeded the proposed acute freshwater criterion of 400 µg/L.

Total cyanide concentrations were measured 3478 times at 74 monitoring stations from 1960 through 1992. The acute freshwater criterion of 0.022 mg/L was exceeded 468 times at 14 monitoring stations including Trail Creek at Michigan City (INDU 0009, INDU 0030), Bethlehem Steel Chesterton (INDU 0144, INDU 0145, INDU 0147, INDU 0148), Burns Ditch (INDU 0169, INDU 0179, INDU 0184, INDU 0208), Grand Calumet River (INDU 0321, INDU 0328, INDU 0331), and Midwest Steel Portage (INDU 0173).

Arsenic concentrations (including total inorganic, dissolved, suspended, and total arsenic) were measured 1452 times at 74 monitoring stations from 1962 through 1992. The total arsenic concentration exceeded the drinking water criterion of 50 µg/L once in ash fill runoff near Pines, Indiana (INDU 0065). Dissolved arsenic concentrations exceeded the drinking water criterion twice in wells near NIPSCO ash ponds (INDU 0128, INDU 0135). Total inorganic arsenic concentrations exceeded the drinking water and acute freshwater (360 µg/L) criteria 15 times in the Grand Calumet River (INDU 0331).

Cadmium concentrations (including dissolved, suspended, and total cadmium) were measured 1315 times at 94 monitoring stations from 1962 through 1992. Of the cadmium observations used in the criteria analysis (see Introduction for explanation), total cadmium concentrations exceeded the acute freshwater criterion of 3.9 µg/L and the drinking water criterion of 5.0 µg/L 264 and 261 times, respectively, at 8 monitoring stations in Trail Creek (INDU 0009, INDU 0030), NIPSCO Ash Pond No. 1 (INDU 0134), Burns Ditch (INDU 0169, INDU 0179, INDU 0184, INDU 0208), and Grand Calumet River (INDU 0331). Dissolved cadmium concentrations exceeded the acute freshwater and drinking water criteria 37 and 35 times, respectively, at 9 monitoring stations near NIPSCO (INDU 0113, INDU 0116, INDU 0122, INDU 0123, INDU 0124, INDU 0126, INDU 0129, INDU 0130, INDU 0134).

Chromium concentrations (including dissolved, suspended, hexavalent, and total chromium) were measured 3966 times at 110 monitoring stations. Total chromium concentrations exceeded the drinking water criterion of 100 µg/L 13 times at 6 monitoring stations in Trail Creek (INDU 0009), Burns Ditch (INDU 0169, INDU 0184, INDU 0208), and the Grand Calumet River (INDU 0328, INDU 0331). Hexavalent chromium concentrations exceeded the drinking water and acute freshwater (16 µg/L) criteria 15 and 17 times, respectively, in Burns Ditch (INDU 0179) and the Grand Calumet River (INDU 0331).

Copper concentrations (including dissolved, suspended, and total copper) were measured 1228 times at 108 monitoring stations from 1962 through 1992. Total copper concentrations exceeded the acute freshwater criterion of 18 µg/L and the proposed drinking water criterion of 1300 µg/L 295 and 17 times, respectively, at 11 monitoring stations (INDU 0009, INDU 0030, INDU 0115, INDU 0131, INDU 0134, INDU 0169, INDU 0184, INDU 0208, INDU 0294, INDU 0328, INDU 0331). Dissolved copper concentrations exceeded the acute freshwater criterion 17 times at 3 monitoring stations near NIPSCO (INDU 0123, INDU 0130, INDU 0134). Suspended copper concentrations exceeded the acute freshwater criterion 3 times in samples from monitoring wells (INDU 0115, INDU 0131).

Lead concentrations (including dissolved, suspended, and total lead) were measured 1637 times at 113 monitoring stations from 1962 through 1992. Of the lead observations used in the criteria analysis (see Introduction for explanation), the proposed drinking water criterion of 5 µg/L and the acute freshwater criterion of 82 µg/L were exceeded 925 and 27 times, respectively, at 41 monitoring stations throughout the study area.

Nickel concentrations (including dissolved, suspended, and total nickel) were measured 1050 times at 75 monitoring stations from 1962 through 1992. Dissolved concentrations exceeded the proposed drinking water criterion of 100 µg/L 11 times at 3 monitoring stations in NIPSCO ash settling ponds (INDU 0123, INDU 0130, INDU 0134). The total concentration exceeded the criterion once in Burns Ditch (INDU 0184).

Silver concentrations (including dissolved, suspended, and total silver) were measured 521 times at 44 monitoring stations from 1962 through 1992. Of the silver observations used in the criteria analysis (see Introduction for explanation), one total silver concentration exceeded the drinking water criterion of 50 µg/L and the acute freshwater criterion of 4.1 µg/L in Trail Creek at Michigan City (INDU 0009).

Zinc concentrations (including dissolved, suspended, and total zinc) were measured 1138 times at 79 monitoring stations from 1962 through 1992. The acute freshwater criterion of 120 µg/L was exceeded 218 times at 24 stations throughout the study area.

Selenium concentrations (including dissolved, suspended, and total selenium) were measured 515 times at 57 stations from 1962 through 1992. The total selenium concentration exceeded the acute freshwater criterion of 20 µg/L and the drinking water criterion of 50 µg/L once in Burns Ditch at a truck bridge 0.72 mi. from Lake Michigan (INDU 0179).

Mercury concentrations (including dissolved, suspended, and total mercury) were measured 1330 times at 93 monitoring stations from 1970 through 1992. Total mercury concentrations exceeded the drinking water criterion of 2.0 µg/L and the acute freshwater criterion of 2.4 µg/L 10 and 7 times, respectively, in Trail Creek at Michigan City (INDU 0009), Burns Ditch (INDU 0179, INDU 0184), and the Grand Calumet River (INDU 0321, INDU 0331).

The IDEA conducted for INDU indicates that STORET data exists for all Level I parameter groups in the park. Sufficient quantities of timely data were retrieved for most of the required chemical parameters. Results for about 95 of the 127 EPA priority toxic pollutants (including inorganic parameters, general organics, pesticides, and PCB's) were retrieved from STORET. The organic, pesticide, and PCB data were primarily from 7 stations (INDU 0009, INDU 0028, INDU 0030, INDU 0179, INDU 0191, INDU 0270, INDU 0321).

Surface water resources in the INDU study area include Lake Michigan, Calumet River, Portage/Burns Waterway, and various lakes, smaller ponds, and scattered wetlands. Many of the hydrologic processes in the area have been altered by metropolitan, industrial and agricultural developments. Therefore, water quality has been impacted by sources such as industrial and sewage effluents, stormwater runoff from roads and parking lots, and atmospheric sulfur and nitrous oxides. Based on the data inventories and analyses contained in this report, surface water quality within the study area is typical of that found in highly developed areas.

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INTRODUCTION

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

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

Goal

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

Purpose

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

Objectives

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

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

2. Develop a complete inventory of all retrieved data;

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

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

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

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

Document Overview

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

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

Caveats

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

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

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

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

Key Personnel

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

National Park Service, Water Resources Division:

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

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

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

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

Julie Mattick and Scott Grover helped prepare the report, write the Executive Summary, and produce the seasonal hydrograph.

Joe Gregson provided digital cartographic support, both in determining retrieval/query areas and producing graphics.

Jacquie Nolan designed the cover and provided publications support.

Horizon Systems:

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

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

Kendrick Gordon served as the Production Technician and was responsible for executing the software and procedures to produce the park unit chapters.

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

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

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

Other National Park Service:

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

METHODOLOGY

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

Delineation of Park Study Area

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

Data Sources

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

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

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

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

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

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

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

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

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

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

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

Data Retrieval and Analysis Procedures

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

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

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

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

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

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

Park Unit Databases

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

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

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

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

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

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

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

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

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

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

Screening Methodologies and Procedures

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

STORET Edit Criteria

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

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

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

Date Screen

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

Station Type Screen

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

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

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

Phase 0 Parameter Screen

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

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

Phase 1 Parameter Screen

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

Media Type Screen

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

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

Remark Code Screen

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

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

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

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

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

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

Composite Type Screen

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

Table D. Possible STORET Composite Type Codes

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

Phase 2 Parameter Screen

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

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

Observations/Period of Record Screen

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

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

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

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

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

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

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

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

Statistical Definitions

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

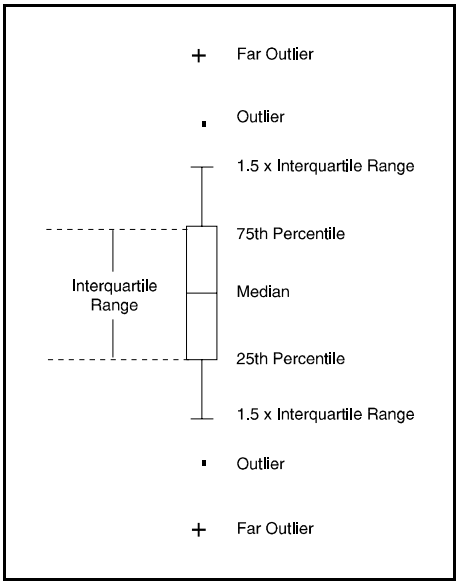
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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

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

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

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



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

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

Overview

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

Regional Location Map

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

Water Quality Monitoring Locations Map(s)

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

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

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

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

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

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

Representative Mean Annual Hydrograph for Seasonal Analysis

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

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

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

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

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

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

Contacts for Agency Codes Retrieved

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

Quantity of Data Retrieved by Agency Code

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

Station Period of Record Tabulation

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

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

Parameter Period of Record Tabulation

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

Station/Parameter Period of Record Tabulation

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

Station-By-Station Results

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

Station Inventory for Station

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

Parameter Inventory for Station

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

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

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

EPA Water Quality Criteria Analysis for Station

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

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

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

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

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

Time Series Plots for Station

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

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

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

Annual Analysis for Station

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

Annual Box-and-Whiskers Plots for Station

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

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

Seasonal Analysis for Station

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

Seasonal Box-and-Whiskers Plots for Station

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

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

EPA Water Quality Criteria Analysis for Entire Park Study Area

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

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

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

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

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

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

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

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

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

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

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

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

Water Quality Observations Outside STORET Edit Criteria for Park

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

WATER QUALITY RESULTS

OVERVIEW FOR INDU[1]

Study Area Boundary Description

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

	Study Area	Park
GIS Estimated Acreage:	119155	15661
# STORET Stations:	337	50
# Stations With No Data:	15	0
# Stations With No Stat. Analysis:	27	0
# Longer Term Stations:	31	12
Date of STORET Retrieval:	05/27/93	05/27/93
Period of Record:	04/29/35-07/28/92	05/17/67-07/27/92
# Parameters Measured:	743	226
# Water Quality Observations:	165608	13610
# Industrial/Municipal Facilities:	46	0
# Drinking Water Intakes:	3	0
# Water Gages:	9	0
# Water Impoundments:	3	0
# Total Plots:	90	0
# Time Series:	38	0
# Annual:	13	0
# Seasonal:	39	0

Hydrologic Definition of Seasons:

1. September 16 - January 15
2. January 16 - March 15
3. March 16 - July 15
4. July 16 - September 15

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 22 years and at least 136 observations.

Annual Analysis Criteria:

To be included in the annual box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of at least 22 years.

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

Seasonal Analysis Criteria:

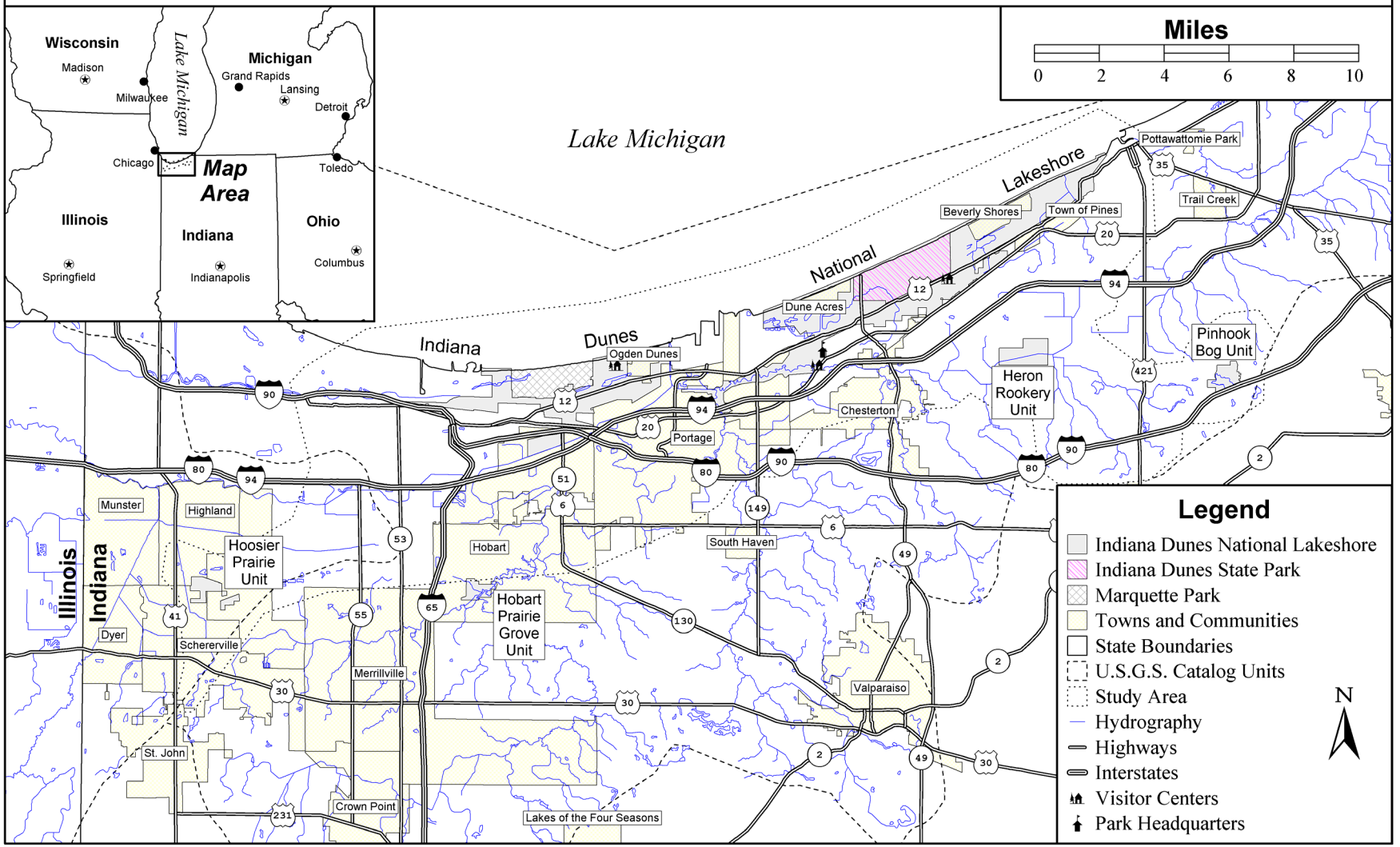
To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 22 years and observations in at least 4 of the 22 years.

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

[1]To prepare a Microsoft Word version of this report, data were reprocessed through different versions of software than used originally. Consequently, some results presented in the Overview and Executive Summary may differ slightly from those presented in the analog report (eg. # of In Park and Longer Term Stations).

Indiana Dunes National Lakeshore

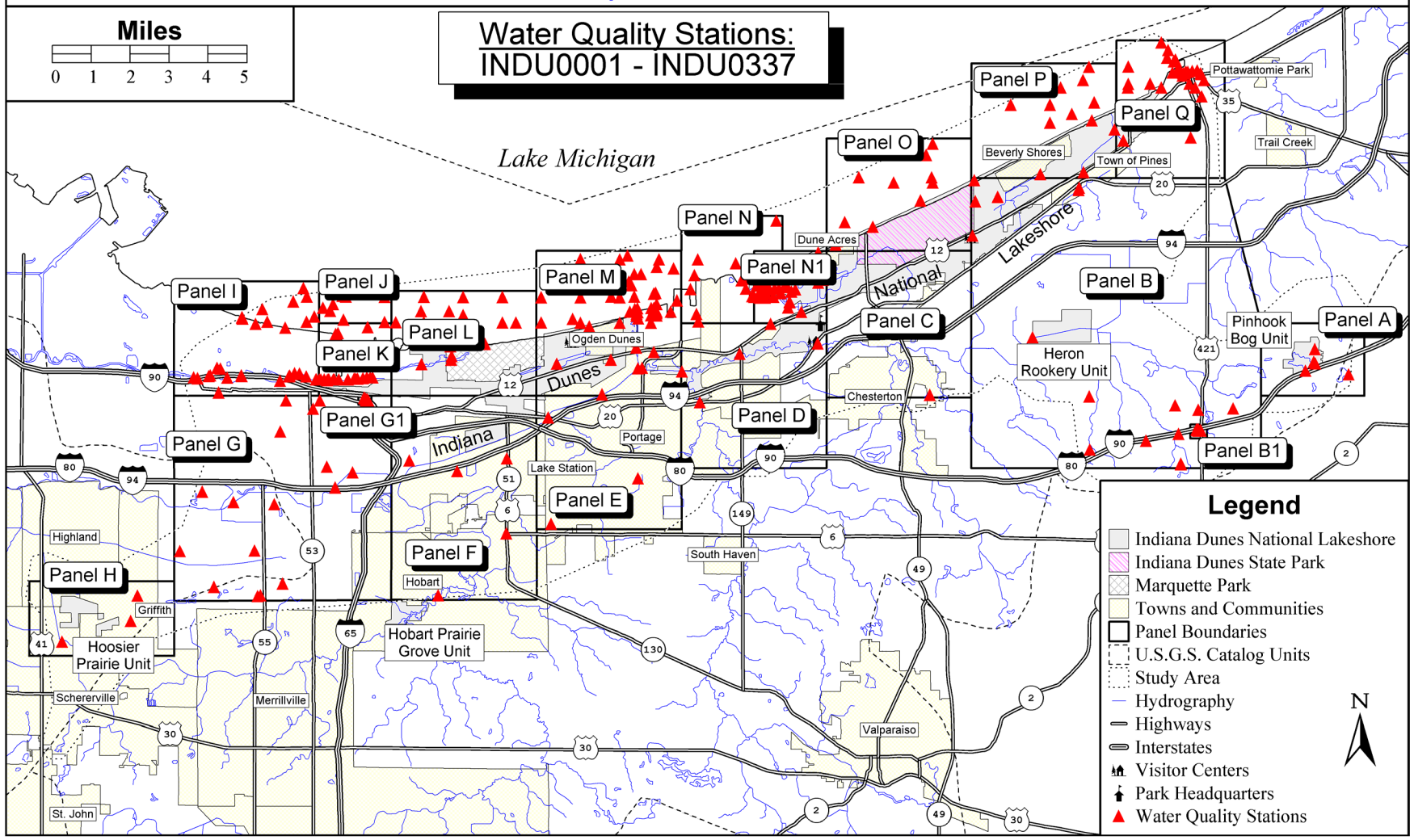
Regional Location Map



Indiana Dunes National Lakeshore

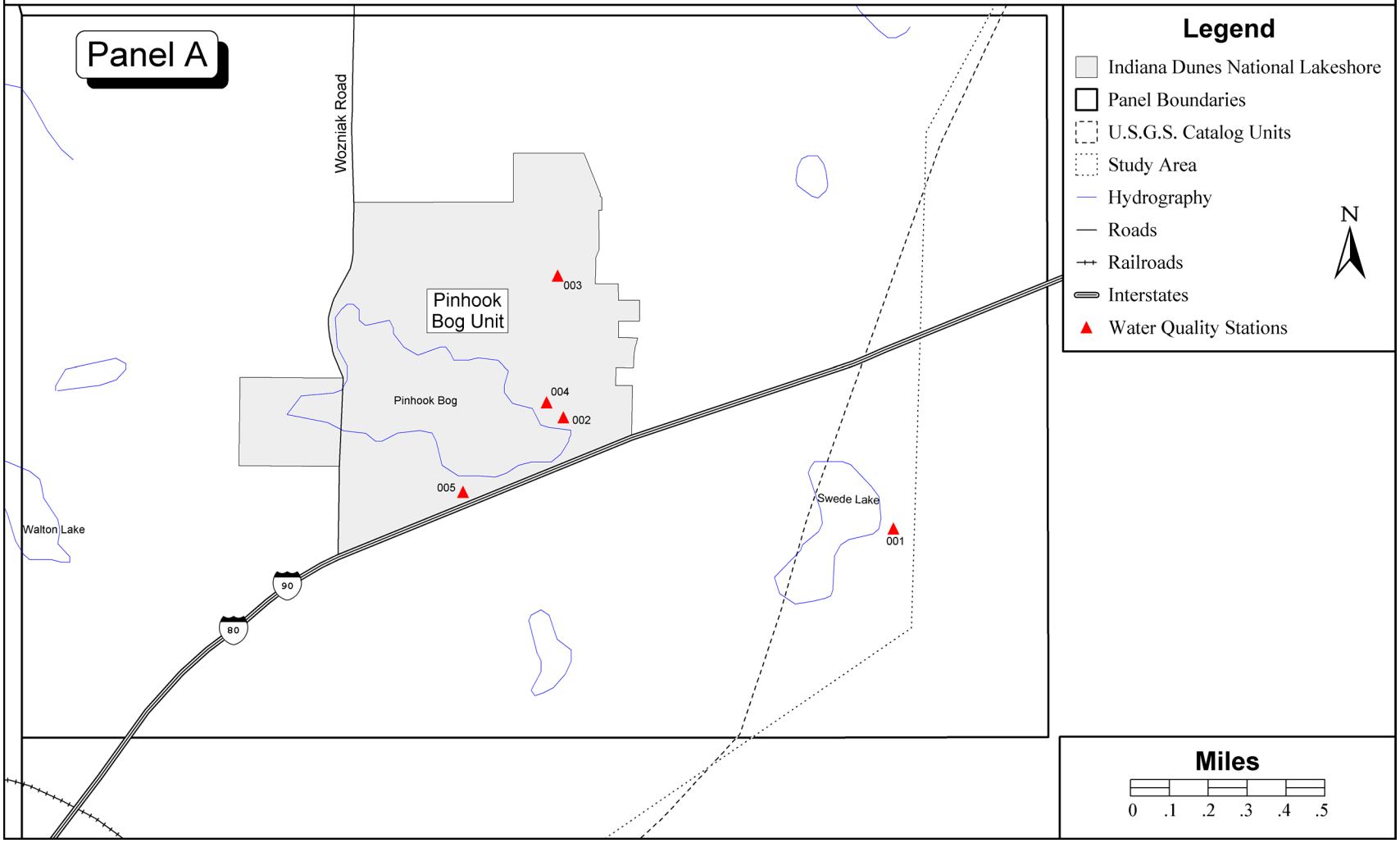
Water Quality Monitoring Locations

Graphic Panel Index



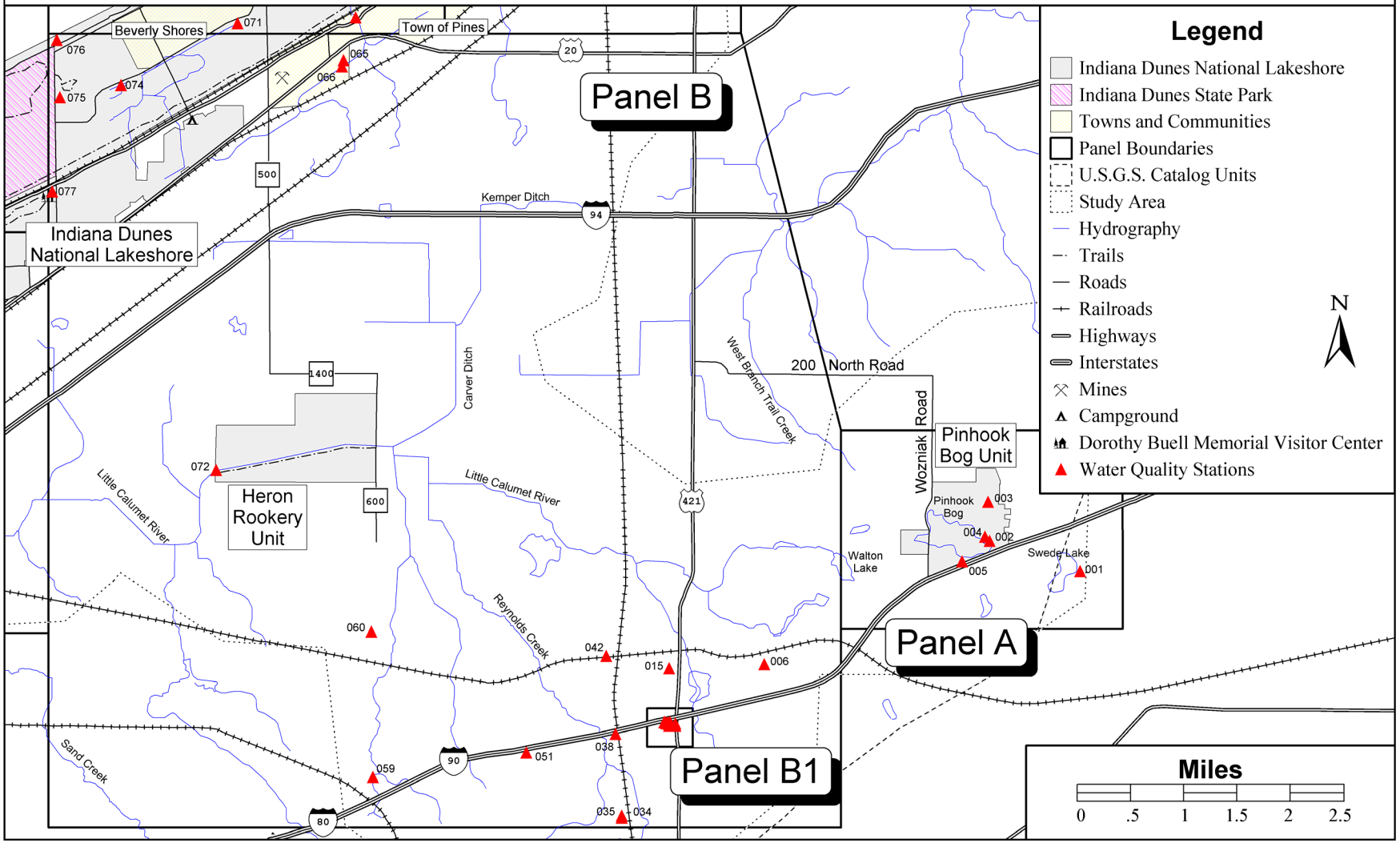
Indiana Dunes National Lakeshore

Water Quality Monitoring Locations



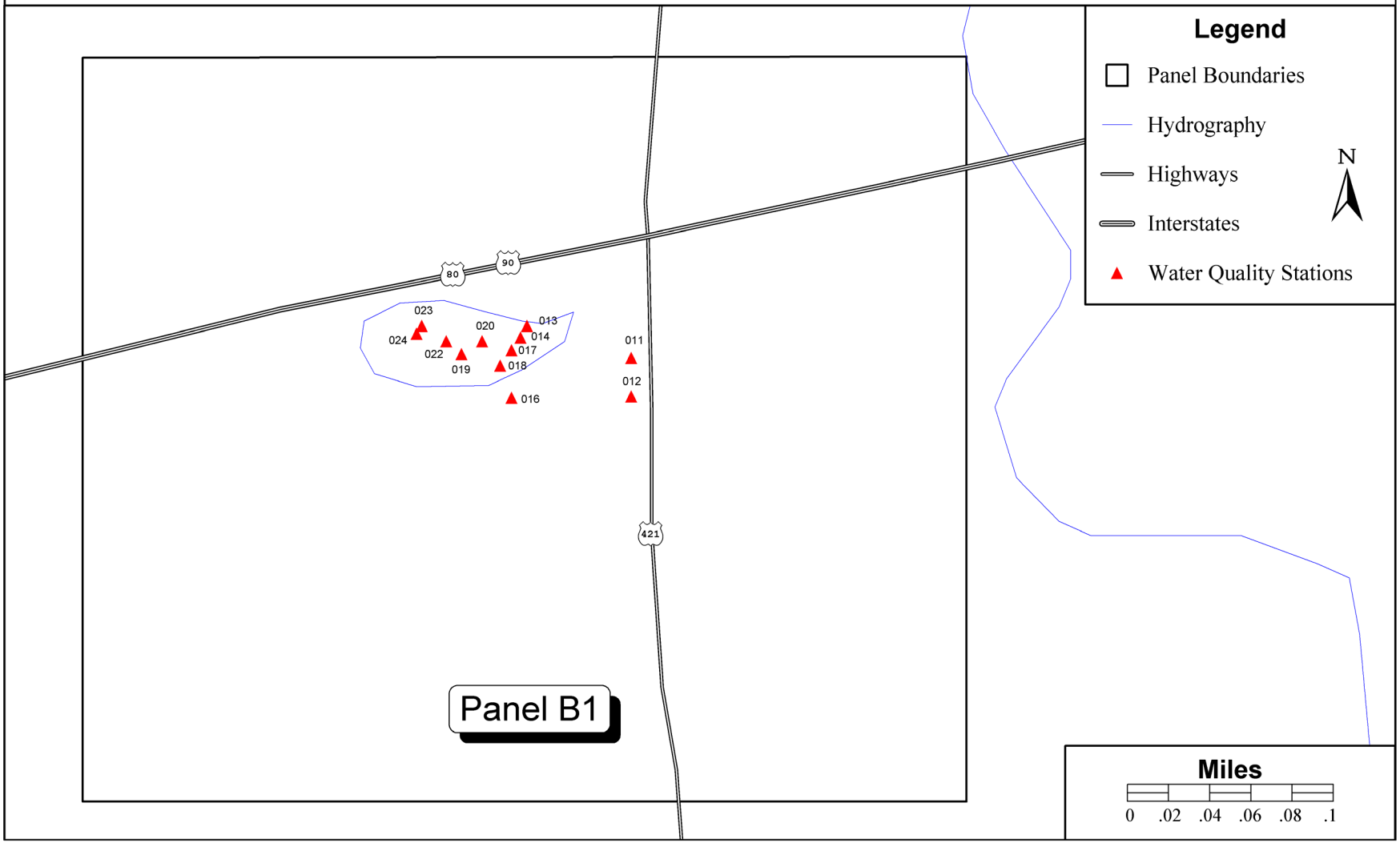
Indiana Dunes National Lakeshore

Water Quality Monitoring Locations



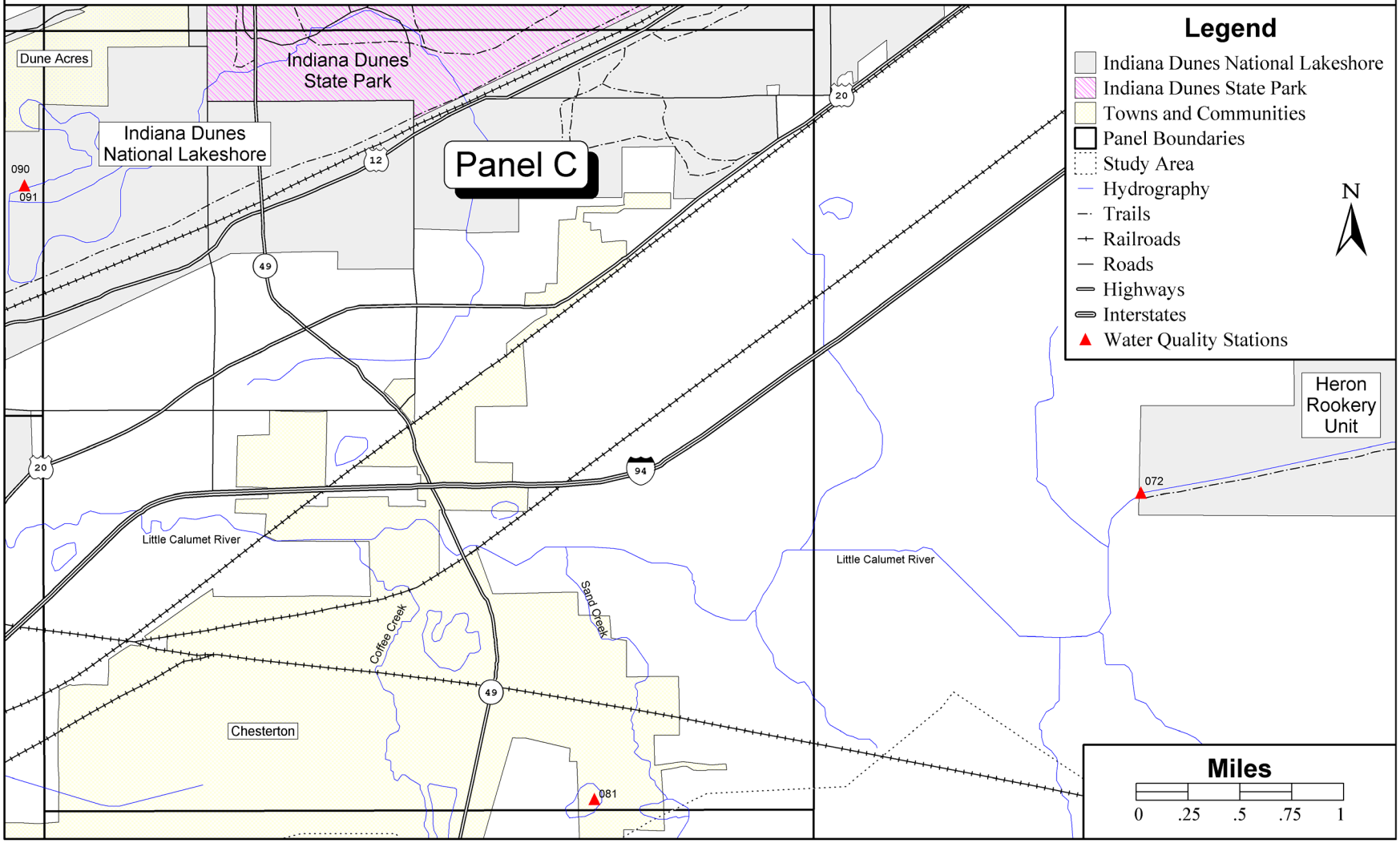
Indiana Dunes National Lakeshore

Water Quality Monitoring Locations



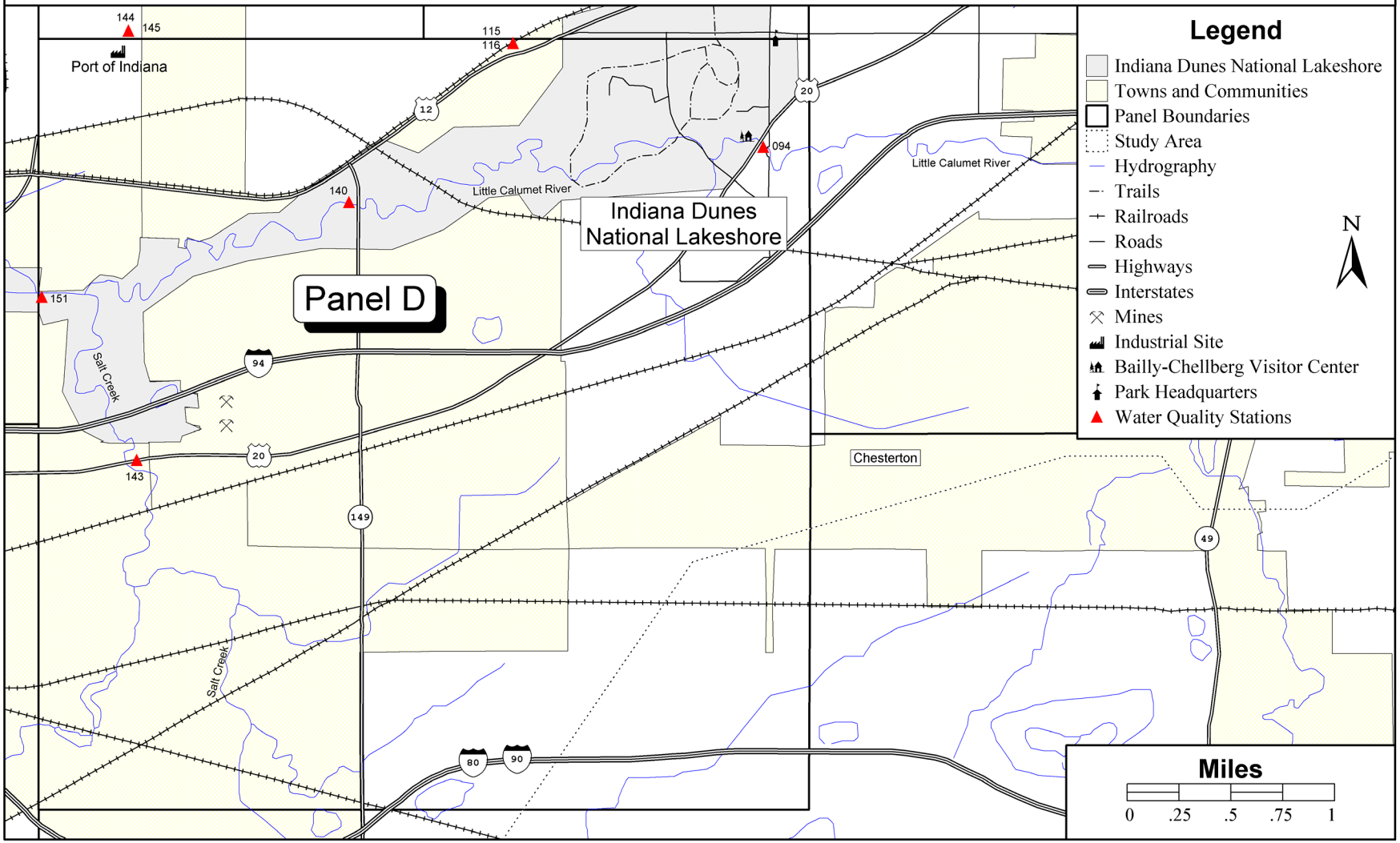
Indiana Dunes National Lakeshore

Water Quality Monitoring Locations



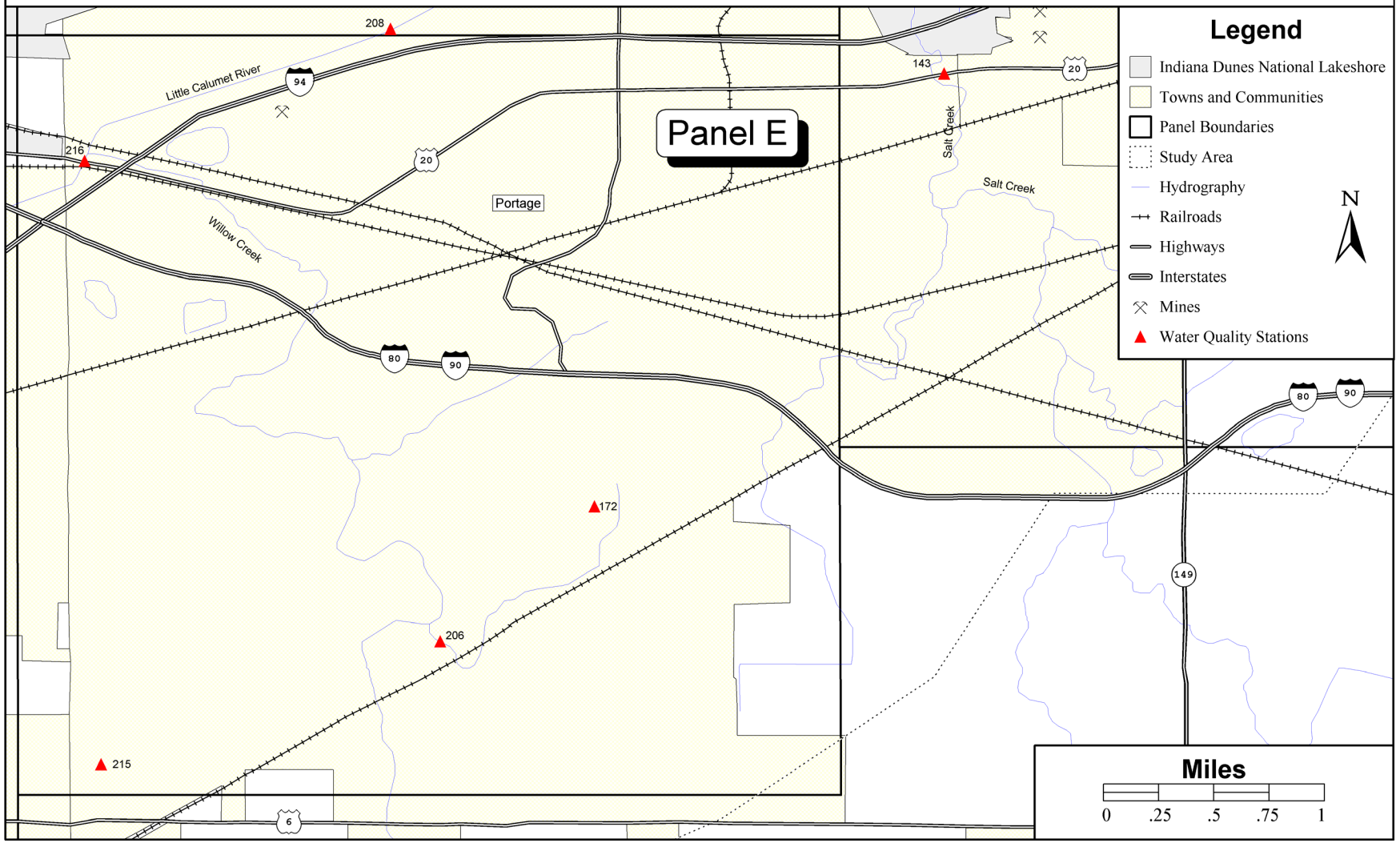
Indiana Dunes National Lakeshore

Water Quality Monitoring Locations



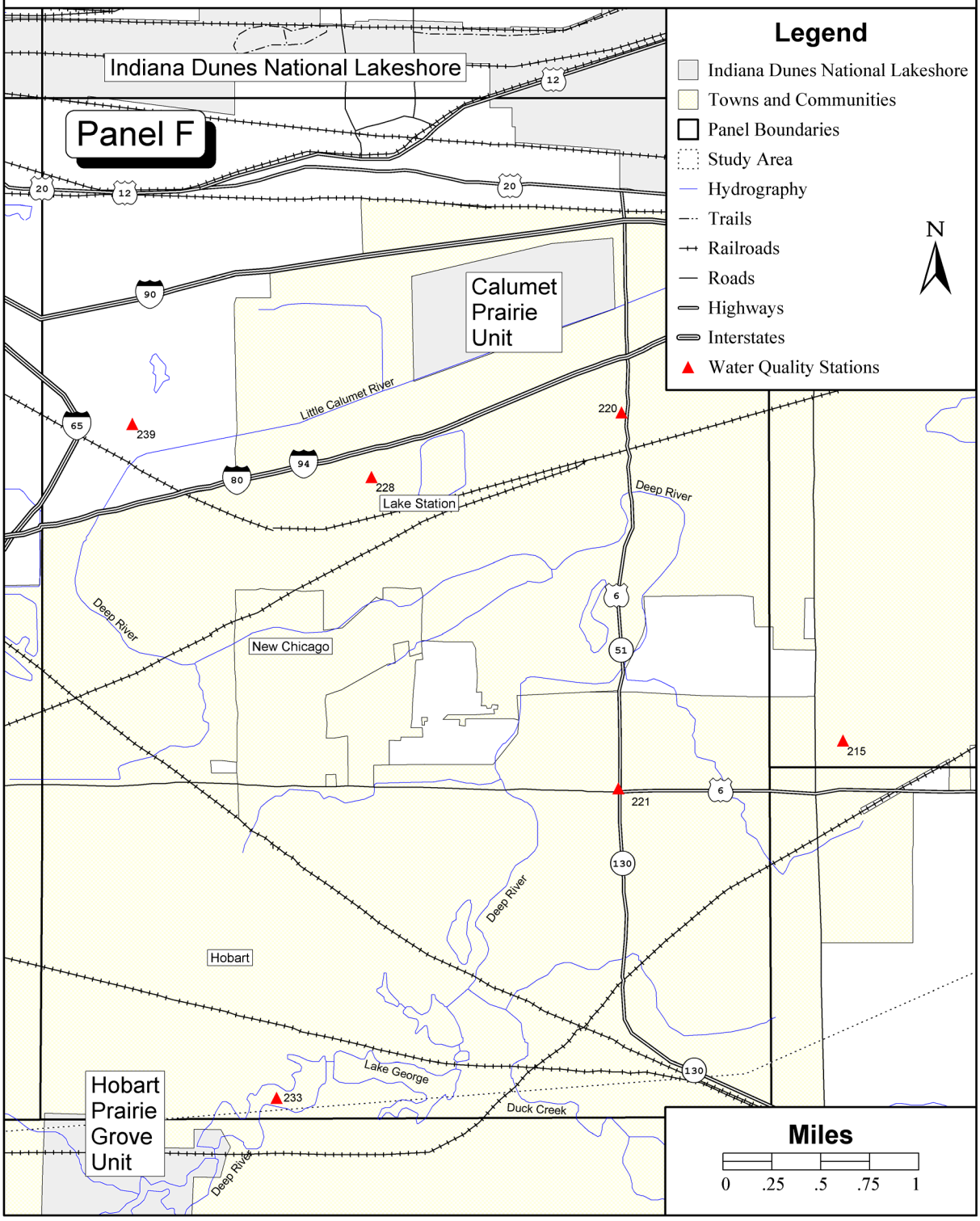
Indiana Dunes National Lakeshore

Water Quality Monitoring Locations



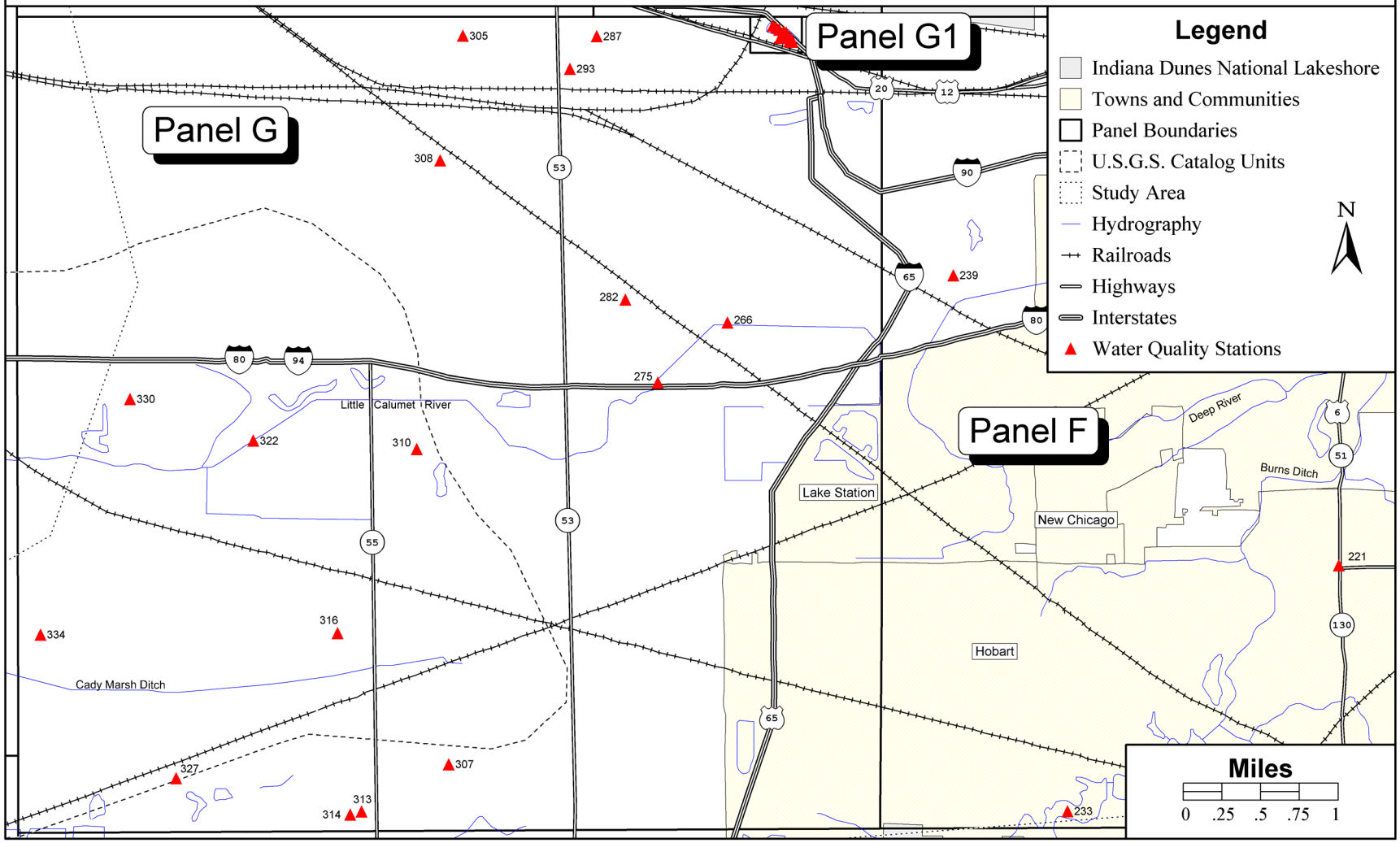
Indiana Dunes National Lakeshore

Water Quality Monitoring Locations



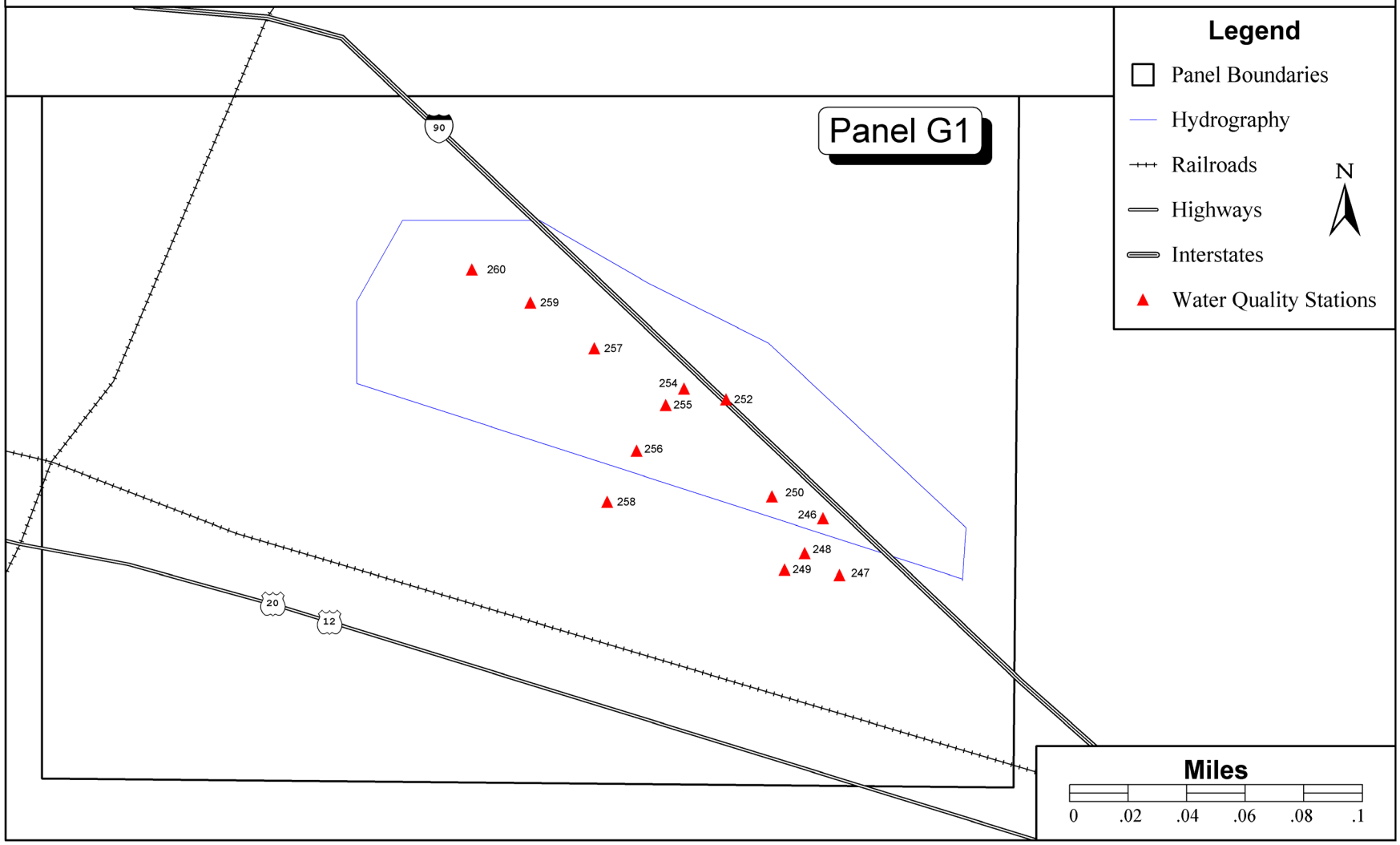
Indiana Dunes National Lakeshore

Water Quality Monitoring Locations



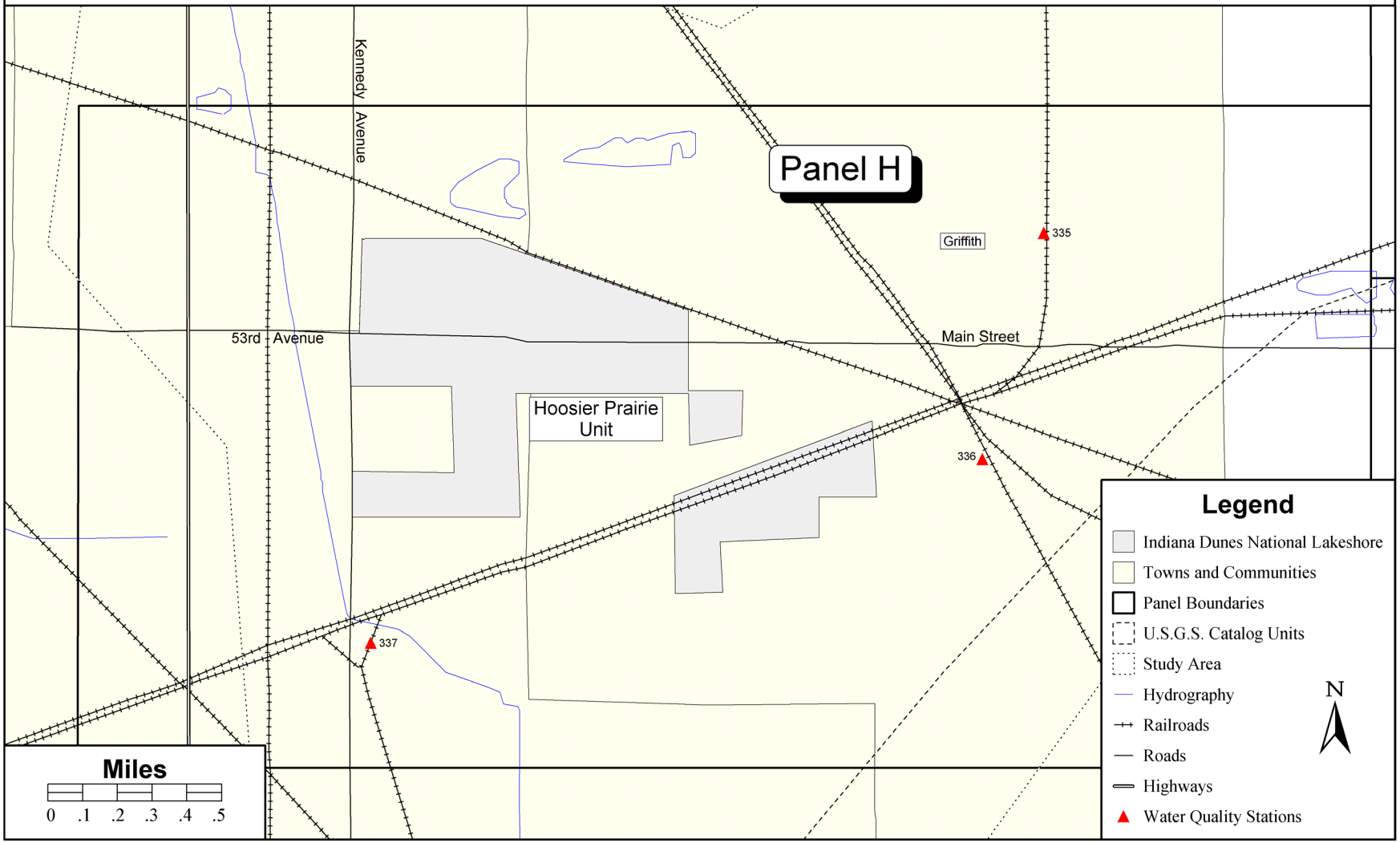
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Water Quality Monitoring Locations



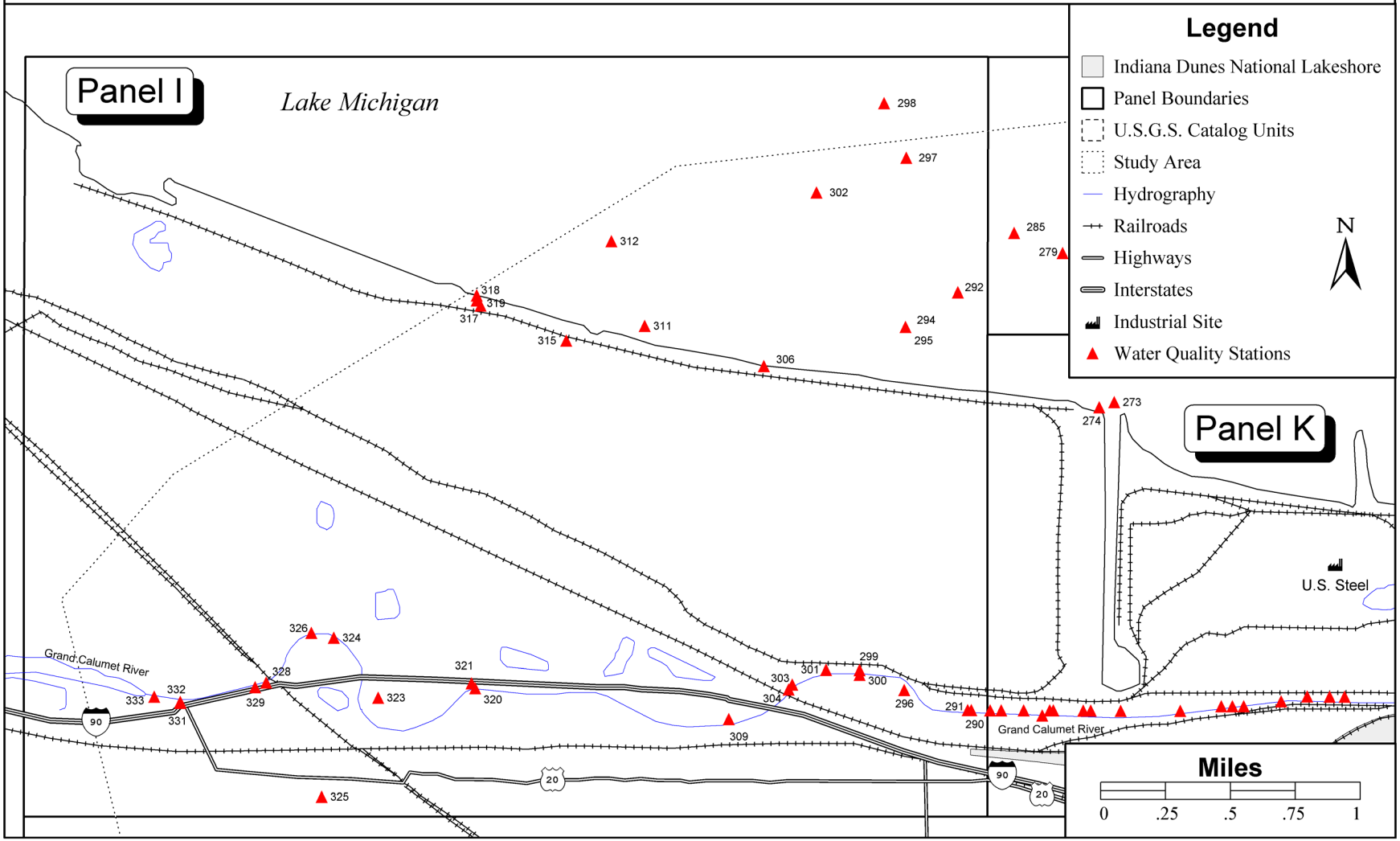
Indiana Dunes National Lakeshore

Water Quality Monitoring Locations



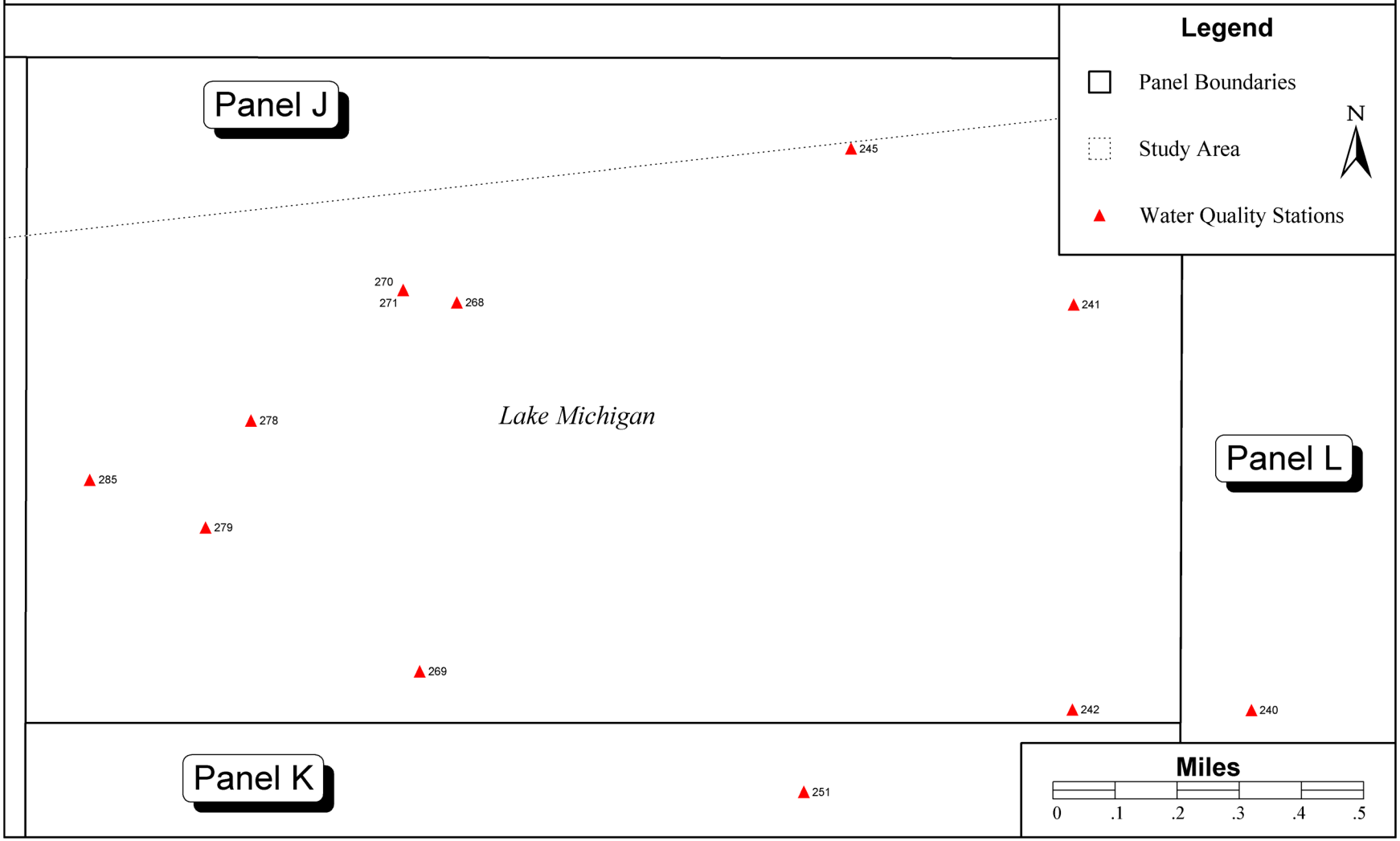
Indiana Dunes National Lakeshore

Water Quality Monitoring Locations



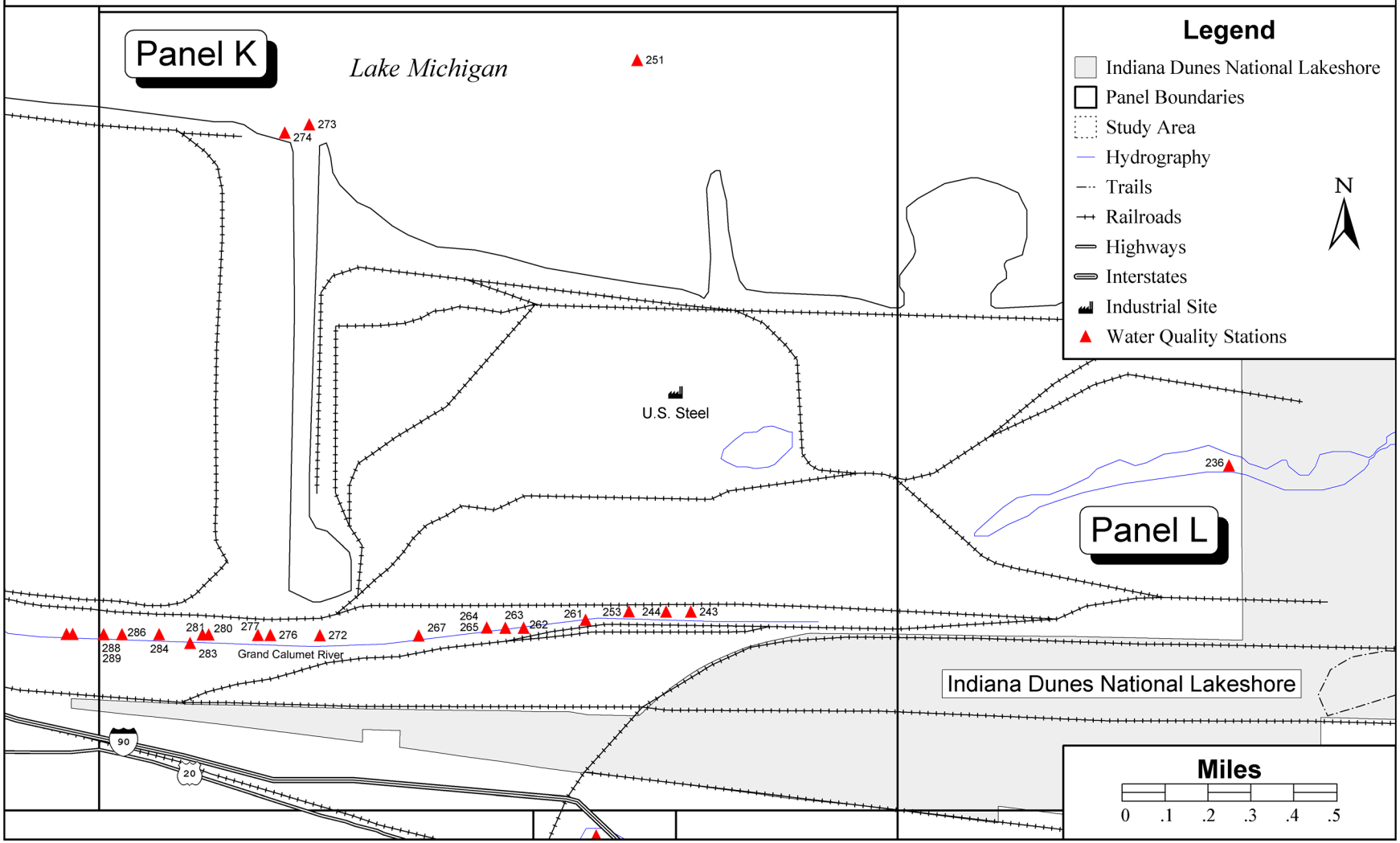
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Water Quality Monitoring Locations



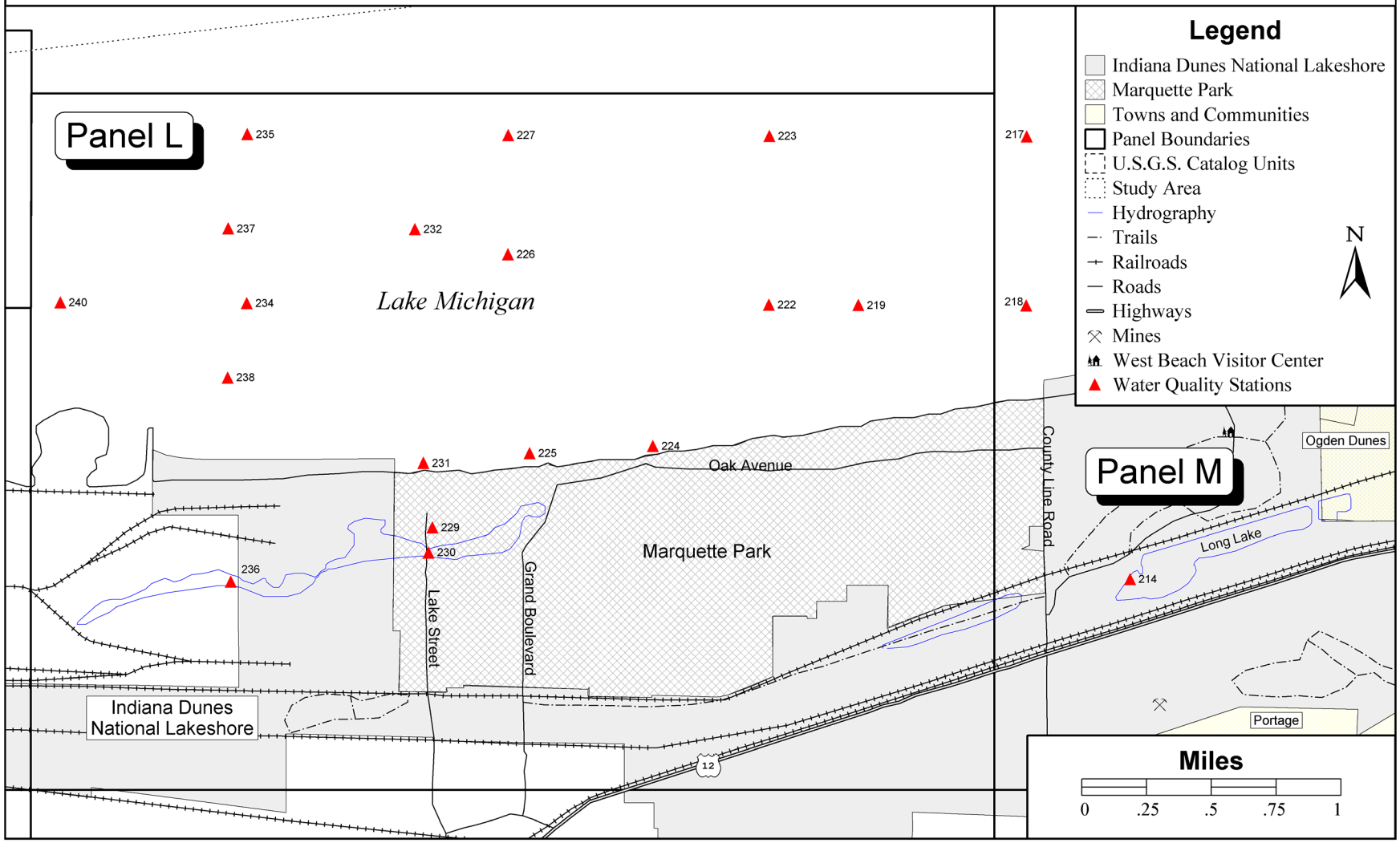
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Water Quality Monitoring Locations



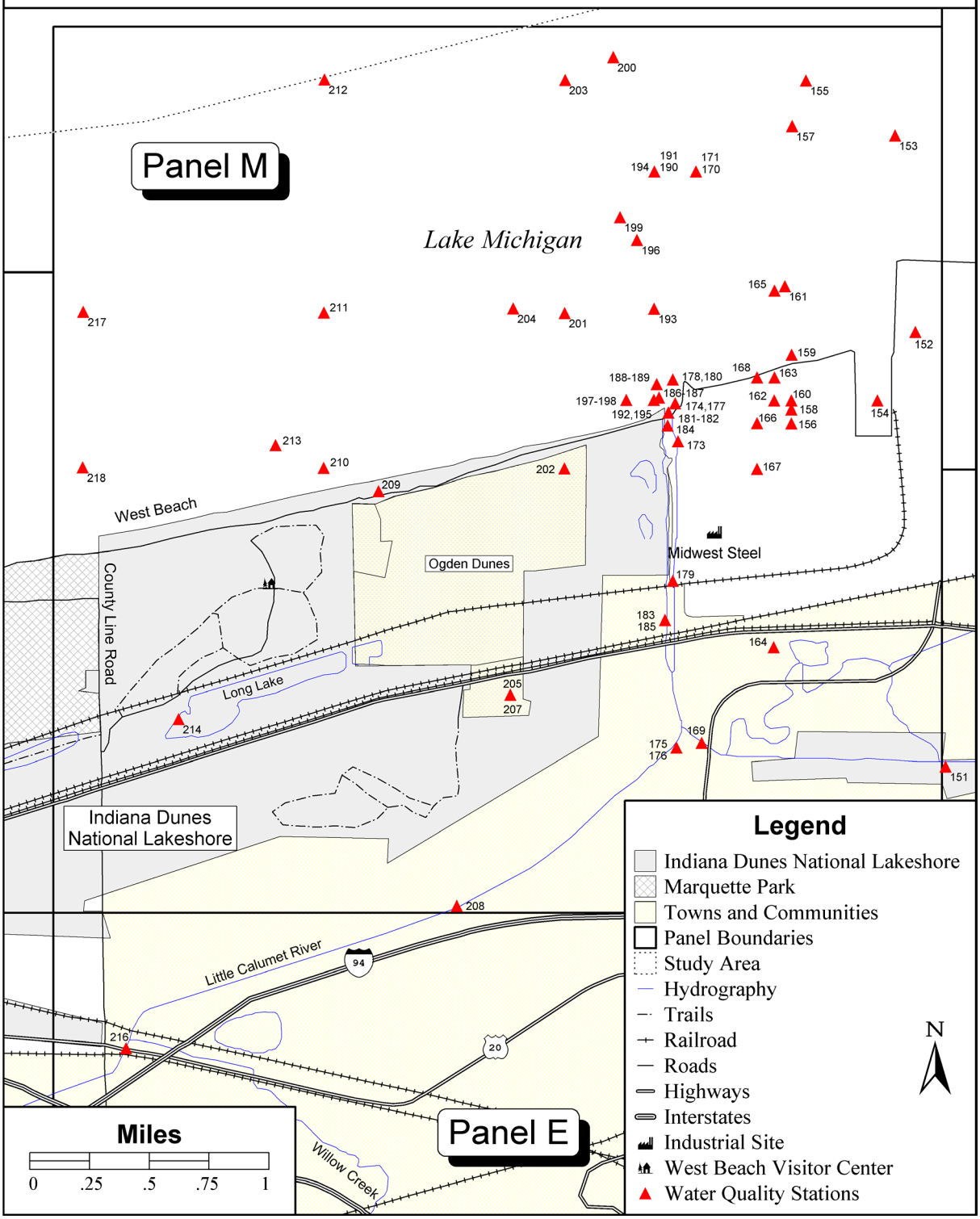
Indiana Dunes National Lakeshore

Water Quality Monitoring Locations



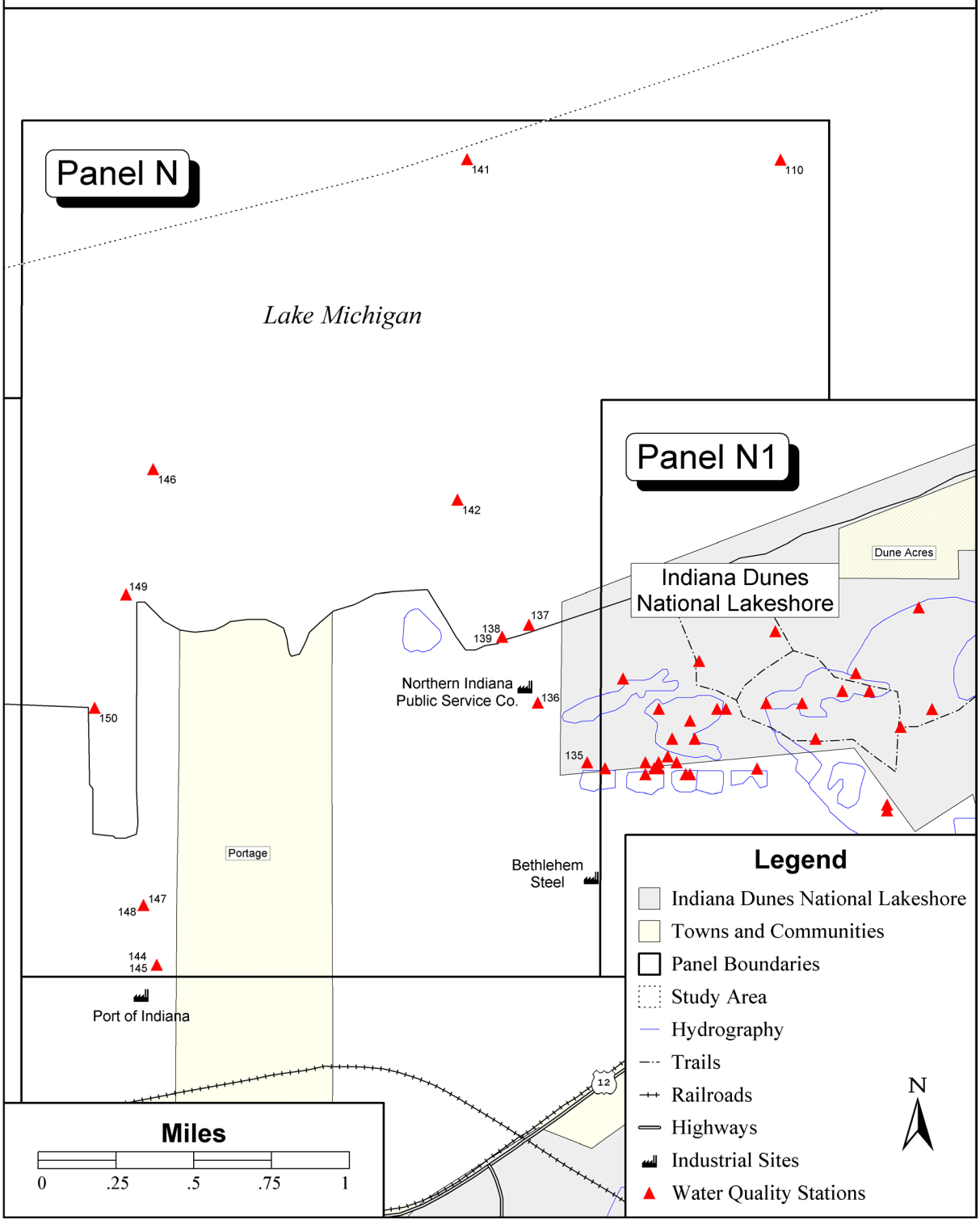
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Water Quality Monitoring Locations



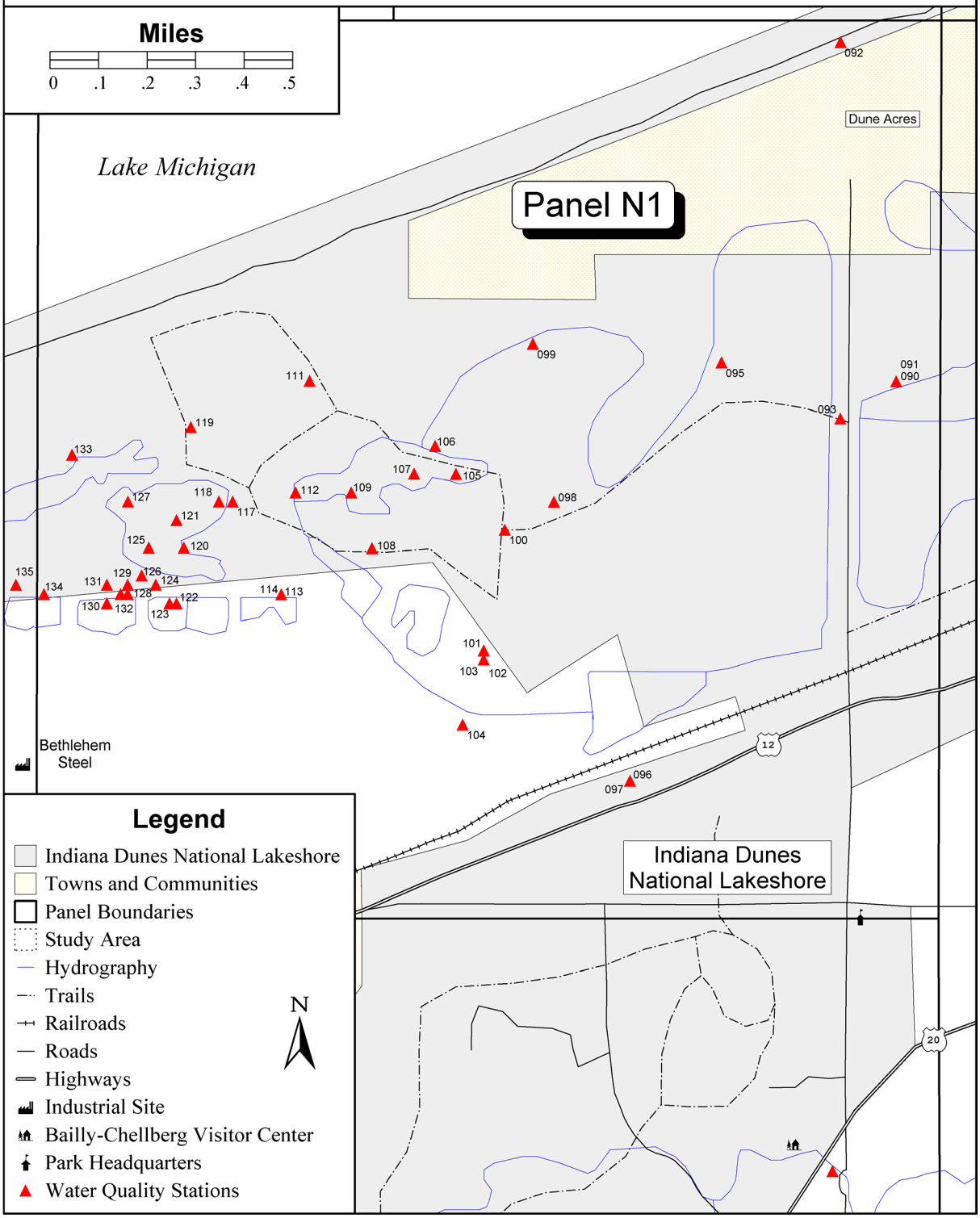
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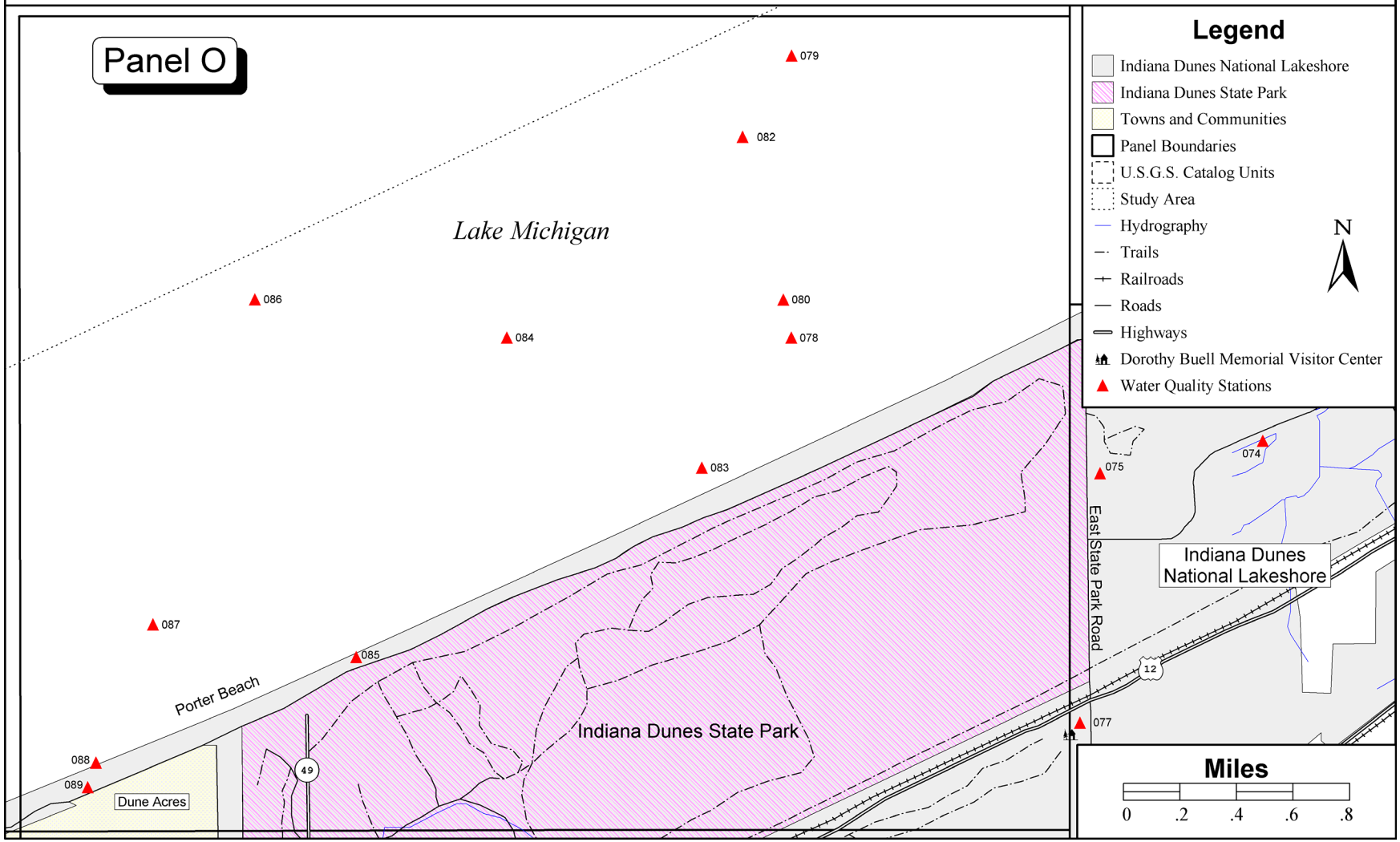
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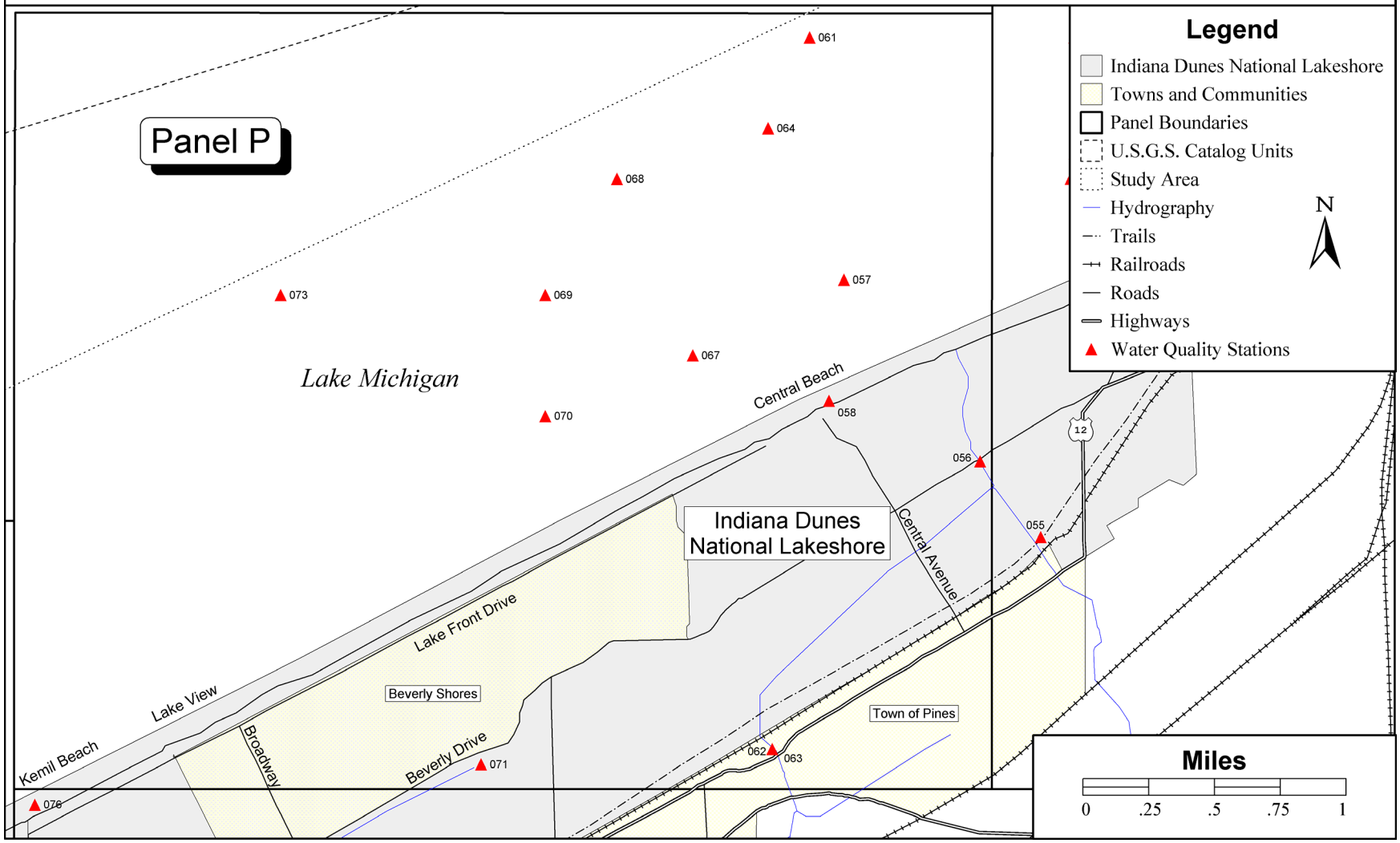
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Water Quality Monitoring Locations



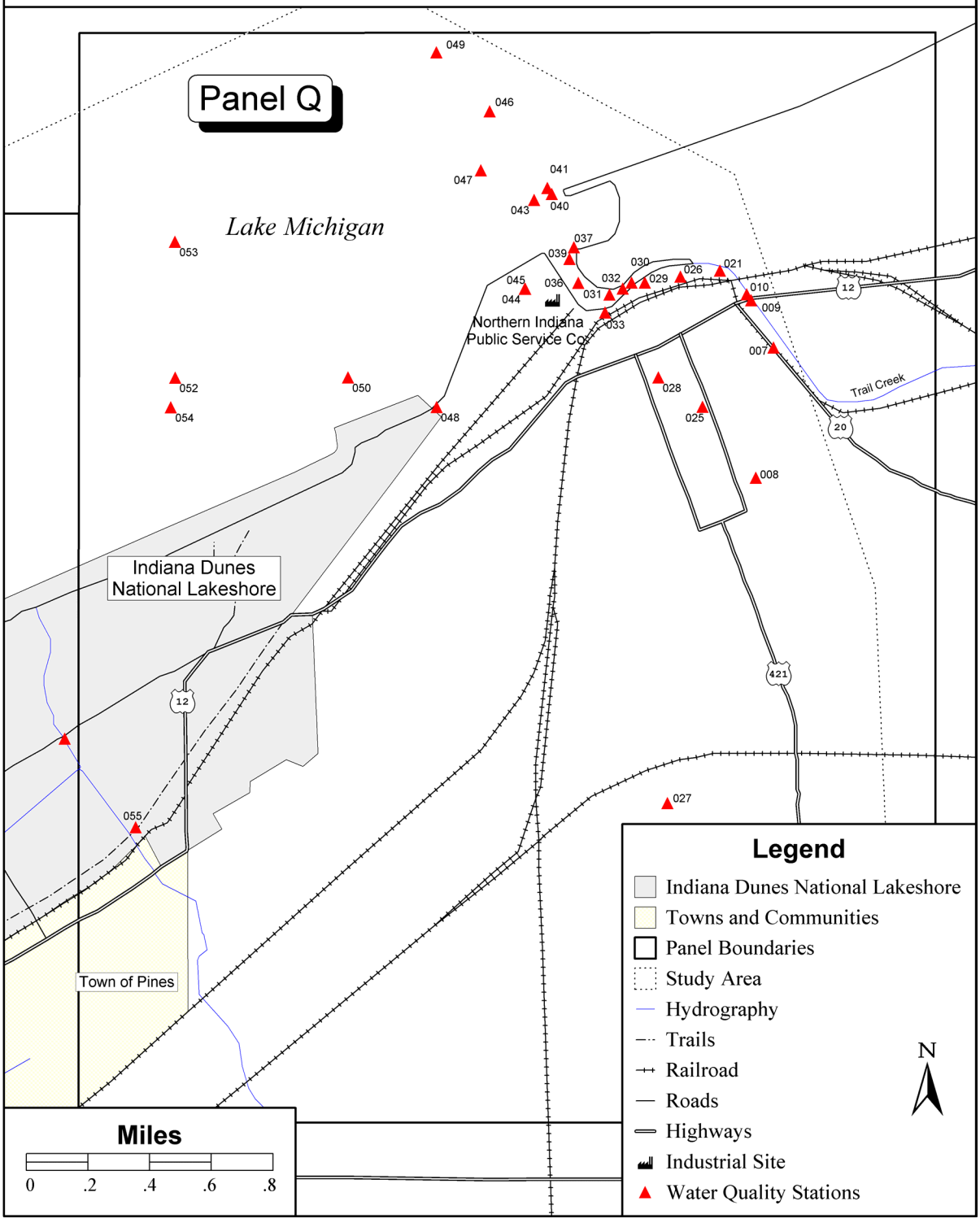
Indiana Dunes National Lakeshore

Water Quality Monitoring Locations



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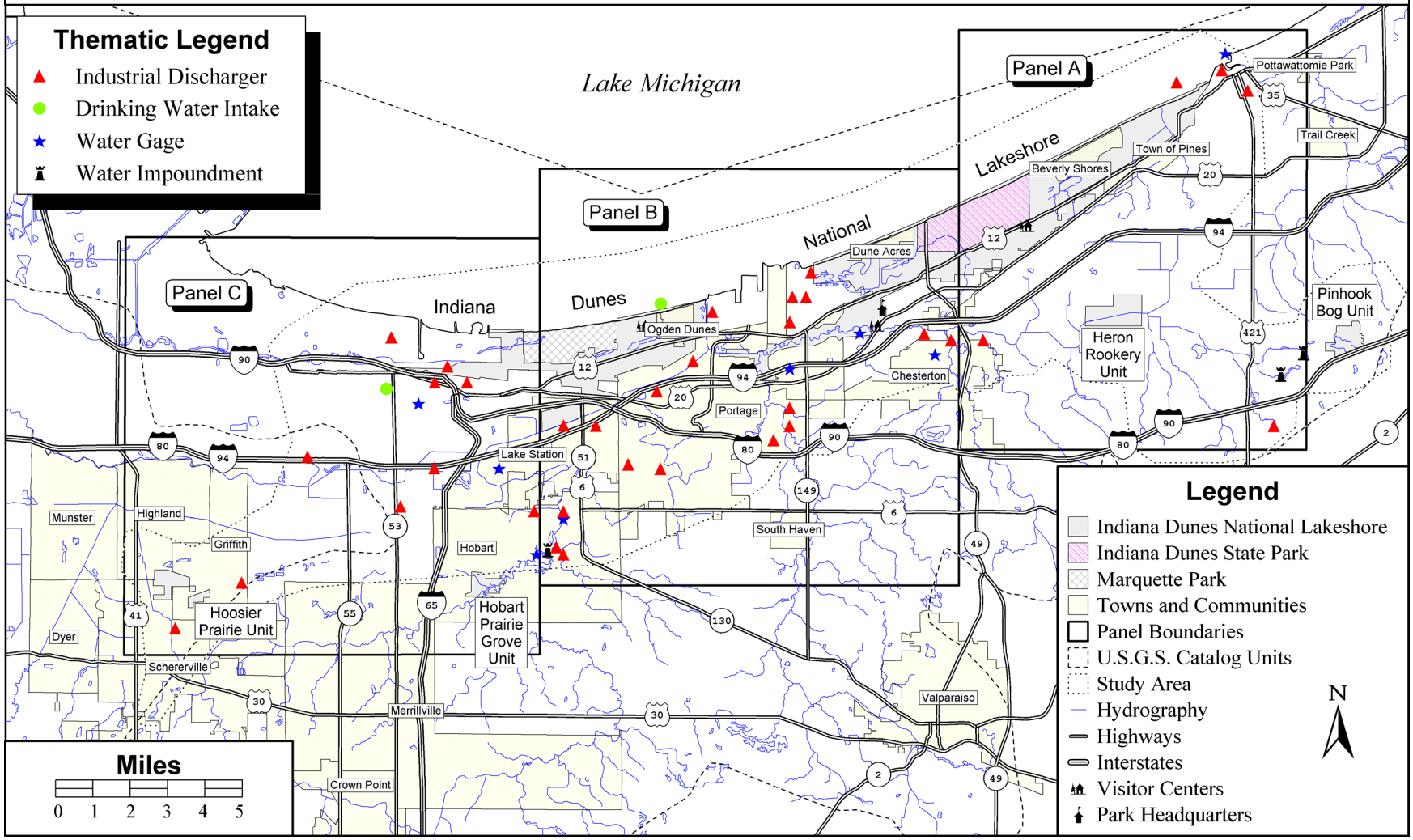
Water Quality Monitoring Locations



Indiana Dunes National Lakeshore

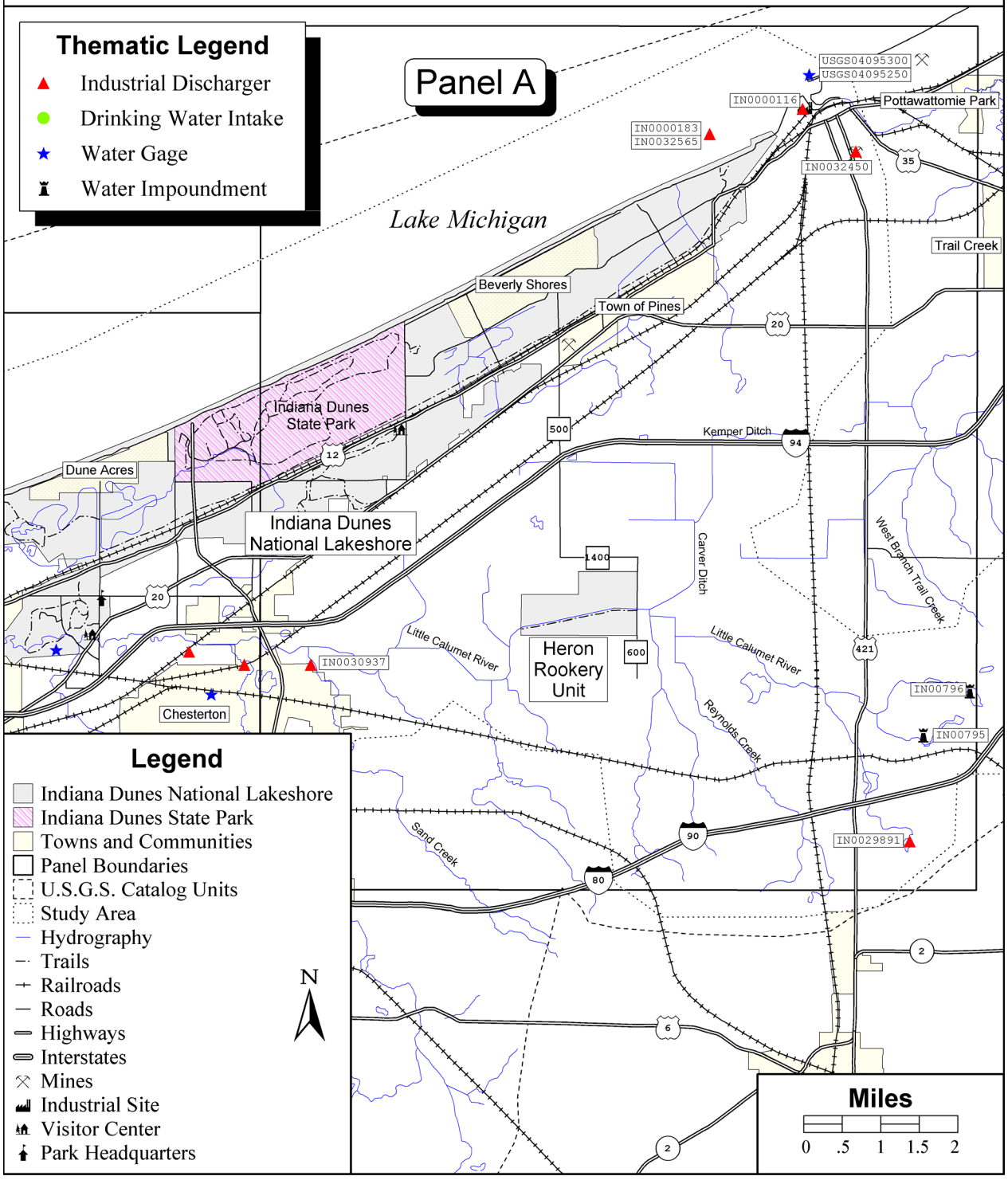
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

Graphic Panel Index



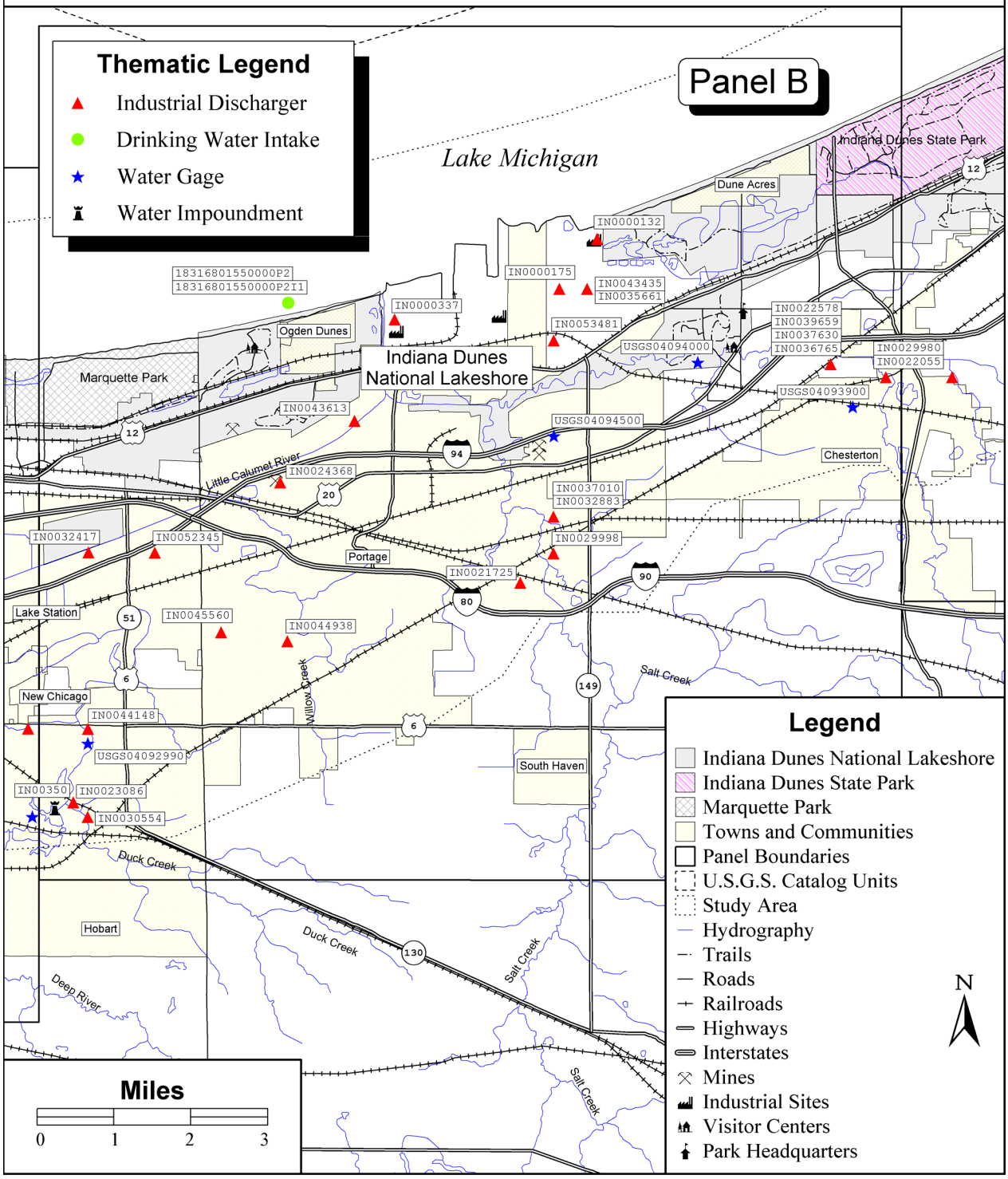
Indiana Dunes National Lakeshore

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



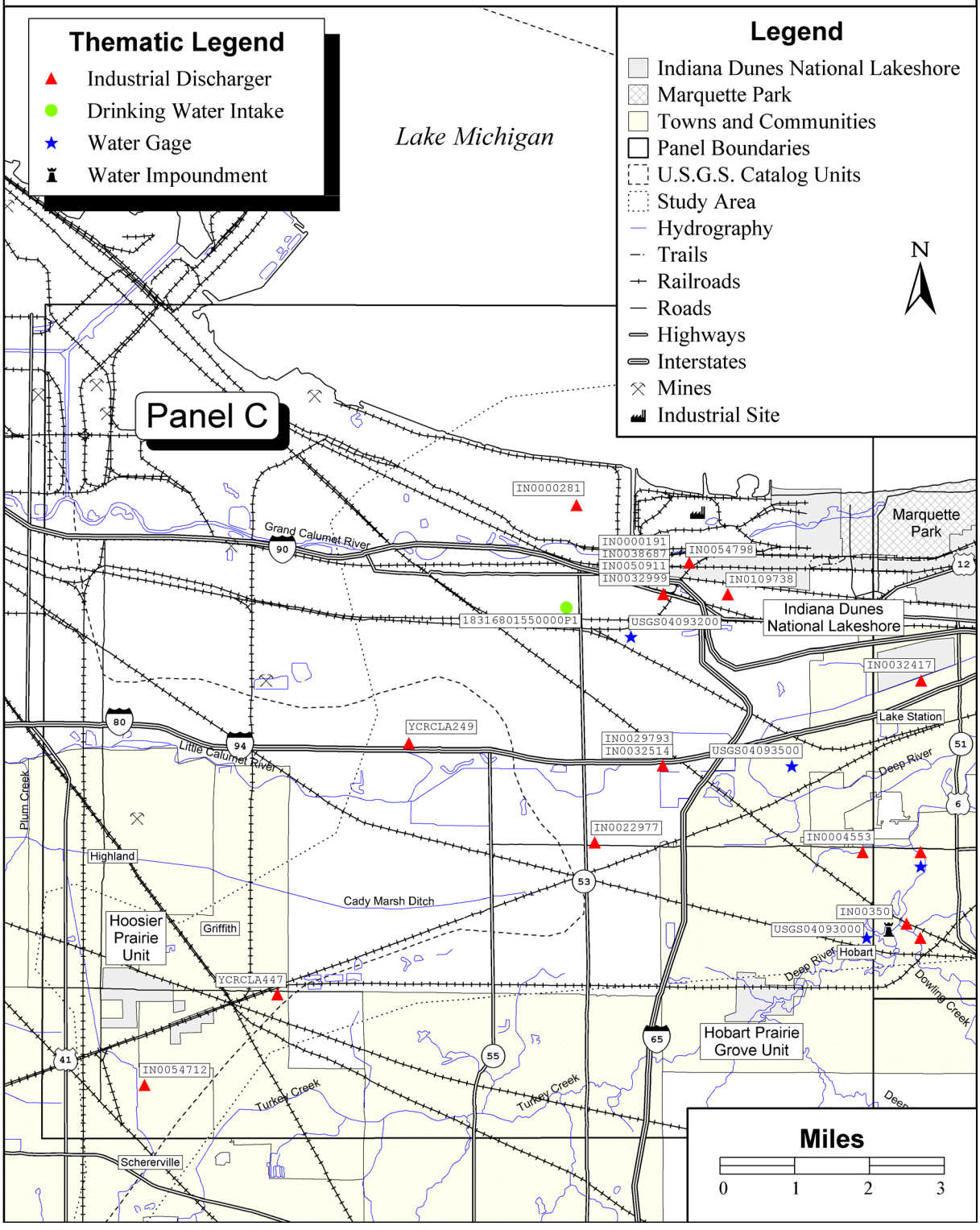
Indiana Dunes National Lakeshore

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Indiana Dunes National Lakeshore

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Industrial Facility Discharges, Drinking Water Intakes, and Stream Gages Within the INDU Study Area

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
IN0000116	NIPSCO, MICHIGAN CITY GEN. STA	WABASH STREET AT THE LAKE	MICHIGAN CITY	LAKE MICHIGAN
IN0000132	NIPSCO, BAILEY GENERATING STA	246 BAILEY STATION ROAD	CHESTERTON	LAKE MICHIGAN
IN0000175	BETHLEHEM STEEL CORPORATION	P O BOX 248	CHESTERTON	LITTLE CALUMET R., BURNS HARBO
IN0000183	COOPER INDUSTRIES - INDUSTRIAL	JOY COMPRESSORS	MICHIGAN CITY	CHANEY RUN
IN0000191	VULCAN MATERIALS CO-METALLICS	459 NORTH CLINE AVENUE	GARY	..
IN0000281	USX CORP. GARY WORKS	600 GRANT STREET	PITTSBURGH	GRAND CALUMET RIVER LAKE MICH
IN0000337	NATIONAL STEEL, MIDWEST DIV.	MIDWEST DIVISION	PORTAGE	BURNS DITCH
IN0004553	SANDBORN WATER DEPARTMENT	.....	NEW CHICAGO	..
IN0021725	MIDWEST STEEL DIVISION NAT. ST	.....	PORTAGE	..
IN0022055	CHESTERTON TOWN OF	.....	CHESTERTON	..
IN0022578	CHESTERTON TOWN OF	726 BROADWAY	CHESTERTON	L CALUMET R
IN0022977	GARY SANITARY DISTRICT	3600 W 3RD AVE	GARY	GRAND CALUMET R
IN0023086	HOBART WSTWTR TRMT PLT	706 FRONT ST	HOBART	DEEP R
IN0024368	PORTAGE SWG TRMT PLT	5500 H OLD PORTAGE RD	PORTAGE	BURNS D
IN0029793	LEHIGH PORTLAND CEMENT/GARY	BUFFINGTON STATION	GARY	LAKE MICHIGAN
IN0029891	PURDUE UNIVERSITY	------	WESTVILLE	L CALUMET R
IN0029980	OAK TREE PARK INC.	.....	PORTAGE	L CALUMET R
IN0029998	NEIGHBORHOOD UTILITIES INC.	.....	PORTAGE	SALT C
IN0030554	HOBART TOWNSHIP SCHOOLS	------	HOBART	DEEP R
IN0030937	BRUMMITT ELEMENTARY SCHOOL	------	CHESTERTON	KEMPER D
IN0032417	EAST GARY CITY OF	.....	EAST GARY	BURNS D
IN0032450	MICHIGAN CITY PUBLIC WATER SUP	100 E. MICHIGAN BLVD.	MICHIGAN CITY,	TRAIL CREEK
IN0032514	MARBLEHEAD LIME CO-BLUFFINGTON	.....	GARY	CALUMET R
IN0032565	ANDERSON COMPANY, THE	402 ROYAL ROAD	MICHIGAN CITY	TRAIL CR.
IN0032883	PLEASANT VALLEY MOBILE HOME	.....	PORTAGE	SALT C
IN0032999	PHILLIPS PIPE LINE CO	------	EAST CHICAGO	INDIANA HBR SHIP CA
IN0035483	K A STEEL CHEMICALS INC-GARY P	.....	GARY	MILL WATER SEWER
IN0035661	UNION CARBIDE CORP-LINDE DIV-B	.....	BURNS HARBOR	L CALUMET R
IN0036765	CHESTERTON PUBLIC WATER SUPPLY	TOWN HALL	CHESTERTON,	COFFEE CREEK
IN0037010	BURNS HARBOR TOWN OF	.....	BURNS HARBOR	L CALUMET R
IN0037630	CHESTERTON TOWN OF	.....	CHESTERTON	L CALUMET R
IN0038687	MELODY LANE M.H.P.	------	GARY,	UNNAMED DITCH TO CALUMET RIVER
IN0039659	BURNS HARBOR ESTATES	.....	.....	L CALUMET R
IN0043435	UNION CARBIDE CORP	STATE ROAD 149 & INT 94	BURNS HARBOR	L CALUMET R
IN0043613	CHRIS CRAFT INDUSTRIAL PRODUCT	INDUSTRIAL PRODUCTS	GARY	BURNS DITCH
IN0044148	LAKE GEORGE SWG CO	S DECATUR ST	HOBART	DEEP R
IN0044938	CAMELOT ESTATES MOBILE HOME PARK	------	PORTAGE	DEEP R
IN0045560	CONTINENTAL CAN CO PLT.17	P. O. BOX 46	PORTAGE	TR TO BURNS D
IN0050911	INDUSTRIAL DISPOSAL CORP.	P.O. BOX 74	EAST CHICAGO	GRAND CALUMET RIVER
IN0052345	CONTINENTAL CAN CO	.....	CHESTERTON	DEEP R
IN0053481	BURNS HARBOR MUNICIPAL STP	TOWN HALL	BURNS HARBOR	BURNS DITCH
IN0054712	ARCO PIPELINE COMPANY	ARCO PIPELINE COMPANY	SCHERERVILLE,	UNNAMED DITCH
IN0054798	ROLL CENTER, INC.	218 MISSISSIPPI STREET	GARY	GRAND CALUMET RIVER VIA STORM
IN0109738	WHITE GARY SALES & SERVICE INC	.....	GARY	ROADSIDE D
YCRCLA249	LAKE SANDY JO	------	GARY	-------
YCRCLA447	AMERICAN CHEM SERV INC	420 S COLFAX AVE	GRIFFITH	-------

Industrial Facility Discharges, Drinking Water Intakes, and Stream Gages Within the INDU Study Area

Drinking Water Intakes

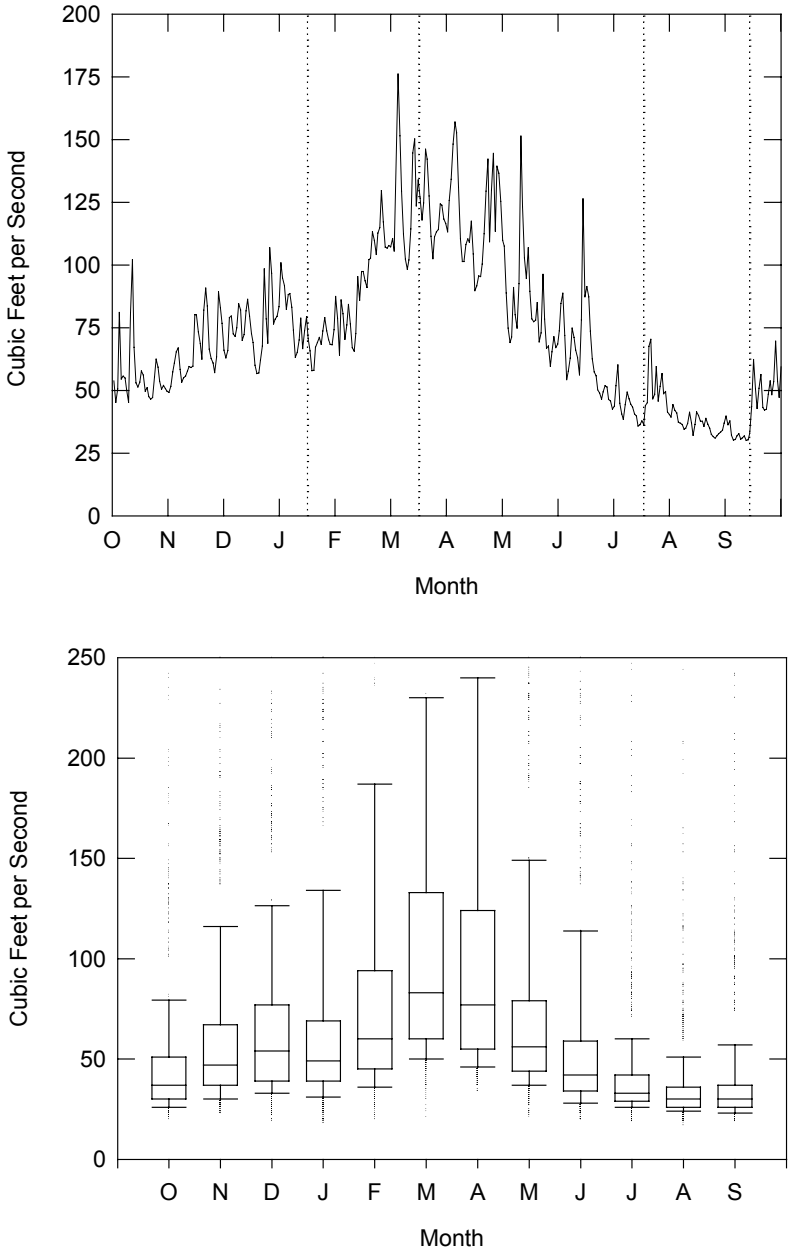
Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)
18316801550000P1	GARY FILTER PLANT	GARY	230000	0000.00
18316801550000P2	OGDEN DUNES FILT PLT	GARY	230000	0000.00
18316801550000P2I1	LAKE MICHIGAN	GARY	230000	0000.00

USGS Stream Gages

Site ID	Station Name	Catalog Unit	Drainage Area (Square Miles)	USGS Mean Annual Flow (Cubic Feet/Second)
USGS04092990	LAKE GEORGE AT HOBA	04040001	124.00	-
USGS04093000	DEEP RIVER AT LAKE	04040001	124.00	102.98
USGS04093200	LITTLE CALUMET RIVE	04040001	-	16.17
USGS04093500	BURNS DITCH AT GARY	04040001	160.00	138.52
USGS04093900	COFFEE C AT CHESTER	04040001	15.00	-
USGS04094000	LITTLE CALUMET RIVE	04040001	66.20	71.30
USGS04094500	SALT CREEK NEAR MCC	04040001	74.60	71.54
USGS04095250	E B TRAIL C TR NR S	04040001	-	-
USGS04095300	TRAIL CREEK AT MICH	04040001	54.10	68.71

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

INDIANA DUNES NATIONAL LAKESHORE
Little Calumet River at Porter, IN
04094000, 43 year record



Representative mean annual hydrograph (top) and distribution of daily flows by month (bottom) for hydrologic season determination. Box and whiskers represent a five number summary; bottom whisker cap is 10th percentile, bottom of box is 25th percentile, internal line is median, top of box is 75th percentile, and top whisker is 90th percentile. Hydrologic seasons for Indiana Dunes National Lakeshore are: Sep. 16 to Jan. 15, Jan. 16 to Mar. 15, Mar. 16 to Jul. 15, and Jul. 16 to Sep. 15.

CONTACTS FOR AGENCY CODES RETRIEVED FOR INDU

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
112WRD	YORKE, TOM	US GEOLOGICAL SURVEY	(703)648-5687	
21IND	CHANG, DR. T. P.	INDIANA BOARD OF HEALTH	(317)633-0715	
11COECHI	MILLER, JAN	CORPS OF ENGINEERS	(312)353-6518	
11COEHUN	MARCHESE, VINCE	CORPS OF ENGINEERS	(304)529-5248	
12PURDUE	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
21INDN	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
* DATA FOR 21INDN HAS BEEN 'RETIRED' AT THE REQUEST OF STORET USER ASSISTANCE (703)883-8861 ON 03/14/86.				
1115GLSB	ROCKWELL, DAVE	USEPA REGION 5	(312)353-1373	
1115GLSP	ROSS, STU	USEPA REGION 5	(312)353-0299	
1115G050	JUTIS, BILL	USEPA REGION 2	(212)264-4753	
21ILL	HARDIN, JILL	ILLINOIS EPA	(217)782-3362	
1110NET	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
21INDNR	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
21ILCHIW	SCHAEFFER, DAVE	ILLINOIS EPA	(217)782-3362	
21ILSED	HARDIN, JILL	ILLINOIS EPA	(217)782-3362	
12R5DRNK	ROSS, STU	USEPA REGION 5	(312)353-0299	

QUANTITY OF DATA RETRIEVED FOR INDU BY AGENCY CODE

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

Agency	Organization	Period of Record		Water Quality Stations		Longer Term[1] Stations		No Data Stations		Water Quality Observations		Water Quality Parameters	
		Study Area	/ Park Only	S.A.	/ Park	S.A.	/ Park	S.A.	/ Park	S.A.	/ Park	S.A.	/ Park
112WRD	US GEOLOGICAL SURVEY	04/29/35-03/14/85	07/31/73-03/14/85	117	47	16	11	0	0	16830	9349	208	198
21IND	INDIANA BOARD OF HEALTH	01/05/65-07/28/92	01/26/71-07/27/92	54	2	10	1	0	0	78816	4014	387	56
11COECHI	CORPS OF ENGINEERS	10/02/79-09/24/81	No Data in Park	19	0	0	0	0	0	945	0	60	0
11COEHUN	CORPS OF ENGINEERS	No Data in S.A.	No Data in Park	10	0	0	0	10	0	0	0	0	0
12PURDUE	USEPA HQ	06/11/73-07/28/73	No Data in Park	25	0	0	0	1	0	136	0	9	0
21INDN	USEPA HQ	01/01/72-12/10/73	No Data in Park	30	0	0	0	1	0	39527	0	32	0
1115GLSB	USEPA REGION 5	06/09/70-12/04/80	No Data in Park	34	0	0	0	0	0	1682	0	98	0
1115GLSP	USEPA REGION 5	No Data in S.A.	No Data in Park	2	0	0	0	2	0	0	0	0	0
1115G050	USEPA REGION 2	01/15/60-01/16/73	No Data in Park	27	0	1	0	1	0	8506	0	71	0
21ILL	ILLINOIS EPA	05/17/67-09/19/89	05/17/67-09/29/71	10	1	0	0	0	0	2409	247	112	10
1110NET	USEPA HQ	10/06/58-11/11/69	No Data in Park	1	0	1	0	0	0	9955	0	125	0
21INDNR	USEPA HQ	05/14/69-10/27/77	No Data in Park	4	0	1	0	0	0	2514	0	15	0
21ILCHIW	ILLINOIS EPA	04/11/78-12/16/91	No Data in Park	2	0	2	0	0	0	4113	0	24	0
21ILSED	ILLINOIS EPA	08/28/79-09/03/80	No Data in Park	1	0	0	0	0	0	82	0	36	0
12R5DRNK	USEPA REGION 5	02/03/75-02/03/75	No Data in Park	1	0	0	0	0	0	93	0	93	0
Totals		04/29/35-07/28/92	05/17/67-07/27/92	337	50	31	12	15	0	165608	13610	743	226

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

Station Period of Record Tabulation
From 04/29/35 To 07/28/92

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75
INDU0001	SWEDE LAKE, LAPORTE COUNTY	No	54	0	54	0
INDU0002[1]	S E INLET PINHOOK BOG NR PINHOOK, IND	Yes	81	0	47	34
INDU0003[1]	NE INLET PINHOOK BOG NR PINHOOK, IND	Yes	188	0	168	20
INDU0004[1]	PINHOOK BOG NE NEAR PINHOOK, INDIANA	Yes	168	0	114	54
INDU0005	RETEN PND AT SALT STOR AREA NR PINHOOK IND	Yes	49	0	5	44
INDU0006	T36NR04W04 SENE S	No	7	0	0	7
INDU0007	TRAIL CREEK, APPROXIMATELY .9 MILE UPST OF MOUTH	No	36	0	36	0
INDU0008	MICHIGAN CITY WATER TREAT. PLANT	No	0	0	0	0
INDU0009[1]	TRAIL CREEK AT MICHIGAN CITY MILE POINT 1.00	No	7808	3577	2607	1624
INDU0010	TRAIL CREEK, APPROXIMATELY .8 MILE UPST OF MOUTH	No	18	0	18	0
INDU0011	T36NR04W08 NENE S	No	9	0	0	9
INDU0012	T36NR04W08 NENE S	No	7	0	0	7
INDU0013	MICHIGAN CITY POND	No	6	0	0	6
INDU0014	MICHIGAN CITY POND	No	6	0	0	6
INDU0015	T36NR04W05 SENE SG	No	16	0	0	16
INDU0016	T36NR04W08 NENE S	No	7	0	0	7
INDU0017	MICHIGAN CITY POND	No	6	0	0	6
INDU0018	MICHIGAN CITY POND	No	6	0	0	6
INDU0019	MICHIGAN CITY POND	No	6	0	0	6
INDU0020	MICHIGAN CITY POND	No	3	0	0	3
INDU0021	TRAIL CREEK, APPROXIMATELY .7 MILE UPST OF MOUTH	No	18	0	18	0
INDU0022	MICHIGAN CITY POND	No	6	0	0	6
INDU0023	MICHIGAN CITY POND	No	6	0	0	6
INDU0024	MICHIGAN CITY POND	No	3	0	0	3
INDU0025	TRAIL CREEK WITHIN 0.25 MILE OF LAKE MICHIGAN	No	64	0	64	0
INDU0026	TRAIL CREEK, APPROXIMATELY .6 MILE UPST OF MOUTH	No	18	0	18	0
INDU0027	STREIBIL ARM @ HITCHCOCK RD MICH CITY IND	No	173	0	173	0
INDU0028	LAKE MICHIGAN AT MICHIGAN CITY; WATER SUPPLY SOU	No	93	0	93	0
INDU0029	TRAIL CREEK, APPROXIMATELY .5 MILE UPST OF MOUTH	No	18	0	18	0
INDU0030[1]	TRAIL CREEK AT MICHIGAN CITY AT MI PT 0.5	No	7415	3412	3061	942
INDU0031	TRAIL CR, APPROXIMATELY 1900 FT UPSTREAM OF MTH	No	13	0	0	13
INDU0032	TRAIL CREEK, 1600 FT UPST OF MTH ON NORTH SHORE	No	18	0	18	0
INDU0033	TRAIL CREEK, 1600 FT UPST OF MTH ON SOUTH SHORE	No	18	0	18	0
INDU0034	T36NR04W08 SWSE S	No	8	0	0	8
INDU0035	T36NR04W16 NWNW S	No	7	0	0	7
INDU0036	TRAIL CREEK, 650 FEET UPSTREAM OF MOUTH	No	18	0	18	0
INDU0037	MOUTH OF TRAIL CR, 75 FT UPST OF SM BOAT HARBOR	No	18	0	18	0
INDU0038	T36NR04W08 NWNE S	No	8	0	0	8
INDU0039	MOUTH OF TRAIL CREEK AT MICHIGAN CITY HARBOR	No	13	0	0	13
INDU0040	MOUTH-TRAIL CREEK	No	703	0	703	0
INDU0041	NEAR-SHORE STATION-72	No	279	0	279	0
INDU0042	T36NR04W05 NWSE S	No	7	0	0	7
INDU0043	MICHIGAN CITY HRBR, 100 FT NE OF WEST PIER LIGHT	No	12	0	0	12
INDU0044	NIPSCO MICHIGAN CITY	No	499	0	0	499
INDU0045	NIPSCO MICHIGAN CITY	No	286	0	0	286
INDU0046	MICHIGAN CITY HRBR, 450 FT NW OF E BREAKWATER LT	No	11	0	0	11
INDU0047	MICHIGAN CITY HRBR, 400 FT SW OF E BREAKWATER LT	No	12	0	0	12
INDU0048[1]	LAKE MICHIGAN OFF KIENTZELE DITC	No	2399	0	1915	484
INDU0049	LAKE MICHIGAN (FALL RUN)	No	26	0	7	19
INDU0050	NEAR-SHORE STATION-75	No	49	0	49	0
INDU0051	T36NR04W07 NWSE S	No	7	0	0	7
INDU0052	NEAR-SHORE STATION-74	No	251	0	251	0
INDU0053	NEAR-SHORE STATION-71	No	711	0	711	0
INDU0054	LAKE MICHIGAN OFF BLACK DITCH	No	37	0	0	37
INDU0055[1]	KINTZELE DIT AT US HWY 12 AT PINES IND	Yes	454	0	322	132
INDU0056	KINTZELE DIT AT BEV DR AT BEVERLY SHORES IND	Yes	24	0	24	0
INDU0057	LAKE MICHIGAN OPEN WATER	No	117	0	117	0
INDU0058	LAKE MICHIGAN AT MICHIGAN CITY IND	Yes	9	0	0	9
INDU0059	T36NR04W11 SWNW S	No	9	0	0	9
INDU0060	T36NR04W02 NWSW S	No	8	0	0	8
INDU0061	OFFSHORE STATION-98	No	347	0	347	0
INDU0062	BROWN DIT # US HIGHWAY 12 @ PINE	No	30	0	30	0
INDU0063[1]	BROWN DIT AT U S HWY 12 AT PINES IND	No	383	0	265	118
INDU0064	LAKE MICHIGAN OPEN WATER	No	152	0	152	0
INDU0065	ASH FILL RUNOFF NR PINES IN	No	37	0	37	0
INDU0066	TRIB TO BROWN DIT AB CONFLU OF A	No	30	0	30	0
INDU0067	LAKE MICHIGAN OPEN WATER	No	11	0	0	11
INDU0068	LAKE MICHIGAN OPEN WATER	No	81	0	0	81
INDU0069	OFF-SHORE STATION-121	No	329	0	329	0
INDU0070	OFF-SHORE STATION-144	No	73	0	73	0
INDU0071	E DERBY DIT TRIB AT WELLS ST AT BEV SHORES IND	Yes	34	0	24	10

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Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75
INDU0072	LT CALUMET R @ 450 E RD NR BRUMNUTT ACRES IN	Yes	183	0	183	0
INDU0073	STATION 120-OFFSHORE	No	91	0	91	0
INDU0074		Yes	16	0	16	0
INDU0075	USGS WELL 305-SW NR BEVERLY SHORES,IN	Yes	17	17	0	0
INDU0076	LAKE MICHIGAN AT BEVERLY SHORES IND	Yes	9	0	0	9
INDU0077	NPS WELL NO 1 NR FURNESSVILLE IN	Yes	26	0	26	0
INDU0078	OFF-SHORE STATION-163	No	104	0	104	0
INDU0079	OFF-SHORE STATION-142	No	202	0	202	0
INDU0080	LAKE MICHIGAN OPEN WATER	No	134	0	134	0
INDU0081	MORGAN LAKE, PORTER COUNTY	No	6	0	6	0
INDU0082	LAKE MICHIGAN OPEN WATER	No	149	0	149	0
INDU0083	OFF-SHORE STATION-182	No	45	0	45	0
INDU0084	OFF-SHORE STATION-162	No	272	0	272	0
INDU0085	LAKE MICHIGAN AT DUNES ST PARK	Yes	9	0	0	9
INDU0086	LAKE MICHIGAN OPEN WATER	No	76	0	0	76
INDU0087	LAKE MICHIGAN OPEN WATER	No	13	0	0	13
INDU0088	INDIANA BEACH AT PORTER	No	243	0	0	243
INDU0089	OFF-SHORE STATION-186	Yes	66	0	66	0
INDU0090	SHALLOW WELL 108 DUNE ACRES, IND	Yes	142	0	142	0
INDU0091	DEEP WELL 107, DUNE ACRES, IND.	Yes	144	0	144	0
INDU0092	INDIANA BEACH AT DUNE ACRES	Yes	247	0	0	247
INDU0093[1]	COWLES BOG AT 100 W RD AT DUNE ACRES, IND	Yes	571	0	494	77
INDU0094[1]	LITTLE CALUMET RIVER AT PORTER, IND.	No	520	0	353	167
INDU0095	N INLET COWLES BOG AT DUNE ACRES IND	Yes	37	0	10	27
INDU0096	SHALLOW WELL 104 DUNE ACRES, IND	Yes	193	0	193	0
INDU0097	DEEP WELL 103 DUNES ACRES, IND.	Yes	175	0	175	0
INDU0098[1]	W INLET COWLES BOG AT DUNE ACRES IND	Yes	254	0	221	33
INDU0099	DRIVE POINT D6 DUNE ACRES IND.	Yes	46	0	46	0
INDU0100	DRIVE POINT D7 DUNE ACRES IND.	Yes	67	0	67	0
INDU0101	SURFACE WATER ON N SIDE OF NIPSCO DIKE	No	403	0	403	0
INDU0102	SURFACE WATER ON S SIDE OF NIPSC	No	615	0	615	0
INDU0103[1]	BETHLEHEM STEEL CULVERT AT DUNE ACRES IND	No	446	0	323	123
INDU0104	PRECIP. STATION #3 NR. INTER-DUN	No	109	0	109	0
INDU0105[1]	E. SIDE INTER-DUNAL POND C DUNE ACRES, IN.	Yes	688	0	688	0
INDU0106	DRIVE POINT D5 DUNE ACRES IND.	Yes	65	0	65	0
INDU0107	E-CENTER OF INTERDUNAL POND C	Yes	72	0	72	0
INDU0108	S-OUTLET OF INTERDUNAL POND C	Yes	72	0	72	0
INDU0109	W-CENTER OF INTERDUNAL POND C	Yes	72	0	72	0
INDU0110	STATION 178-OFFSHORE	No	89	0	89	0
INDU0111	DRIVE POINT D4 DUNE ACRES IND.	Yes	65	0	65	0
INDU0112[1]	INTER-DUNAL POND C AT DUNE ACRES IND	Yes	458	0	442	16
INDU0113	NIPSCO ASH POND NO 5 DUNE ACRES,	No	168	0	168	0
INDU0114	NIPSCO ASH POND NO 5 DUNE ACRES	No	177	0	177	0
INDU0115	DEEP WELL 105, BURNS HARBOR, IND.	No	439	0	439	0
INDU0116[1]	SHALLOW WELL 106 DUNE ACRES, IND.	No	574	0	574	0
INDU0117	DRIVE POINT D3 DUNE ACRES IND.	Yes	51	0	51	0
INDU0118	NE CORNER OF INTERDUNAL POND B A	Yes	206	0	206	0
INDU0119	DRIVE POINT D2 DUNE ACRES IND.	Yes	66	0	66	0
INDU0120	INTER DUNAL POND B EAST SIDE AT	Yes	75	0	75	0
INDU0121	N-CENTER OF INTERDUNAL POND B	Yes	74	0	74	0
INDU0122[1]	NIPSCO ASH POND NO 4 AT DUNE ACRES IND	No	376	0	330	46
INDU0123	NIPSCO ASH SETTLING POND NO 3 AT	No	637	0	620	17
INDU0124	PRECIP STATION #1 NR. INTER-DUNAL POND 2	Yes	166	0	166	0
INDU0125	S-CENTER OF INTERDUNAL POND B	Yes	74	0	74	0
INDU0126[1]	INTER-DUNAL POND B AT DUNE ACRES IND	Yes	958	0	881	77
INDU0127	NW CORNER OF INTER-DUNAL POND B	Yes	542	0	542	0
INDU0128	WELL G3 NEAR NIPSCO ASH POND NO	No	35	0	35	0
INDU0129	S.W. CORNER INTER-DUNAL POND B @	Yes	368	0	368	0
INDU0130	NIPSCO ASH POND NO 2 DUNE ACRES	No	452	0	452	0
INDU0131	DEEP WELL 102 DUNE ACRES, IND.	Yes	287	0	287	0
INDU0132	NIPSCO ASH POND #3 DUNES ACRE, I	No	6	0	6	0
INDU0133	DRIVE POINT D1 DUNE ACRES IND.	Yes	66	0	66	0
INDU0134	NIPSCO ASH POND NO.1, DUNE ACRES	Yes	588	0	588	0
INDU0135[1]	WELL # G-1 NR. NIPSCO ASH POND	Yes	429	0	429	0
INDU0136	DEEP WELL 101, DUNE ACRES, IND.	No	315	0	315	0
INDU0137	LAKE MICHIGAN AT DUNE ACRES IND	No	8	0	0	8
INDU0138	NIPSCO BAILLY CHESTERTON	No	541	0	0	541
INDU0139	NIPSCO BAILLY CHESTERTON	No	312	0	0	312
INDU0140[1]	LITTLE CALUMET RIVER-PORTER AT MILE POINT 38.56	Yes	3948	1422	1625	901
INDU0141	OFF-SHORE STATION-177	No	95	0	95	0
INDU0142	LAKE MICHIGAN OPEN WATER	No	118	0	0	118

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INDU0143[1]	SALT CR-PORTAGE U.S. HIGHWAY 20 BR MI PT 1	No	1528	1528	0	0
INDU0144	BETHLEHEM STEEL CHESTERTON	No	4959	0	0	4959
INDU0145	BETHLEHEM STEEL CHESTERTON	No	4192	0	0	4192
INDU0146	NEAR-SHORE STATION-41	No	563	0	563	0
INDU0147	BETHLEHEM STEEL CHESTERTON	No	4672	0	0	4672
INDU0148	BETHLEHEM STEEL CHESTERTON	No	4788	0	0	4788
INDU0149	MOUTH-BURNS WATERWAY HARBOR	No	1001	0	1001	0
INDU0150	LAKE MICHIGAN-BURNS WATERWAY HRB	No	118	0	0	118
INDU0151[1]	LITTLE CALUMET R NR MCCOOL IN	Yes	822	0	822	0
INDU0152	DUNES ST. PK., INDIANA BEACH	No	250	0	0	250
INDU0153	LAKE MICHIGAN OPEN WATER	No	163	0	0	163
INDU0154	LAKE MICHIGAN OPEN WATER	No	0	0	0	0
INDU0155	NEAR-SHORE STATION-40	No	316	0	316	0
INDU0156	BURNS WTRWY HRBR, 1200 FT N OF END OF EAST CH	No	18	0	18	0
INDU0157	LAKE MICHIGAN OPEN WATER	No	89	0	0	89
INDU0158	BURNS WTRWY HRBR, 1800 FT S OF BREAKWTR IN E CH	No	18	0	18	0
INDU0159	BURNS WTRWY HRBR, 300 FT S OF BREAKWTR IN E CH	No	18	0	18	0
INDU0160	LAKE MICHIGAN BURNS DITCH	No	52	0	0	52
INDU0161	LAKE MICHIGAN OPEN WATER	No	142	0	0	142
INDU0162	BURNS WTRWY HRBR, 1500 FT S OF BRKWTR BETWEEN CH	No	18	0	18	0
INDU0163	BURNS WTRWY HRBR, 300 FT S OF BRKWTR BETWEEN CHS	No	18	0	18	0
INDU0164	BURNS DITCH @ HWY 12 NR OGDEN DUNES IND	No	157	0	157	0
INDU0165	NEAR-SHORE STATION-55	No	55	0	55	0
INDU0166	BURNS WTRWY HRBR, 1000 YDS N OF S OF END OF W CH	No	35	0	35	0
INDU0167	BURNS WTRWY HRBR, 800 FT N OF SOUTH END OF CH	No	18	0	18	0
INDU0168	BURNS WTRWY HRBR, 300 FT S OF BREAKWATER IN W CH	No	18	0	18	0
INDU0169[1]	BURNS D CRISMAN RD SR249 1.48MI FROM LK MICHIGAN	No	7847	2025	2668	3154
INDU0170	BURNS WATERWAY RIVER MILE 0.8	No	0	0	0	0
INDU0171	BURNS WATERWAY RIVER MILE 0.8	No	24	0	24	0
INDU0172	LITTLE CALUMET R RM 1.4 (FROM LAKE MICHIGAN)	No	15	0	15	0
INDU0173	MIDWEST STEEL PORTAGE	No	5712	0	0	5712
INDU0174	LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA	No	24	0	24	0
INDU0175	BURNS DITCH RIVER MILE 2.3	No	0	0	0	0
INDU0176	BURNS DITCH RIVER MILE 2.3	No	165	0	165	0
INDU0177	LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA	No	0	0	0	0
INDU0178	LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA	No	24	0	24	0
INDU0179[1]	BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK MICHIGAN	No	11223	5333	2947	2943
INDU0180	LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA	No	0	0	0	0
INDU0181	LAKE MICHIGAN AT MOUTH OF BURNS WATERWAY	No	0	0	0	0
INDU0182	LAKE MICHIGAN AT MOUTH OF BURNS WATERWAY	No	24	0	24	0
INDU0183	BURNS WATERWAY RIVER MILE 0.5	No	0	0	0	0
INDU0184[1]	BURNS DITCH AT MOUTH LAKE MICH.	No	8547	0	3845	4702
INDU0185	BURNS WATERWAY RIVER MILE 0.5	No	24	0	24	0
INDU0186	LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA	No	24	0	24	0
INDU0187	LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA	No	0	0	0	0
INDU0188	LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA	No	0	0	0	0
INDU0189	LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA	No	24	0	24	0
INDU0190[1]	SOUTH SHORE LAKE SURVEY STATION	No	2034	1007	1027	0
INDU0191	SOUTH SHORE LAKE SURVEY STATION 7S	No	237	208	29	0
INDU0192	LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA	No	0	0	0	0
INDU0193	LAKE MICHIGAN OPEN WATER	No	154	0	154	0
INDU0194	SOUTH SHORE LAKE SURVEY STATION 7S	No	82	0	82	0
INDU0195	LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA	No	165	0	165	0
INDU0196	LAKE MICHIGAN OPEN WATER	No	136	0	0	136
INDU0197	W. SIDE OF OGDEN DUNES,IND.BEACH	No	246	0	0	246
INDU0198	E. SIDE OF OGDEN DUNES,IND.BEACH	No	246	0	0	246
INDU0199	LAKE MICHIGAN OPEN WATER	No	154	0	154	0
INDU0200	LAKE MICHIGAN OPEN WATER	No	196	0	0	196
INDU0201	NEAR-SHORE STATION-54	No	488	0	488	0
INDU0202	NEAR-SHORE STATION-66	No	119	0	119	0
INDU0203	NEAR-SHORE STATION-39	No	327	0	327	0
INDU0204	LAKE MICHIGAN OPEN WATER	No	152	0	0	152
INDU0205	BURNS DITCH RIVER MILE 1.4	No	0	0	0	0
INDU0206	LITTLE CALUMET R RM 2.3 (FROM LAKE MICHIGAN)	No	45	0	45	0
INDU0207	BURNS DITCH RIVER MILE 1.4	No	162	0	162	0
INDU0208[1]	BURNS DITCH PORTAGE BOAT YARD 2.64M FROM LK MICH	No	7056	1757	2424	2875
INDU0209	LAKE MICHIGAN AT OGDEN DUNES IND	Yes	9	0	0	9
INDU0210	NEAR-SHORE STATION-65	No	57	0	57	0
INDU0211	NEAR-SHORE STATION-53	No	681	0	681	0
INDU0212	NEAR-SHORE STATION-38	No	368	0	368	0
INDU0213	LAKE MICHIGAN OPEN WATER	No	102	0	0	102

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INDU0214	W END LONG L AT GARY IND	Yes	180	0	102	78
INDU0215	LITTLE CALUMET R RM 3.7 (FROM LAKE MICHIGAN)	No	15	0	15	0
INDU0216	LT CALUMET R @ HWY 20 NR E GARY IN	No	186	0	186	0
INDU0217	NEARSHORE STATION-52	No	128	0	128	0
INDU0218	NEAR-SHORE STATION-64	No	437	0	437	0
INDU0219	LAKE MICHIGAN OPEN WATER	No	133	0	0	133
INDU0220	LITTLE CALUMET R RM 5.3 (FROM LAKE MICHIGAN)	No	45	0	45	0
INDU0221	T36NR07W20 SWSE S	No	9	0	0	9
INDU0222	NEAR-SHORE STATION-63	No	75	0	75	0
INDU0223	NEARSHORE STATION-51	No	103	0	103	0
INDU0224	IND. BEACH AT LAKE ST., GARY	No	245	0	0	245
INDU0225	IND. BEACH, MARQUETTE PK., GARY	No	242	0	0	242
INDU0226	NEAR-SHORE STATION-62	No	164	0	164	0
INDU0227	NEAR-SHORE STATION-50	No	284	0	284	0
INDU0228	LAK164	No	7	0	0	7
INDU0229	GRAND CALUMET R HEADWATERS LAGOON AT LAKE STREET	No	73	0	73	0
INDU0230	GRAND CALUMET R NR MARQUETTE PARK @ E GARY IN	No	179	0	179	0
INDU0231	INDIANA BEACH AT WELLS ST., GARY	No	245	0	0	245
INDU0232	LAKE MICHIGAN OPEN WATER	No	112	0	0	112
INDU0233	LAKE GEORGE, LAKE COUNTY	No	8	0	8	0
INDU0234	NEAR-SHORE STATION-61	No	254	0	254	0
INDU0235	NEAR-SHORE STATION-49	No	507	0	507	0
INDU0236	GRAND CALUMET R NR STEEL MILL LANDFILL @ E GARY	No	180	0	180	0
INDU0237	LAKE MICHIGAN OPEN WATER	No	105	0	0	105
INDU0238	LAKE MICHIGAN OPEN WATER	No	3	0	0	3
INDU0239	TTLE CALUMET AT GARY, INDIANA	No	3	0	0	3
INDU0240	LAKE MICHIGAN OPEN WATER	No	190	0	0	190
INDU0241	NEAR-SHORE STATION-48	No	397	0	397	0
INDU0242	NEAR-SHORE STATION-60	No	356	0	356	0
INDU0243	US.STEEL OUTFALL #1 @ GARY,IN	No	34	0	34	0
INDU0244	US.STEEL OUTFALL #2 @ GARY,IN	No	34	0	34	0
INDU0245	LAKE MICHIGAN OPEN WATER	No	136	0	0	136
INDU0246	GARY BORROW PIT	No	3	0	0	3
INDU0247	GARY BORROW PIT	No	3	0	0	3
INDU0248	GARY BORROW PIT	No	3	0	0	3
INDU0249	GARY BORROW PIT	No	3	0	0	3
INDU0250	GARY BORROW PIT 08	No	3	0	0	3
INDU0251	LAKE MICHIGAN OPEN WATER	No	169	0	0	169
INDU0252	GARY BORROW PIT	No	0	0	0	0
INDU0253	U.S. STEEL GARY WORKS GARY	No	0	0	0	0
INDU0254	GARY BORROW PIT	No	3	0	0	3
INDU0255	GARY BORROW PIT	No	3	0	0	3
INDU0256	GARY BORROW PIT	No	3	0	0	3
INDU0257	GARY BORROW PIT	No	3	0	0	3
INDU0258	GARY BORROW PIT	No	3	0	0	3
INDU0259	GARY BORROW PIT	No	3	0	0	3
INDU0260	GARY BORROW PIT	No	3	0	0	3
INDU0261	US.STEEL OUTFALL #3 @ GARY,IN	No	34	0	34	0
INDU0262	U.S. STEEL GARY WORKS GARY	No	440	0	0	440
INDU0263	US.STEEL OUTFALL #4 @ GARY,IN	No	34	0	34	0
INDU0264	U.S. STEEL GARY WORKS GARY	No	428	0	0	428
INDU0265	U.S.STEEL GARY WORKS	No	384	0	0	384
INDU0266	LITTLE CALUMET R RM 9.7 (FROM LAKE MICHIGAN)	No	45	0	45	0
INDU0267	US.STEEL OUTFALL #5 @ GARY,IN	No	34	0	34	0
INDU0268	NEAR-SHORE STATION-47	No	328	0	328	0
INDU0269	LAKE MICHIGAN OPEN WATER	No	22	0	22	0
INDU0270	SOUTH SHORE LAKE SURVEY STATION 6S	No	208	208	0	0
INDU0271[1]	SOUTH SHORE LAKE SURVEY STATION	No	2079	1008	1071	0
INDU0272	U.S.STEEL GARY WORKS GARY	No	424	0	0	424
INDU0273	LAKE MICHIGAN OPEN WATER	No	205	0	0	205
INDU0274	U.S. STEEL GARY WORKS GARY	No	408	0	0	408
INDU0275	LITTLE CALUMET R RM 10.3 (FROM LAKE MICHIGAN)	No	15	0	15	0
INDU0276	U.S.STEEL GARY WORKS GARY	No	400	0	0	400
INDU0277	U.S.STEEL GARY WORKS GARY	No	424	0	0	424
INDU0278	LAKE MICHIGAN OPEN WATER	No	196	0	0	196
INDU0279	LAKE MICHIGAN OPEN WATER	No	154	0	154	0
INDU0280	U.S. STEEL GARY WORKS GARY	No	424	0	0	424
INDU0281	US.STEEL OUTFALL #6 @ GARY,IN	No	34	0	34	0
INDU0282	LITTLE CALUMET R RM 7.9 (FROM LAKE MICHIGAN)	No	15	0	15	0
INDU0283	GRAND CALUMET R. @ VA. ST. @ GARY,IN	No	34	0	34	0
INDU0284	US.STEEL OUTFALL #7 GARY,IN	No	34	0	34	0

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INDU0285	LAKE MICHIGAN OPEN WATER	No	250	0	0	250
INDU0286	US.STEEL OUTFALL #8 @ GARY,IN	No	37	0	37	0
INDU0287	GARY WATER TREATMENT PLANT	No	0	0	0	0
INDU0288	U.S. STEEL GARY WORKS GARY	No	456	0	0	456
INDU0289	U.S. STEEL GARY WORKS GARY	No	441	0	0	441
INDU0290	U.S. STEEL GARY WORKS GARY	No	904	0	0	904
INDU0291	U.S. STEEL GARY WORKS GARY	No	903	0	0	903
INDU0292	LAKE MICHIGAN OPEN WATER	No	167	0	0	167
INDU0293	T36NR08W03 SWSW L	No	6	0	0	6
INDU0294	MOUTH-GARY HARBOR	No	1024	0	1024	0
INDU0295	NEAR-SHORE STATION-58	No	274	0	274	0
INDU0296	US.STEEL OUTFALL #9 @ GARY,IN	No	34	0	34	0
INDU0297	NEAR-SHORE STATION-46	No	216	0	216	0
INDU0298[1]	LAKE MICHIGAN AT GARY	No	9955	0	0	9955
INDU0299	US.STEEL OUTFALL #10 @ GARY,IN	No	34	0	34	0
INDU0300	US.STEEL OUTFALL #10A @ GARY,IN	No	34	0	34	0
INDU0301	US.STEEL OUTFALL #11 @ GARY,IN	No	34	0	34	0
INDU0302	LAKE MICHIGAN OPEN WATER	No	203	0	0	203
INDU0303	U.S. STEEL GARY WORKS GARY	No	448	0	0	448
INDU0304	US.STEEL OUTFALL #12 @ GARY,IN	No	34	0	34	0
INDU0305	INDIANA TOLL ROAD BRIDGE B	No	25	0	0	25
INDU0306	U.S. STEEL GARY WORKS GARY	No	448	0	0	448
INDU0307	T36NR08W33 NWSW SG	No	10	0	0	10
INDU0308	T36NR08W09 NWSW S	No	7	0	0	7
INDU0309	U.S. STEEL GARY WORKS GARY	No	2264	0	0	2264
INDU0310	T36NR08W21 NWSW L	No	9	0	0	9
INDU0311	NEAR-SHORE STATION-57	No	107	0	107	0
INDU0312	LK MICHIGAN AT FILTRATION PLANT AT GARY, IND.	No	8	0	0	8
INDU0313	T36NR08W32 SENW SG	No	9	0	0	9
INDU0314	T36NR08W32 SENW SG	No	7	0	0	7
INDU0315	U.S. STEEL GARY WORKS GARY	No	328	0	0	328
INDU0316	T36NR08W29 NESW S	No	7	0	0	7
INDU0317	U.S. STEEL GARY WORKS GARY	No	456	0	0	456
INDU0318	U.S. STEEL GARY WORKS GARY	No	1232	0	0	1232
INDU0319	U.S. STEEL UNIVERSAL ATLAS CEMEN	No	448	0	0	448
INDU0320	GRAND CALUMET R. @ BRIDGE ST. @ GARY,IN	No	34	0	34	0
INDU0321[1]	GRAND CALUMET-GARY BRIDGE STREET BR MI PT 42	No	3454	3454	0	0
INDU0322	LITTLE CALUMET R RM 12.9 (FROM LAKE MICHIGAN)	No	45	0	45	0
INDU0323	GRAND CALUMET RIVER AT BRIDGE STREET	No	74	0	74	0
INDU0324	US.STEEL OUTFALL #13 @ GARY,IN	No	37	0	37	0
INDU0325	INDIANA TOLL ROAD BRIDGE A	No	24	0	0	24
INDU0326	U.S. STEEL GARY WORKS GARY	No	1906	0	0	1906
INDU0327	T36NR08W31 NWSE S	No	9	0	0	9
INDU0328[1]	GRAND CALUMET R. + PENNA RR	No	5240	0	0	5240
INDU0329	GARY STP @ GARY, IN	No	35	0	35	0
INDU0330	LITTLE CALUMET R RM 12.4 (FROM LAKE MICHIGAN)	No	45	0	45	0
INDU0331[1]	GRAND CALUMET & INDUSTRIAL, US HWY 12 AT MP 18.4	No	7587	308	2712	4567
INDU0332	GRAND CALUMET R. @ INDUSTRIAL HWY. @ GARY,IN	No	34	0	34	0
INDU0333	GRAND CALUMET RIVER AT INDUSTRIAL HIGHWAY	No	33	0	33	0
INDU0334	T36NR09W25 SENW S	No	7	0	0	7
INDU0335	T36NR09W35 SWNE S	No	5	0	0	5
INDU0336	T35NR09W02 NWSE L	No	10	0	0	10
INDU0337	T35NR09W04 SESW L	No	17	0	0	17

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

Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Parameter Code	Name	Total Obs	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	193	54	29	110	32	4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	7574	728	2553	4293	195	48
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	1292	0	0	1292	6	0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	300	0	42	258	25	10
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	1093	0	1093	0	41	1
00023	SAMPLE WEIGHT IN POUNDS	122	39	83	0	5	0
00024	SAMPLE LENGTH IN INCHES	257	40	211	6	5	0
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	34	1	33	0	24	4
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	111	1	110	0	43	14
00035	WIND VELOCITY (MILES PER HOUR)	157	0	157	0	49	1
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	135	0	135	0	41	1
00040	WIND DIRECTION, AZIMUTH	22	0	22	0	8	0
00041	WEATHER (WMO CODE 4501)	134	0	134	0	41	1
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	4	0	0	4	1	0
00053	SURFACE AREA, ACRES	3	0	3	0	3	0
00056	FLOW, RATE GALLONS/DAY	3090	0	0	3090	26	0
00058	FLOW, RATE GALLONS/MIN	480	0	0	480	1	0
00060	FLOW, STREAM, MEAN DAILY CFS	258	0	72	186	7	1
00061	FLOW, STREAM, INSTANTANEOUS CFS	13	0	12	1	2	2
00065	STAGE, STREAM (FEET)	20	0	20	0	19	1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	906	0	16	890	10	4
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	617	0	0	617	26	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1212	484	509	219	23	2
00077	TRANSPARENCY, SECCHI DISC (INCHES)	123	0	123	0	40	0
00078	TRANSPARENCY, SECCHI DISC (METERS)	22	0	22	0	8	0
00080	COLOR (PLATINUM-COBALT UNITS)	957	0	0	957	14	4
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	234	0	38	196	4	0
00086	ODOR (THRESHOLD NUMBER AT 60 DEG C)	188	92	96	0	2	0
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	1094	0	1094	0	45	4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	1083	0	1083	0	41	1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	4740	718	1461	2561	125	47
00117	PRECIPITATION,DURATION OF STORM EVENT, MINUTES	262	0	0	262	1	0
00151	NITROGEN, AMMONIA, LB/DAYPER CFS STREAMFLOW	1	0	1	0	1	0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	1126	0	1126	0	42	1
00300	OXYGEN, DISSOLVED MG/L	5006	620	1207	3179	97	36
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	822	0	12	810	49	14
00310	BOD, 5 DAY, 20 DEG C MG/L	4196	364	810	3022	44	1
00311	BOD, DISSOLVED, 5 DAY MG/L	39	0	0	39	3	0
00335	COD, .025N K2CR2O7 MG/L	1949	693	745	511	15	1
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	67	0	62	5	45	0
00340	COD, .25N K2CR2O7 MG/L	236	0	7	229	4	0
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	252	0	0	252	1	0
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	233	0	0	233	1	0
00400	PH (STANDARD UNITS)	7845	668	2370	4807	188	48
00403	PH, LAB, STANDARD UNITS SU	2537	707	839	991	38	5
00405	CARBON DIOXIDE (MG/L AS CO2)	323	0	302	21	60	39
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	4393	668	782	2943	139	42
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	27	0	0	27	25	0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	5	0	5	0	3	1
00440	BICARBONATE ION (MG/L AS HCO3)	352	0	325	27	55	39
00445	CARBONATE ION (MG/L AS CO3)	313	0	304	9	69	35
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	31	0	31	0	15	0
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	16	0	16	0	10	0
00500	RESIDUE, TOTAL (MG/L)	1010	670	91	249	22	2
00505	RESIDUE, TOTAL VOLATILE (MG/L)	2	0	0	2	1	0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	1166	0	4	1162	33	2
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	178	0	0	178	5	0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	1	1	0	0	1	1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	5250	774	930	3546	70	3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	1027	25	244	758	10	1
00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	1	0	1	0	1	0
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	3271	79	1	3191	40	1
00553	OIL & GREASE,SED,DRY WT,HXANE EXTR-GRAV METH,MG/KG	5	0	0	5	5	0
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	728	111	382	235	9	1
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	51	0	51	0	32	0
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	18	0	18	0	9	3
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	18	0	18	0	9	3
00600	NITROGEN, TOTAL (MG/L AS N)	79	0	64	15	32	9
00602	NITROGEN, DISSOLVED (MG/L AS N)	33	0	33	0	14	6
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	618	54	189	375	29	10
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	47	0	47	0	16	6

Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Parameter Code	Name	Total Obs	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	47	0	47	0	16	6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	4377	775	1319	2283	129	11
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	42	0	40	2	32	0
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	1	0	0	1	1	0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	62	0	49	13	32	8
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	23	0	0	23	2	0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	1150	0	30	1120	44	9
00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	5	0	0	5	5	0
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	50	0	47	3	17	6
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	6	0	6	0	1	1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	1225	349	870	6	94	11
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	20	0	16	4	14	0
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	46	0	46	0	30	0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	2476	775	1298	403	79	11
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	66	0	66	0	35	6
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	16	0	16	0	10	0
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	29	0	0	29	1	0
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	13	0	3	10	4	1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	1240	92	96	1052	34	1
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	607	92	96	419	4	0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	172	0	172	0	52	32
00665	PHOSPHORUS, TOTAL (MG/L AS P)	2400	685	1223	492	97	11
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	151	4	106	41	27	6
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	67	0	62	5	45	0
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	225	0	225	0	59	32
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	497	38	434	25	30	3
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	240	0	217	23	43	23
00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	3	0	3	0	3	3
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	26	0	26	0	17	10
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	1	0	1	0	1	1
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	2	0	2	0	2	2
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	3496	595	931	1970	74	1
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	41	0	37	4	26	8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	3031	671	726	1634	103	41
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	388	0	362	26	59	39
00910	CALCIUM (MG/L AS CACO3)	304	222	82	0	8	0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	496	5	396	95	95	41
00916	CALCIUM, TOTAL (MG/L AS CA)	14	4	4	6	11	4
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	14	0	14	0	6	0
00920	MAGNESIUM (MG/L AS CACO3)	242	89	82	71	18	0
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	33	0	33	0	23	0
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	481	5	392	84	92	41
00927	MAGNESIUM, TOTAL (MG/L AS MG)	15	4	6	5	10	3
00929	SODIUM, TOTAL (MG/L AS NA)	720	299	202	219	15	1
00930	SODIUM, DISSOLVED (MG/L AS NA)	417	5	374	38	66	41
00931	SODIUM ADSORPTION RATIO	401	0	375	26	62	40
00932	SODIUM, PERCENT	402	0	375	27	62	40
00933	SODIUM,PLUS POTASSIUM (MG/L)	20	0	20	0	14	6
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	14	0	14	0	6	0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	489	5	375	109	78	41
00937	POTASSIUM, TOTAL MG/L AS K)	448	28	201	219	14	1
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	9	0	9	0	3	0
00940	CHLORIDE,TOTAL IN WATER MG/L	4756	405	1668	2683	198	43
00945	SULFATE, TOTAL (MG/L AS SO4)	4456	176	1649	2631	192	43
00950	FLUORIDE, DISSOLVED (MG/L AS F)	363	0	352	11	74	34
00951	FLUORIDE, TOTAL (MG/L AS F)	2139	177	198	1764	17	0
00955	SILICA, DISSOLVED (MG/L AS SI02)	928	421	448	59	80	34
00956	SILICA, TOTAL (MG/L AS SI02)	302	4	298	0	44	1
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	341	0	170	171	6	0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	209	0	193	16	34	20
01001	ARSENIC, SUSPENDED (UG/L AS AS)	23	0	23	0	22	16
01002	ARSENIC, TOTAL (UG/L AS AS)	883	418	462	3	74	19
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	86	0	81	5	57	9
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	19	6	13	0	3	0
01005	BARIUM, DISSOLVED (UG/L AS BA)	114	4	98	12	29	17
01006	BARIUM, SUSPENDED (UG/L AS BA)	24	0	24	0	22	16
01007	BARIUM, TOTAL (UG/L AS BA)	525	286	239	0	65	18
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	49	0	49	0	34	6
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	53	4	37	12	26	15
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	21	0	21	0	21	15
01012	BERYLLIUM, TOTAL (UG/L AS BE)	63	42	21	0	26	15

Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Parameter Code	Name	Total Obs	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	18	0	18	0	10	2
01020	BORON, DISSOLVED (UG/L AS B)	233	4	217	12	48	28
01021	BORON, SUSPENDED (UG/L AS B)	21	0	21	0	21	15
01022	BORON, TOTAL (UG/L AS B)	33	4	29	0	25	16
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	29	0	29	0	25	2
01025	CADMIUM, DISSOLVED (UG/L AS CD)	244	4	191	49	47	20
01026	CADMIUM, SUSPENDED (UG/L AS CD)	32	0	24	8	24	16
01027	CADMIUM, TOTAL (UG/L AS CD)	1039	212	634	193	74	19
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	145	0	111	34	87	11
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	102	0	98	4	57	7
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	101	4	42	55	39	17
01031	CHROMIUM, SUSPEND (UG/L AS CR)	21	0	21	0	21	15
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	642	185	292	165	25	0
01034	CHROMIUM, TOTAL (UG/L AS CR)	3240	650	894	1696	96	19
01035	COBALT, DISSOLVED (UG/L AS CO)	37	4	20	13	19	8
01036	COBALT, SUSPENDED (UG/L AS CO)	3	0	3	0	1	1
01037	COBALT, TOTAL (UG/L AS CO)	15	4	11	0	5	2
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	46	0	42	4	21	7
01040	COPPER, DISSOLVED (UG/L AS CU)	167	4	123	40	41	18
01041	COPPER, SUSPENDED (UG/L AS CU)	24	0	24	0	22	16
01042	COPPER, TOTAL (UG/L AS CU)	1060	215	653	192	92	19
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	105	0	101	4	57	7
01044	IRON, SUSPENDED (UG/L AS FE)	3	0	3	0	1	1
01045	IRON, TOTAL (UG/L AS FE)	2670	370	840	1460	104	22
01046	IRON, DISSOLVED (UG/L AS FE)	641	190	326	125	85	34
01047	IRON, FERROUS (UG/L AS FE)	14	0	0	14	1	0
01049	LEAD, DISSOLVED (UG/L AS PB)	231	4	178	49	46	19
01050	LEAD, SUSPENDED (UG/L AS PB)	32	0	24	8	24	16
01051	LEAD, TOTAL (UG/L AS PB)	1396	308	898	190	92	19
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	154	0	116	38	91	11
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	57	0	48	9	33	3
01054	MANGANESE, SUSPENDED (UG/L AS MN)	24	0	24	0	22	16
01055	MANGANESE, TOTAL (UG/L AS MN)	787	228	348	211	49	22
01056	MANGANESE, DISSOLVED (UG/L AS MN)	331	4	327	0	58	34
01059	THALLIUM, TOTAL (UG/L AS TL)	38	38	0	0	3	0
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	196	0	184	12	29	18
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	21	0	21	0	21	15
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	30	0	30	0	24	16
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	23	0	23	0	14	6
01065	NICKEL, DISSOLVED (UG/L AS NI)	230	4	186	40	42	19
01066	NICKEL, SUSPENDED (UG/L AS NI)	23	0	23	0	22	16
01067	NICKEL, TOTAL (UG/L AS NI)	819	211	412	196	58	19
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	86	0	86	0	55	9
01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	12	0	0	12	1	0
01075	SILVER, DISSOLVED (UG/L AS AG)	19	4	3	12	4	1
01076	SILVER, SUSPENDED (UG/L AS AG)	3	0	3	0	1	1
01077	SILVER, TOTAL (UG/L AS AG)	499	286	213	0	43	2
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12	0	12	0	10	0
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	200	4	184	12	31	18
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	21	0	21	0	21	15
01082	STRONTIUM, TOTAL (UG/L AS SR)	34	4	30	0	26	16
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	18	0	18	0	12	6
01085	VANADIUM, DISSOLVED (UG/L AS V)	16	4	0	12	3	0
01087	VANADIUM, TOTAL (UG/L AS V)	26	4	22	0	22	1
01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	5	0	5	0	3	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	243	4	190	49	46	20
01091	ZINC, SUSPENDED (UG/L ZN)	31	0	23	8	23	15
01092	ZINC, TOTAL (UG/L AS ZN)	886	224	467	195	57	18
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	145	0	107	38	84	11
01097	ANTIMONY, TOTAL (UG/L AS SB)	38	38	0	0	3	0
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	9	0	9	0	3	0
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	5	0	5	0	3	0
01105	ALUMINUM, TOTAL (UG/L AS AL)	49	4	29	16	29	18
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	189	4	185	0	30	18
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	21	0	21	0	21	15
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	39	0	39	0	21	9
01145	SELENIUM, DISSOLVED (UG/L AS SE)	22	0	20	2	16	8
01146	SELENIUM, SUSPENDED (UG/L AS SE)	3	0	3	0	1	1
01147	SELENIUM, TOTAL (UG/L AS SE)	490	278	212	0	42	2
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	22	0	22	0	15	2
01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	5	0	5	0	3	0

Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Parameter Code	Name	Total Obs	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	68	0	63	5	44	2
01300	OIL-GREASE (SEVERITY)	145	0	0	145	1	0
01305	DETERGENT SUDS (SEVERITY)	1	0	0	1	1	0
01320	GARBAGE, FLOATING (SEVERITY)	1	0	0	1	1	0
01350	TURBIDITY (SEVERITY)	1	0	0	1	1	0
01501	ALPHA, TOTAL	65	0	0	65	1	0
01502	ALPHA, TOTAL, COUNTING ERROR	43	0	0	43	1	0
01503	ALPHA, DISSOLVED	118	0	40	78	3	0
01504	ALPHA, DISSOLVED, COUNTING ERROR	129	0	65	64	3	0
01505	ALPHA, SUSPENDED	132	0	51	81	2	0
01506	ALPHA, SUSPENDED, COUNTING ERROR	129	0	65	64	3	0
01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	7	0	7	0	4	3
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	8	0	8	0	4	3
03501	BETA, TOTAL	167	0	0	167	9	1
03502	BETA, TOTAL, COUNTING ERROR	114	0	0	114	1	0
03503	BETA, DISSOLVED	237	0	65	172	3	0
03504	BETA, DISSOLVED, COUNTING ERROR	200	0	65	135	3	0
03505	BETA, SUSPENDED	232	0	61	171	2	0
03506	BETA, SUSPENDED, COUNTING ERROR	200	0	65	135	3	0
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	13	0	13	0	7	4
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	13	0	13	0	7	4
04022	TERBUTHYLAZINE,DISSOLVED,WATER,TOT RECOVERABL UG/L	262	0	0	262	1	0
13501	STRONTIUM 90, TOTAL	16	0	0	16	1	0
13502	STRONTIUM 90, TOTAL, COUNTING ERROR	1	0	0	1	1	0
27502	YTTRIUM 90, TOTAL, COUNTING ERROR	50	0	0	50	2	0
29620	PHOSPHORUS 32, TOTAL	1	0	1	0	1	0
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	1699	22	167	1510	49	12
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	628	92	96	440	3	0
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	78	0	0	78	4	0
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	399	0	0	399	8	1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	2345	370	977	998	49	13
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	5	0	5	0	1	1
31648	E. COLI - MTEC-MF N0/100ML	384	384	0	0	8	1
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	292	0	49	243	12	4
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	234	90	108	36	19	12
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	30	0	30	0	7	0
31753	TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	188	92	96	0	2	0
31856	FUNGI,7 DAY,NUMBER OF COLONIES PER ML	186	92	94	0	2	0
32000	SAMPLE SIZE (LITERS)	26	0	0	26	1	0
32001	SAMPLE SIZE (GALLONS)	127	0	0	127	1	0
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	133	0	0	133	1	0
32004	CARBON ALCOHOL EXTRACTABLES	133	0	0	133	1	0
32005	CARBON CHLOROFORM EXTRACTABLES	133	0	0	133	1	0
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	43	0	0	43	1	0
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	43	0	0	43	1	0
32023	ACIDS, STRONG	43	0	0	43	1	0
32024	ACIDS, WEAK	43	0	0	43	1	0
32025	BASES	43	0	0	43	1	0
32026	NEUTRALS, TOTAL	43	0	0	43	1	0
32027	ALIPHATICS FRACTION OF NEUTRALS	43	0	0	43	1	0
32028	AROMATICS FRACTION OF NEUTRALS	43	0	0	43	1	0
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	43	0	0	43	1	0
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	36	35	1	0	6	0
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	36	35	1	0	6	0
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	31	31	0	0	3	0
32104	BROMOFORM,WHOLE WATER,UG/L	36	35	1	0	6	0
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	36	35	1	0	6	0
32106	CHLOROFORM,WHOLE WATER,UG/L	36	35	1	0	6	0
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	52	0	52	0	7	0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	4	4	0	0	2	0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	4	4	0	0	2	0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	4	4	0	0	2	0
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	52	0	52	0	7	0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	4	4	0	0	2	0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	4	4	0	0	2	0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	2781	417	593	1771	100	2
32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	4	0	4	0	2	0
32732	PHENOLICS,DISSOLVED,UG/L	31	31	0	0	3	0
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	31	31	0	0	3	0
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	31	31	0	0	3	0
34200	ACENAPHTHYLENE TOTWUG/L	31	31	0	0	3	0

Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Parameter Code	Name	Total Obs	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34204	ACENAPHTHYLENE WET WGTTISMG/KG	4	4	0	0	2	0
34205	ACENAPHTHENE TOTWUG/L	31	31	0	0	3	0
34209	ACENAPHTHENE WET WGTTISMG/KG	4	4	0	0	2	0
34220	ANTHRACENE TOTWUG/L	31	31	0	0	3	0
34224	ANTHRACENE WET WGTTISMG/KG	4	4	0	0	2	0
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	31	31	0	0	3	0
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	4	4	0	0	2	0
34238	BENZENE WET WGTTISMG/KG	5	5	0	0	2	0
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	31	31	0	0	3	0
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	4	4	0	0	2	0
34247	BENZO-A-PYRENE TOTWUG/L	31	31	0	0	3	0
34251	BENZO-A-PYRENE WET WGTTISMG/KG	4	4	0	0	2	0
34257	B-BHC-BETA DRY WGTBOTUG/KG	9	0	9	0	3	0
34258	B-BHC-BETA WET WGTTISMG/KG	25	17	8	0	2	0
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	31	31	0	0	3	0
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	9	0	9	0	3	0
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	13	9	4	0	2	0
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	31	31	0	0	3	0
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	4	4	0	0	2	0
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	31	31	0	0	3	0
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	4	4	0	0	2	0
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	31	31	0	0	3	0
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	4	4	0	0	2	0
34291	BROMOFORM WET WGTTISMG/KG	5	5	0	0	2	0
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	31	31	0	0	3	0
34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	4	4	0	0	2	0
34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	5	5	0	0	2	0
34301	CHLOROBENZENE TOTWUG/L	35	35	0	0	5	0
34305	CHLOROBENZENE WET WGTTISMG/KG	5	5	0	0	2	0
34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	5	5	0	0	2	0
34315	CHLOROETHANE WET WGTTISMG/KG	5	5	0	0	2	0
34319	CHLOROFORM WET WGTTISMG/KG	5	5	0	0	2	0
34320	CHRYSENE TOTWUG/L	31	31	0	0	3	0
34324	CHRYSENE WET WGTTISMG/KG	4	4	0	0	2	0
34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	5	5	0	0	2	0
34336	DIETHYL PHTHALATE TOTWUG/L	31	31	0	0	3	0
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	4	4	0	0	2	0
34341	DIMETHYL PHTHALATE TOTWUG/L	31	31	0	0	3	0
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	4	4	0	0	2	0
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	31	31	0	0	3	0
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	9	0	9	0	3	0
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	5	5	0	0	2	0
34356	ENDOSULFAN, BETA TOTWUG/L	1	0	1	0	1	0
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	9	0	9	0	3	0
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	5	5	0	0	2	0
34361	ENDOSULFAN, ALPHA TOTWUG/L	1	0	1	0	1	0
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	9	0	9	0	3	0
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	5	5	0	0	2	0
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	9	0	9	0	3	0
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	5	5	0	0	2	0
34375	ETHYLBENZENE WET WGTTISMG/KG	5	5	0	0	2	0
34376	FLUORANTHENE TOTWUG/L	31	31	0	0	3	0
34380	FLUORANTHENE WET WGTTISMG/KG	4	4	0	0	2	0
34381	FLUORENE TOTWUG/L	31	31	0	0	3	0
34385	FLUORENE WET WGTTISMG/KG	4	4	0	0	2	0
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	31	31	0	0	3	0
34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	4	4	0	0	2	0
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	4	4	0	0	2	0
34396	HEXACHLOROETHANE TOTWUG/L	31	31	0	0	3	0
34400	HEXACHLOROETHANE WET WGTTISMG/KG	4	4	0	0	2	0
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	31	31	0	0	3	0
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	4	4	0	0	2	0
34408	ISOPHORONE TOTWUG/L	31	31	0	0	3	0
34412	ISOPHORONE WET WGTTISMG/KG	4	4	0	0	2	0
34417	METHYL BROMIDE WET WGTTISMG/KG	5	5	0	0	2	0
34422	METHYL CHLORIDE WET WGTTISMG/KG	5	5	0	0	2	0
34423	METHYLENE CHLORIDE TOTWUG/L	36	35	1	0	6	0
34427	METHYLENE CHLORIDE WET WGTTISMG/KG	5	5	0	0	2	0
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	31	31	0	0	3	0
34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	4	4	0	0	2	0
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	4	4	0	0	2	0

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Parameter Code	Name	Total Obs	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34446	NAPHTHALENE WET WGTTISMG/KG	4	4	0	0	2	0
34447	NITROBENZENE TOTWUG/L	31	31	0	0	3	0
34451	NITROBENZENE WET WGTTISMG/KG	4	4	0	0	2	0
34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	4	4	0	0	2	0
34461	PHENANTHRENE TOTWUG/L	31	31	0	0	3	0
34465	PHENANTHRENE WET WGTTISMG/KG	4	4	0	0	2	0
34468	PHENOL WET WGTTISMG/KG	4	4	0	0	2	0
34469	PYRENE TOTWUG/L	31	31	0	0	3	0
34473	PYRENE WET WGTTISMG/KG	4	4	0	0	2	0
34475	TETRACHLOROETHYLENE TOTWUG/L	35	35	0	0	5	0
34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	5	5	0	0	2	0
34480	THALLIUM DRY WGTBOTMG/KG	9	0	9	0	3	0
34484	TOLUENE WET WGTTISMG/KG	5	5	0	0	2	0
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	31	31	0	0	3	0
34496	1,1-DICHLOROETHANE TOTWUG/L	35	35	0	0	5	0
34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	5	5	0	0	2	0
34501	1,1-DICHLOROETHYLENE TOTWUG/L	35	35	0	0	5	0
34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	5	5	0	0	2	0
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	35	35	0	0	5	0
34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	5	5	0	0	2	0
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	31	31	0	0	3	0
34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	5	5	0	0	2	0
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	31	31	0	0	3	0
34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	5	5	0	0	2	0
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	31	31	0	0	3	0
34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	4	4	0	0	2	0
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	31	31	0	0	3	0
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	4	4	0	0	2	0
34531	1,2-DICHLOROETHANE TOTWUG/L	4	4	0	0	2	0
34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	5	5	0	0	2	0
34536	1,2-DICHLOROBENZENE TOTWUG/L	31	31	0	0	3	0
34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	4	4	0	0	2	0
34541	1,2-DICHLOROPROPANE TOTWUG/L	31	31	0	0	3	0
34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	5	5	0	0	2	0
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	35	35	0	0	5	0
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	31	31	0	0	3	0
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	4	4	0	0	2	0
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	31	31	0	0	3	0
34566	1,3-DICHLOROBENZENE TOTWUG/L	31	31	0	0	3	0
34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	4	4	0	0	2	0
34571	1,4-DICHLOROBENZENE TOTWUG/L	31	31	0	0	3	0
34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	4	4	0	0	2	0
34581	2-CHLORONAPHTHALENE TOTWUG/L	31	31	0	0	3	0
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	4	4	0	0	2	0
34586	2-CHLOROPHENOL TOTWUG/L	31	31	0	0	3	0
34590	2-CHLOROPHENOL WET WGTTISMG/KG	4	4	0	0	2	0
34591	2-NITROPHENOL TOTWUG/L	31	31	0	0	3	0
34595	2-NITROPHENOL WET WGTTISMG/KG	4	4	0	0	2	0
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	31	31	0	0	3	0
34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	4	4	0	0	2	0
34601	2,4-DICHLOROPHENOL TOTWUG/L	35	35	0	0	4	0
34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	4	4	0	0	2	0
34606	2,4-DIMETHYLPHENOL TOTWUG/L	31	31	0	0	3	0
34611	2,4-DINITROTOLUENE TOTWUG/L	31	31	0	0	3	0
34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	4	4	0	0	2	0
34616	2,4-DINITROPHENOL TOTWUG/L	31	31	0	0	3	0
34620	2,4-DINITROPHENOL WET WGTTISMG/KG	4	4	0	0	2	0
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	31	31	0	0	3	0
34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	4	4	0	0	2	0
34626	2,6-DINITROTOLUENE TOTWUG/L	31	31	0	0	3	0
34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	4	4	0	0	2	0
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	4	4	0	0	2	0
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	31	31	0	0	3	0
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	4	4	0	0	2	0
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	31	31	0	0	3	0
34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	4	4	0	0	2	0
34646	4-NITROPHENOL TOTWUG/L	31	31	0	0	3	0
34650	4-NITROPHENOL WET WGTTISMG/KG	4	4	0	0	2	0
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	4	4	0	0	2	0
34669	PCB - 1248 WET WGTTISMG/KG	3	0	3	0	1	0
34670	PCB - 1260 WET WGTTISMG/KG	3	0	3	0	1	0

Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Parameter Code	Name	Total Obs	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34678	2,3,7,8-TETRACHLORODIBENZO-P-DIOXINDRY WGTBOTUG/KG	6	0	6	0	2	0
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	5	5	0	0	2	0
34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	4	4	0	0	2	0
34685	ENDRIN WET WGTTISMG/KG	9	5	4	0	3	0
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	27	17	10	0	2	0
34687	HEPTACHLOR WET WGTTISMG/KG	5	5	0	0	2	0
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	31	16	15	0	3	0
34690	PCB - 1254 WET WGTTISMG/KG	68	0	40	28	3	0
34691	TOXAPHENE WET WGTTISMG/KG	8	5	3	0	3	0
34692	TRICHLOROETHYLENE WET WGTTISMG/KG	5	5	0	0	2	0
34693	VINYL CHLORIDE WET WGTTISMG/KG	5	5	0	0	2	0
34696	NAPHTHALENE TOTWUG/L	31	31	0	0	3	0
34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	5	5	0	0	2	0
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	31	31	0	0	3	0
34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	5	5	0	0	2	0
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	31	31	0	0	3	0
34705	CIS-1,3-DICHLOROPROPENE DISSOLVED IN WATER UG/L	3	3	0	0	3	0
34716	DICHLOROBENZENE (ISOMERS) M/P IN WATER UG/L	4	4	0	0	2	0
35260	INVALID PARAMETER	1	0	0	1	1	0
37230	INVALID PARAMETER	1	0	0	1	1	0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	323	0	11	312	32	5
38280	INVALID PARAMETER	1	0	0	1	1	0
39030	TREFLAN, MICROCOULOMETRIC,WATER SAMPLE (UG/L)	1	0	1	0	1	0
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	35	35	0	0	5	0
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	4	4	0	0	2	0
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	4	4	0	0	2	0
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	46	17	29	0	4	0
39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	1	0	1	0	1	0
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	4	4	0	0	2	0
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	46	17	29	0	4	0
39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	1	0	1	0	1	0
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	28	12	16	0	2	0
39070	CHLORDANE-NONACHLOR,CIS ISO BOTTOM DEPOS UG/KG	1	0	1	0	1	0
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	39	12	27	0	4	0
39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	1	0	1	0	1	0
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	28	17	11	0	3	0
39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	18	12	6	0	2	0
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	10	0	10	0	4	0
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	4	4	0	0	2	0
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	94	31	38	25	8	1
39105	PERCENT FAT HEXANE EXTRACTION	177	11	121	45	7	0
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	31	31	0	0	3	0
39150	DICHLONE (2,3-DICHLORO-1,4-NAPHTHOQUINONE) UG/L	1	0	1	0	1	0
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	35	35	0	0	5	0
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	5	4	1	0	3	0
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10	0	10	0	4	0
39302	P P DDT IN TISSUE WET WGT (UG/G)	215	11	133	71	8	0
39303	P P DDT IN TISSUE, FAT BASIS (UG/G)	14	6	8	0	3	0
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	5	4	1	0	3	0
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39307	O P DDT IN TISSUE WET WGT (UG/G)	5	5	0	0	2	0
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	5	4	1	0	3	0
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10	0	10	0	4	0
39312	P P DDD IN TISSUE WET WGT (UG/G)	205	6	134	65	7	0
39313	P P DDD IN TISSUE, FAT BASIS (UG/G)	19	6	13	0	3	0
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	5	4	1	0	3	0
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39317	P,P' DDT IN FISH OR ANIMAL BY WET WEIGHT UG/KG	5	5	0	0	2	0
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	5	4	1	0	3	0
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10	0	10	0	4	0
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	219	11	137	71	8	0
39323	P P DDE IN TISSUE, FAT BASIS (UG/G)	19	6	13	0	3	0
39325	O,P DDD IN TISSUE WET WGT (UG/G)	5	5	0	0	2	0
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	5	4	1	0	3	0
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	2	0	2	0	1	0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	67	35	22	10	13	0
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	63	0	57	6	23	7
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	35	35	0	0	5	0
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	32	31	1	0	4	0
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	46	35	1	10	7	0

Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Parameter Code	Name	Total Obs	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	46	0	40	6	18	7
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	36	35	1	0	6	0
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	48	0	42	6	18	7
39357	RONNEL IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	3	0	3	0	1	0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	41	31	0	10	4	0
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	36	0	30	6	14	7
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	62	31	21	10	10	0
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	51	0	45	6	19	7
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	66	35	21	10	12	0
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	51	0	45	6	19	7
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	92	0	91	1	3	0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	67	35	22	10	13	0
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	63	0	57	6	23	7
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	31	31	0	0	3	0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	67	35	22	10	13	0
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	63	0	57	6	23	7
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	13	0	7	6	7	5
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	52	31	21	0	9	0
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	60	0	54	6	22	7
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	271	11	218	42	7	0
39405	DIELDRIN IN TISSUE, FAT BASIS (UG/G)	17	6	11	0	3	0
39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	3	0	3	0	1	0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	41	31	0	10	4	0
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	48	0	42	6	18	7
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	42	31	1	10	5	0
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	48	0	42	6	18	7
39430	ISODRIN IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	57	35	22	0	12	0
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	18	0	18	0	6	0
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	32	31	1	0	4	0
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	16	0	16	0	10	0
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	31	31	0	0	3	0
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	16	0	16	0	10	0
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	32	31	1	0	4	0
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	21	0	21	0	13	0
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	32	31	1	0	4	0
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	16	0	16	0	10	0
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	32	31	1	0	4	0
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	21	0	21	0	13	0
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	32	31	1	0	4	0
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	16	0	16	0	10	0
39512	PCB - 1254 IN FISH OR ANIMALS WET WGT UG/KG	3	0	3	0	1	0
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	16	0	16	0	10	0
39515	PCBS (MG/KG) FISH TISSUE MG/KG	237	17	202	18	5	0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	102	12	63	27	16	1
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	73	0	67	6	29	7
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	13	0	7	6	7	5
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	13	0	7	6	7	5
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	13	0	7	6	7	5
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	13	0	7	6	7	5
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	36	35	1	0	6	0
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	1	0	1	0	1	0
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	31	31	0	0	3	0
39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	5	5	0	0	2	0
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	22	0	22	0	7	0
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	15	0	15	0	5	0
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	22	0	22	0	7	0
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	15	0	15	0	5	0
39755	MIREX, TOTAL (UG/L)	1	0	1	0	1	0
39770	DACTHAL (DCPA) IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	21	0	21	0	6	0
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	18	0	18	0	6	0
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	5	5	0	0	2	0

Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Parameter Code	Name	Total Obs	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	13	0	7	6	7	5
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	13	0	7	6	7	5
39808	TEDION(TETRADIFON) IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
40032	INVALID PARAMETER	3	0	0	3	1	0
45511	XYLENE TISSUE ,WET WGT,MG/KG	5	5	0	0	2	0
45514	YTTRIUM IN SEDIMENT (MG/KG AS YTTRIUM DRY WT)	5	0	5	0	3	0
47501	WEATHER AT TIME OF SAMPLING	500	500	0	0	8	1
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	1	0	0	1	1	0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	77	0	0	77	4	0
60050	ALGAE, TOTAL (CELLS/ML)	289	89	98	102	5	1
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	102	0	0	102	1	0
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	102	0	0	102	1	0
60200	ALGAE, COCCOID GREEN (CELLS/ML)	102	0	0	102	1	0
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	101	0	0	101	1	0
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	120	0	18	102	19	0
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	102	0	0	102	1	0
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	82	0	0	82	1	0
60391	DIATOMS,PERCENT OF TOTAL,SECOND DOMINANT SPECIES	3	0	0	3	1	0
60392	DIATOMS,PERCENT OF TOTAL,THIRD DOMINANT SPECIES	3	0	0	3	1	0
60393	DIATOMS,PERCENT OF TOTAL,FOURTH DOMINANT SPECIES	3	0	0	3	1	0
60394	DIATOMS,PERCENT OF TOTAL,ALL OTHER SPECIES	3	0	0	3	1	0
60400	DIATOMS, CENTRIC (/ML)	102	0	0	102	1	0
60600	DIATOMS, PENNATE (/ML)	102	0	0	102	1	0
60610	DIATOM, INERT SHELLS - CENTRIC (/ML)	12	0	0	12	1	0
60620	DIATOM, INERT SHELLS - PENNATE (/ML)	12	0	0	12	1	0
60820	PROTOZOA, TOTAL (/ML)	25	0	0	25	1	0
60850	ROTIFERS, TOTAL (/LITER)	39	0	0	39	1	0
60900	CRUSTACEA, TOTAL (/LITER)	39	0	0	39	1	0
60950	NEMATODES, TOTAL (/LITER)	39	0	0	39	1	0
60990	ZOOPLANKTON OTHER (/LITER)	39	0	0	39	1	0
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE	3	0	0	3	1	0
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE	3	0	0	3	1	0
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE	3	0	0	3	1	0
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE	3	0	0	3	1	0
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)	22	0	22	0	8	0
70222	WAVE HEIGHT (WMO CODE 1555)	156	0	156	0	49	1
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	315	180	113	22	50	5
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	334	0	334	0	53	34
70302	SOLIDS, DISSOLVED-TONS PER DAY	10	0	10	0	1	1
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	328	0	328	0	52	33
70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	19	0	19	0	9	0
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	22	0	22	0	10	0
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	4	0	4	0	1	1
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	1064	0	23	1041	18	0
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	18	0	18	0	9	3
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	18	0	18	0	9	3
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	18	0	18	0	9	3
71000	COUNT LEVEL OF MOST ABNDNT ALGAE1ST DOMINANT /ML	3	0	0	3	1	0
71001	COUNT LEVEL OF MOST ABNDNT ALGAE2ND DOMINANT /ML	3	0	0	3	1	0
71002	COUNT LEVEL OF MOST ABNDNT ALGAE3RD DOMINANT /ML	3	0	0	3	1	0
71003	COUNT LEVEL OF MOST ABNDNT ALGAE4TH DOMINANT /ML	3	0	0	3	1	0
71004	COUNT LEVEL OF MOST ABNDNT ALGAE5TH DOMINANT /ML	1	0	0	1	1	0
71005	COUNT LEVEL OF MOST ABNDNT ALGAE6TH DOMINANT /ML	1	0	0	1	1	0
71010	GENUS OF MOST ABUNDANT ALGAE 1ST DOMINANT /ML	3	0	0	3	1	0
71011	GENUS OF MOST ABUNDANT ALGAE 2ND DOMINANT /ML	3	0	0	3	1	0
71012	GENUS OF MOST ABUNDANT ALGAE 3RD DOMINANT /ML	3	0	0	3	1	0
71013	GENUS OF MOST ABUNDANT ALGAE 4TH DOMINANT /ML	3	0	0	3	1	0
71014	GENUS OF MOST ABUNDANT ALGAE 5TH DOMINANT /ML	1	0	0	1	1	0
71015	GENUS OF MOST ABUNDANT ALGAE 6TH DOMINANT /ML	1	0	0	1	1	0
71825	ACIDITY, TOTAL (MG/L AS H)	5	0	5	0	3	1
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	8	0	8	0	2	1
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	47	0	47	0	16	6
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	1	0	1	0	1	0
71855	NITRITE NITROGEN,TOTAL (MG/L AS NO2)	1	0	1	0	1	0
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	19	0	18	1	19	0
71885	IRON (UG/L AS FE)	1	0	0	1	1	1
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	11	0	11	0	4	1
71887	NITROGEN, TOTAL, AS NO3 - MG/L	47	0	41	6	14	9
71888	PHOSPHORUS, TOTAL SOLUBLE AS PO4 - MG/L	3	0	3	0	3	0
71890	MERCURY, DISSOLVED (UG/L AS HG)	43	0	42	1	26	17

Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Parameter Code	Name	Total Obs	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
71895	MERCURY, SUSPENDED (UG/L AS HG)	24	0	24	0	22	16
71900	MERCURY, TOTAL (UG/L AS HG)	1281	419	715	147	90	18
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	95	0	85	10	60	8
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	236	11	193	32	7	0
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	3	0	3	0	1	0
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	24	11	13	0	3	0
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	19	6	13	0	3	0
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	8	6	2	0	2	0
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	19	6	13	0	3	0
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	24	11	13	0	3	0
72025	DEPTH OF POND OR RESERVOIR IN FEET	3	0	3	0	3	0
73000	NITROGEN + ARGON, DISS. BY GAS CHROMATOGRAPH ML/L	3	0	0	3	1	0
74010	IRON, TOTAL (MG/L AS FE)	2132	0	0	2132	21	0
74022	TURBIDITY OF SUPERNATANT, MG/L	779	0	0	779	3	0
75038	POTASSIUM 40, TOTAL	3	0	3	0	3	0
76031	ACETONE TISSUE ,WET WGT,MG/KG	5	5	0	0	2	0
76050	METHYL ETHYL KETONE TISSUE,WET WGT,MG/KG	5	5	0	0	2	0
76138	2-HEXANONE TISSUE ,WET WGT,MG/KG	5	5	0	0	2	0
76141	METHYL ISOBUTYL KETONE TISSUE,WET WGT,MG/KG	5	5	0	0	2	0
76164	STYRENE TISSUE ,WET WGT,MG/KG	5	5	0	0	2	0
76184	BENZYL ALCOHOL TISSUE ,WET WGT,MG/KG	4	4	0	0	2	0
76287	BENZOIC ACID TISSUE ,WET WGT,MG/KG	4	4	0	0	2	0
76619	DIBENZOFURAN TISSUE ,WET WGT,MG/KG	4	4	0	0	2	0
77089	ANILINE WHOLE WATER,UG/L	31	31	0	0	3	0
77147	BENZYL ALCOHOL WHOLE WATER,UG/L	31	31	0	0	3	0
77247	BENZOIC ACID WHOLE WATER,UG/L	31	31	0	0	3	0
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	31	31	0	0	3	0
77571	CARBAZOLE WHOLE WATER,UG/L	31	31	0	0	3	0
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	31	31	0	0	3	0
78113	ETHYL BENZENE WHOLE WATER SAMPLE UG/L	34	34	0	0	5	0
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	4	4	0	0	2	0
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	4	4	0	0	2	0
78211	ENDRIN KETONE IN FISH TISSUE WETWTMG/KG	5	5	0	0	2	0
78300	3-NITROANILINE, TOTAL, IN WATER UG/L	31	31	0	0	3	0
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	5	5	0	0	2	0
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	5	5	0	0	2	0
79027	OCTACHLOR EPOXIDE IN FISH WET WGT MG/KG	3	0	3	0	1	0
79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	4	4	0	0	2	0
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	13	0	13	0	7	4
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	13	0	13	0	7	4
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	20	0	20	0	14	6
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	13	0	13	0	7	4
80148	ACTINOMYCETES,TOTAL PLATE COUNT,26C,14DAY,TPC/ML	186	92	94	0	2	0
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	9	0	9	0	1	1
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	9	0	9	0	1	1
81211	FLUORIDE- STATE OF ILLINOIS (MG/L)	56	0	0	56	8	1
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD DIGEST.	56	0	0	56	8	1
81219	IRON,TOTAL-STATE OF ILLINOIS,MG/L,COLD DIGEST	56	0	0	56	8	1
81220	LEAD, STATE OF ILLINOIS,MG/L, COLD DIGEST.	56	0	0	56	8	1
81285	ZYTRON(C10H14CL2NO2PS) WHOLE WATER SAMPLE UG/L	1	0	1	0	1	0
81287	DNBP(C10H12N2O5) WHOLE WATER SAMPLE UG/L	1	0	1	0	1	0
81289	PHENCAPTON(C11H15CL2O2PS3) WHOLE WATER SAMPLE UG/L	1	0	1	0	1	0
81290	EPN(C14H14NO4PS) WHOLE WATER SAMPLE UG/L	1	0	1	0	1	0
81291	PHOSALONE TOTAL WHOLE WATER SAMPLE UG/L	1	0	1	0	1	0
81292	AZINPHOSETHYL C12H16N3O3PS2WHOLE WATER SAMPLE UG/L	1	0	1	0	1	0
81293	COUMAPHOS(C14H16CLO5PS) WHOLE WATER SAMPLE UG/L	1	0	1	0	1	0
81294	DYFONATE(CU/H15OPS2) WHOLE WATER SAMPLE UG/L	1	0	1	0	1	0
81295	DEF(C12H27OPS3) WHOLE WATER SAMPLE UG/L	1	0	1	0	1	0
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	31	31	0	0	3	0
81303	NITROFEN(C12H7CL2NO3) WHOLE WATER SAMPLE UG/L	1	0	1	0	1	0
81304	PROLAN(C15H13CL2NO2) WHOLE WATER SAMPLE UG/L	1	0	1	0	1	0
81305	BULAN(C16H15CL2NO2) WHOLE WATER SAMPLE UG/L	1	0	1	0	1	0
81328	DICHLOROETHENE WHOLE WATER SAMPLE UG/L	1	0	1	0	1	0
81346	DIETHYLHEXYLPHTHALATE ISOMRWHOLE WATER SAMPLE UG/L	1	0	1	0	1	0
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	10	0	5	5	8	0
81403	DURSBAN(CHLOROPYRIFOS)WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1	0
81551	XYLENE WHL WATER SMPL UG/L	34	34	0	0	5	0
81552	ACETONE WHL WATER SMPL UG/L	29	29	0	0	3	0
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	30	30	0	0	3	0
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	31	31	0	0	3	0
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	438	54	313	71	8	0

Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Parameter Code	Name	Total Obs	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	282	0	211	71	7	0
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	5	5	0	0	2	0
81648	PCB - 1016/1242 IN THE WHOLE WATER SMPL UG/L	31	31	0	0	3	0
81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	25	25	0	0	3	0
81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	5	5	0	0	2	0
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	43	17	26	0	3	0
81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	4	0	4	0	2	0
81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	4	0	4	0	2	0
82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	1	0	1	0	1	0
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	43	17	26	0	3	0
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	9	0	9	0	4	3
82398	SAMPLING METHOD (CODES)	13	0	13	0	4	2
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVERABLE, UG/L	31	31	0	0	3	0
82624	ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE,UG/L	31	31	0	0	3	0
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	45	1	24	20	44	20
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	45	1	24	20	44	20
84007	ANATOMY ALPHA CODE	440	54	315	71	8	0
84008	LIFE STYLE/HABITAT OF THEINDIVIDUALS IN THE SAMPLE	169	54	115	0	4	0
85002	SOLIDS, SUSPENDED - (#/DAY)	1652	0	0	1652	20	0
85003	PHENOLS - (#/DAY)	112	0	0	112	1	0
85012	IRON, TOTAL - (#/DAY)	1654	0	0	1654	20	0
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	29	0	24	5	25	0
85759	NITROANILINE, 2- , TISSUE, WET WT, MG/KG	4	4	0	0	2	0
85760	CHLORANILINE, 4- , TISSUE, WET WT, MG/KG	4	4	0	0	2	0
85761	VINYL ACETATE, TISSUE, WET WT, MG/KG	5	5	0	0	2	0
85762	NITROANILINE, 4- , TISSUE, WET WT, MG/KG	4	4	0	0	2	0
85763	NITROANILINE, 3- , TISSUE, WET WT, MG/KG	4	4	0	0	2	0
85764	TRICHLOROPHENOL, 2,4,5- , TISSUE, WET WT, MG/KG	4	4	0	0	2	0
85765	METHYLNAPHTHALENE, 2- , TISSUE, WET WT, MG/KG	4	4	0	0	2	0
85766	METHYLPHENOL, 4- , TISSUE, WET WT, MG/KG	4	4	0	0	2	0
85767	METHYLPHENOL, 2- , TISSUE, WET WT, MG/KG	4	4	0	0	2	0
85768	CARBON DISULFIDE, TISSUE, WET WT, MG/KG	5	5	0	0	2	0
85810	CARBON DISULFIDE, TISSUE, WET WT, MG/KG	3	3	0	0	3	0

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/75-08/13/75	0	24	
INDU0002	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/73-08/09/78	5	13	
INDU0003	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/74-08/26/79	5	10	
INDU0004	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/73-08/26/79	6	11	
INDU0005	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/73-05/17/77	3	4	
INDU0009	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	22	224	
INDU0027	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/78-07/11/80	1	8	
INDU0030	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	19	196	
INDU0034	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/57-05/24/57	0	1	
INDU0038	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/57-05/24/57	0	1	
INDU0040	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/80-09/23/81	1	43	
INDU0041	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/80-10/15/80	0	15	
INDU0050	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/80-04/08/80	0	3	
INDU0051	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/62-04/12/62	0	1	
INDU0052	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/80-07/20/81	1	24	
INDU0053	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/80-09/23/81	1	73	
INDU0055	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/73-07/11/80	6	18	
INDU0056	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/75-06/22/76	1	2	
INDU0057	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/77-09/24/77	0	6	
INDU0058	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/73-10/18/73	0	1	
INDU0060	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/62-04/11/62	0	1	
INDU0061	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/18/81-09/23/81	0	30	
INDU0062	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/77-07/27/77	0	1	
INDU0063	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/73-07/11/80	6	19	
INDU0064	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/77-09/24/77	0	8	
INDU0065	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/78-11/30/78	0	1	
INDU0066	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/78-11/30/78	0	1	
INDU0067	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/28/63-05/28/63	0	2	
INDU0068	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/28/63-05/28/63	0	3	
INDU0069	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/80-09/23/81	1	30	
INDU0070	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/80-10/15/80	0	9	
INDU0071	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/74-06/22/76	2	4	
INDU0072	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/78-07/11/80	1	9	
INDU0073	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/81-09/23/81	0	6	
INDU0074	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/26/79-03/21/79	0	2	
INDU0075	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/14/85-03/14/85	0	1	
INDU0076	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/73-10/18/73	0	1	
INDU0078	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/80-07/21/80	0	7	
INDU0079	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/80-09/23/81	1	18	
INDU0080	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/77-09/24/77	0	7	
INDU0082	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/77-09/24/77	0	8	
INDU0083	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/80-06/23/80	0	3	
INDU0084	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/80-09/17/80	0	27	
INDU0085	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/73-10/18/73	0	1	
INDU0086	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/62-10/20/62	0	1	
INDU0087	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/63-05/27/63	0	2	
INDU0088	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	4	66	
INDU0089	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/80-09/17/80	0	4	
INDU0090	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/77-11/16/77	0	6	
INDU0091	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/77-11/16/77	0	6	
INDU0092	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	4	67	
INDU0093	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/74-08/10/78	4	16	
INDU0094	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/73-07/11/80	6	27	
INDU0095	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/73-06/24/76	2	6	
INDU0096	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/77-05/09/78	1	7	
INDU0097	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/77-05/09/78	1	7	
INDU0098	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/73-08/10/78	5	14	
INDU0099	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/77-07/01/77	0	1	
INDU0100	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/77-07/01/77	0	1	
INDU0101	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/76-05/10/78	1	12	
INDU0102	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/76-05/10/78	1	17	
INDU0103	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/73-08/25/79	6	22	
INDU0105	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/77-08/25/81	4	18	
INDU0106	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/77-07/01/77	0	1	
INDU0107	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/77-08/31/77	0	1	
INDU0109	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/77-08/31/77	0	1	
INDU0110	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/81-09/23/81	0	6	
INDU0111	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/77-07/01/77	0	1	
INDU0112	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/74-04/05/78	4	15	
INDU0113	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/11/77-08/30/77	0	4	
INDU0114	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/77-05/09/78	0	7	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0115	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/77-05/09/78	1	11	
INDU0116	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/77-08/26/81	4	15	
INDU0117	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/77-06/29/77	0	1	
INDU0118	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/76-04/05/78	1	7	
INDU0119	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/77-06/29/77	0	1	
INDU0120	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/75-10/12/77	2	7	
INDU0121	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/77-08/31/77	0	1	
INDU0122	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/74-05/09/78	4	23	
INDU0123	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/73-05/09/78	4	19	
INDU0124	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/80-04/26/83	3	3	
INDU0125	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/73-07/12/80	6	28	
INDU0127	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/76-05/10/78	1	16	
INDU0128	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/11/77-03/11/77	0	1	
INDU0129	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/77-05/10/78	0	10	
INDU0130	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/77-05/09/78	1	12	
INDU0131	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/14/77-12/20/77	0	7	
INDU0132	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/11/76-11/11/76	0	1	
INDU0134	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/77-05/09/78	1	13	
INDU0135	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/11/76-08/26/81	4	14	
INDU0136	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/14/77-12/20/77	0	8	
INDU0137	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/73-10/18/73	0	1	
INDU0140	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	21	257	
INDU0141	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/80-06/23/80	0	12	
INDU0142	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/63-09/09/63	0	10	
INDU0143	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/86-04/22/92	6	69	
INDU0146	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-10/20/81	1	59	
INDU0149	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/80-10/20/81	1	81	
INDU0150	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/63-09/09/63	0	10	
INDU0151	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/18/78-07/11/80	2	21	
INDU0152	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	4	69	
INDU0153	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/63-09/09/63	0	14	
INDU0155	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/18/80-06/25/81	0	28	
INDU0157	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/62-05/27/63	0	4	
INDU0161	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/63-09/09/63	0	10	
INDU0164	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/78-07/11/80	1	6	
INDU0165	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-04/09/80	0	6	
INDU0169	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	26	389	
INDU0179	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	26	383	
INDU0184	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	19	332	
INDU0190	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/78-12/16/91	13	93	
INDU0191	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/81-09/19/89	8	4	
INDU0193	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/77-09/24/77	0	8	
INDU0196	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/63-09/19/63	0	12	
INDU0197	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	4	67	
INDU0198	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	4	67	
INDU0199	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/77-09/24/77	0	8	
INDU0200	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/63-09/19/63	0	15	
INDU0201	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-07/22/81	1	51	
INDU0202	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/80-09/16/80	0	9	
INDU0203	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/80-10/20/81	1	33	
INDU0204	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/63-09/19/63	0	11	
INDU0208	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	26	350	
INDU0209	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/73-10/18/73	0	1	
INDU0210	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/80-06/25/80	0	5	
INDU0211	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-07/22/81	1	70	
INDU0212	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/80-06/25/81	0	39	
INDU0213	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/63-09/19/63	0	9	
INDU0214	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/73-08/09/78	5	9	
INDU0216	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/78-07/11/80	1	9	
INDU0217	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/81-10/20/81	0	11	
INDU0218	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/80-07/22/81	1	32	
INDU0219	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/19/63	0	10	
INDU0222	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/80-05/20/80	0	6	
INDU0223	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/81-06/02/81	0	10	
INDU0224	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	4	67	
INDU0225	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/67-09/29/71	4	64	
INDU0226	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/80-06/25/81	1	13	
INDU0227	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/80-06/02/81	0	26	
INDU0230	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/78-07/09/80	1	8	
INDU0231	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	4	67	
INDU0232	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/18/63	0	10	

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Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0234	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/80-07/22/81	1	21	
INDU0235	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-10/20/81	1	41	
INDU0236	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/78-07/09/80	1	8	
INDU0237	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/63-05/27/63	0	3	
INDU0240	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/18/63	0	10	
INDU0241	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/80-10/20/81	1	40	
INDU0242	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/80-07/22/81	1	28	
INDU0245	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/18/63	0	13	
INDU0251	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/18/63	0	10	
INDU0262	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/08/72-03/31/73	1	55	
INDU0264	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/72-03/24/73	1	54	
INDU0265	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/72-02/21/73	1	48	
INDU0268	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-07/22/81	1	30	
INDU0269	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/77-07/07/77	0	1	
INDU0270	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/89-09/19/89	0	2	
INDU0271	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/78-12/16/91	13	95	
INDU0272	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/04/72-03/26/73	1	53	
INDU0273	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/11/63	0	10	
INDU0274	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/72-03/24/73	1	51	
INDU0276	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/72-03/25/73	1	50	
INDU0277	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/08/72-03/29/73	1	53	
INDU0278	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/18/63	0	11	
INDU0279	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/77-09/24/77	0	8	
INDU0280	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/72-03/29/73	1	53	
INDU0285	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/18/63	0	14	
INDU0288	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-03/28/73	1	57	
INDU0289	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-03/28/73	1	55	
INDU0290	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/72-12/10/73	1	113	
INDU0291	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/72-03/27/73	1	113	
INDU0292	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/18/63	0	10	
INDU0294	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-10/20/81	1	81	
INDU0295	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-06/24/81	1	27	
INDU0297	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/80-10/20/81	1	19	
INDU0298	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	10	405	
INDU0302	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/18/63	0	10	
INDU0303	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/72-03/27/73	1	56	
INDU0306	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/72-03/24/73	1	56	
INDU0307	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/59-10/12/59	0	1	
INDU0308	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/35-04/29/35	0	1	
INDU0309	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/72-03/31/73	1	283	
INDU0311	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/80-08/26/80	0	7	
INDU0315	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/72-03/30/73	0	41	
INDU0317	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/07/72-03/30/73	1	57	
INDU0318	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/72-03/30/73	1	112	
INDU0319	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/07/72-03/30/73	1	56	
INDU0321	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/86-07/27/92	6	71	
INDU0326	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/01/72-03/31/73	1	238	
INDU0328	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/65-01/16/73	7	239	
INDU0331	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	20	334	
INDU0336	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/59-10/14/59	0	1	
INDU0337	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/56-04/26/56	0	1	
INDU0044	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/01/72-04/30/73	0	211	
INDU0045	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/01/72-04/30/73	0	208	
INDU0138	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/01/72-04/30/73	0	180	
INDU0139	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/01/72-04/30/73	0	180	
INDU0144	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/02/72-05/31/73	0	261	
INDU0148	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/01/72-05/31/73	0	252	
INDU0025	No	00023	SAMPLE WEIGHT IN POUNDS	10/05/80-10/05/80	0	3	
INDU0030	No	00023	SAMPLE WEIGHT IN POUNDS	09/11/79-11/02/88	9	56	
INDU0048	No	00023	SAMPLE WEIGHT IN POUNDS	05/12/76-05/12/76	0	3	
INDU0179	No	00023	SAMPLE WEIGHT IN POUNDS	09/02/80-11/02/88	8	50	
INDU0184	No	00023	SAMPLE WEIGHT IN POUNDS	09/10/79-09/10/79	0	10	
INDU0025	No	00024	SAMPLE LENGTH IN INCHES	10/05/80-10/05/80	0	3	
INDU0030	No	00024	SAMPLE LENGTH IN INCHES	09/11/79-11/02/88	9	57	
INDU0048	No	00024	SAMPLE LENGTH IN INCHES	10/24/74-10/26/77	3	137	
INDU0179	No	00024	SAMPLE LENGTH IN INCHES	09/02/80-11/02/88	8	50	
INDU0184	No	00024	SAMPLE LENGTH IN INCHES	09/10/79-09/10/79	0	10	
INDU0044	No	00056	FLOW, RATE GALLONS/DAY	09/01/72-04/30/73	0	211	
INDU0138	No	00056	FLOW, RATE GALLONS/DAY	11/01/72-04/30/73	0	181	
INDU0144	No	00056	FLOW, RATE GALLONS/DAY	09/02/72-05/31/73	0	261	
INDU0145	No	00056	FLOW, RATE GALLONS/DAY	09/01/72-05/31/73	0	262	
INDU0147	No	00056	FLOW, RATE GALLONS/DAY	09/01/72-05/31/73	0	266	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0148	No	00056	FLOW, RATE GALLONS/DAY	09/01/72-05/31/73	0	252	
INDU0262	No	00056	FLOW, RATE GALLONS/DAY	01/08/72-03/31/73	1	55	
INDU0264	No	00056	FLOW, RATE GALLONS/DAY	01/03/72-03/24/73	1	54	
INDU0265	No	00056	FLOW, RATE GALLONS/DAY	02/03/72-02/21/73	1	48	
INDU0272	No	00056	FLOW, RATE GALLONS/DAY	02/04/72-03/26/73	1	53	
INDU0274	No	00056	FLOW, RATE GALLONS/DAY	01/01/72-03/24/73	1	51	
INDU0276	No	00056	FLOW, RATE GALLONS/DAY	03/06/72-03/25/73	1	50	
INDU0277	No	00056	FLOW, RATE GALLONS/DAY	01/08/72-03/29/73	1	53	
INDU0280	No	00056	FLOW, RATE GALLONS/DAY	01/06/72-03/29/73	1	53	
INDU0288	No	00056	FLOW, RATE GALLONS/DAY	01/05/72-03/28/73	1	57	
INDU0289	No	00056	FLOW, RATE GALLONS/DAY	01/05/72-03/28/73	1	56	
INDU0290	No	00056	FLOW, RATE GALLONS/DAY	01/01/72-12/10/73	1	113	
INDU0291	No	00056	FLOW, RATE GALLONS/DAY	01/01/72-03/27/73	1	113	
INDU0303	No	00056	FLOW, RATE GALLONS/DAY	01/04/72-03/27/73	1	56	
INDU0306	No	00056	FLOW, RATE GALLONS/DAY	01/01/72-03/24/73	1	56	
INDU0309	No	00056	FLOW, RATE GALLONS/DAY	01/01/72-03/31/73	1	283	
INDU0315	No	00056	FLOW, RATE GALLONS/DAY	05/07/72-03/30/73	0	41	
INDU0317	No	00056	FLOW, RATE GALLONS/DAY	01/07/72-03/30/73	1	57	
INDU0318	No	00056	FLOW, RATE GALLONS/DAY	01/04/72-03/30/73	1	112	
INDU0319	No	00056	FLOW, RATE GALLONS/DAY	01/07/72-03/30/73	1	56	
INDU0326	No	00056	FLOW, RATE GALLONS/DAY	02/01/72-03/31/73	1	240	
INDU0173	No	00058	FLOW, RATE GALLONS/MIN	01/02/72-05/31/73	1	480	
INDU0009	No	00060	FLOW, STREAM, MEAN DAILY CFS	01/12/70-11/10/71	1	36	
INDU0140	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	01/26/71-09/26/84	13	92	
INDU0169	No	00060	FLOW, STREAM, MEAN DAILY CFS	01/13/70-11/23/70	0	21	
INDU0179	No	00060	FLOW, STREAM, MEAN DAILY CFS	01/13/70-12/07/70	0	22	
INDU0184	No	00060	FLOW, STREAM, MEAN DAILY CFS	01/13/70-12/15/71	1	39	
INDU0208	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/24/70-09/29/70	0	15	
INDU0331	No	00060	FLOW, STREAM, MEAN DAILY CFS	01/04/67-05/09/68	1	33	
INDU0055	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/22/74-04/22/74	0	1	
INDU0151	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/18/78-06/11/80	2	12	
INDU0120	Yes	00065	STAGE, STREAM (FEET)	02/04/75-05/05/75	0	2	
INDU0243	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0244	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0261	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0263	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0267	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0281	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0283	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0284	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0286	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0296	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0299	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0300	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0301	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0304	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0320	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0324	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0329	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0332	No	00065	STAGE, STREAM (FEET)	10/03/84-10/03/84	0	1	
INDU0003	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/26/76-07/26/77	1	2	
INDU0055	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/74-08/08/78	3	5	
INDU0063	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/12/75-08/12/75	0	1	
INDU0093	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/13/74-08/10/78	3	5	
INDU0094	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/27/74-08/08/78	3	4	
INDU0103	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/14/75-08/14/75	0	1	
INDU0151	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/18/78-04/18/78	0	1	
INDU0173	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/02/72-05/31/73	1	478	
INDU0298	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	10	406	
INDU0328	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/24/70-12/16/70	0	3	
INDU0068	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	09/02/62-09/02/62	0	4	
INDU0086	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/31/62-08/31/62	0	1	
INDU0142	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/23/63-09/06/63	0	8	
INDU0150	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/23/63-09/06/63	0	8	
INDU0153	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/23/63-09/06/63	0	9	
INDU0161	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/23/63-09/06/63	0	8	
INDU0169	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/30/69	3	103	
INDU0179	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/30/69	3	102	
INDU0184	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/65-12/20/66	1	49	
INDU0196	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/23/63-08/28/63	0	6	
INDU0200	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/23/63-08/28/63	0	6	
INDU0204	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/23/63-08/28/63	0	6	

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Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0208	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/16/69	3	92	
INDU0213	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/23/63-08/28/63	0	5	
INDU0219	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-08/28/63	0	6	
INDU0232	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/18/63	0	8	
INDU0237	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/31/62-08/31/62	0	3	
INDU0240	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/06/63	0	6	
INDU0245	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/18/63	0	8	
INDU0251	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/18/63	0	8	
INDU0273	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/06/63	0	6	
INDU0278	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/18/63	0	8	
INDU0285	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/18/63	0	7	
INDU0292	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/18/63	0	10	
INDU0302	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/18/63	0	10	
INDU0331	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/65-12/30/69	4	130	
INDU0009	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	20	116	
INDU0030	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/80-11/28/90	10	87	
INDU0057	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/11/77-09/24/77	0	6	
INDU0064	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/11/77-09/24/77	0	8	
INDU0080	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/11/77-09/24/77	0	7	
INDU0082	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/11/77-09/24/77	0	8	
INDU0140	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	19	95	
INDU0143	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/14/86-11/28/90	4	38	
INDU0151	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/05/78-06/11/80	1	10	
INDU0169	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	20	121	
INDU0179	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	20	122	
INDU0184	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/67-11/20/84	17	146	
INDU0190	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/11/78-12/16/91	13	93	
INDU0191	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/11/81-09/19/89	8	4	
INDU0193	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/11/77-09/24/77	0	8	
INDU0199	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/11/77-09/24/77	0	8	
INDU0208	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	20	109	
INDU0269	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/07/77-07/07/77	0	1	
INDU0270	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/19/89-09/19/89	0	2	
INDU0271	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/11/78-12/16/91	13	95	
INDU0279	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/11/77-09/24/77	0	8	
INDU0321	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/15/86-11/27/90	4	40	
INDU0331	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-12/18/85	15	80	
INDU0001	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/13/75-08/13/75	0	1	
INDU0040	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-09/23/81	1	8	
INDU0041	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/80-10/15/80	0	2	
INDU0052	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-07/20/81	1	3	
INDU0053	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/08/80-09/23/81	1	7	
INDU0061	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/18/81-09/23/81	0	3	
INDU0069	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-09/23/81	1	3	
INDU0070	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/15/80-10/15/80	0	1	
INDU0073	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/23/81-09/23/81	0	1	
INDU0078	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/21/80-07/21/80	0	1	
INDU0079	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/21/80-09/23/81	1	2	
INDU0083	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/80-06/23/80	0	1	
INDU0084	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-06/23/80	0	2	
INDU0110	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/23/81-09/23/81	0	1	
INDU0141	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/80-06/23/80	0	1	
INDU0146	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/09/80-10/20/81	1	6	
INDU0149	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/19/80-10/20/81	1	8	
INDU0155	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/18/80-06/25/81	0	3	
INDU0165	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/09/80-04/09/80	0	1	
INDU0201	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/09/80-07/22/81	1	5	
INDU0202	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/25/80-06/25/80	0	1	
INDU0203	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-10/20/81	1	3	
INDU0210	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/25/80-06/25/80	0	1	
INDU0211	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/09/80-07/22/81	1	7	
INDU0212	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/22/80-06/25/81	0	4	
INDU0217	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/20/81-10/20/81	0	1	
INDU0218	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-07/22/81	1	5	
INDU0222	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-05/20/80	0	1	
INDU0223	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/02/81-06/02/81	0	1	
INDU0226	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-06/25/81	1	2	
INDU0227	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/18/80-06/02/81	0	2	
INDU0233	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/10/76-08/10/76	0	1	
INDU0234	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/22/80-07/22/81	1	3	
INDU0235	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/09/80-10/20/81	1	5	
INDU0241	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-10/20/81	1	4	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0242	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/25/80-07/22/81	1	3	
INDU0268	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/09/80-07/22/81	1	4	
INDU0294	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/09/80-10/20/81	1	11	
INDU0295	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/09/80-06/24/81	1	3	
INDU0311	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/26/80-08/26/80	0	1	
INDU0057	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/11/77-09/24/77	0	3	
INDU0064	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/11/77-09/24/77	0	3	
INDU0080	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/11/77-09/24/77	0	3	
INDU0082	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/11/77-09/24/77	0	3	
INDU0193	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/11/77-09/24/77	0	3	
INDU0199	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/11/77-09/24/77	0	3	
INDU0269	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/07/77-07/07/77	0	1	
INDU0279	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/11/77-09/24/77	0	3	
INDU0004	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/03/73-08/03/73	0	1	
INDU0055	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/02/73-08/02/73	0	1	
INDU0063	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/02/73-08/02/73	0	1	
INDU0094	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/02/73-10/01/73	0	2	
INDU0103	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/02/73-08/02/73	0	1	
INDU0126	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/01/73-08/01/73	0	1	
INDU0169	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/30/69	3	103	
INDU0179	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/30/69	3	102	
INDU0184	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/05/65-12/30/69	4	127	
INDU0208	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/16/69	3	92	
INDU0214	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/31/73-07/31/73	0	1	
INDU0298	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	10	393	
INDU0328	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/24/70-12/16/70	0	3	
INDU0331	No	00080	COLOR (PLATINUM-COBALT UNITS)	01/05/65-12/30/69	4	129	
INDU0009	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/12/71-12/14/72	1	37	
INDU0030	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/18/73-12/17/75	2	38	
INDU0184	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/13/71-01/07/76	4	81	
INDU0331	No	00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/14/69-01/07/76	6	78	
INDU0190	No	00086	ODOR (THRESHOLD NUMBER AT 60 DEG C)	04/11/78-12/16/91	13	93	
INDU0271	No	00086	ODOR (THRESHOLD NUMBER AT 60 DEG C)	04/11/78-12/16/91	13	95	
INDU0040	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/08/80-09/23/81	1	43	
INDU0041	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/23/80-10/15/80	0	15	
INDU0050	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/08/80-04/08/80	0	3	
INDU0052	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/80-07/20/81	1	24	
INDU0053	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/08/80-09/23/81	1	73	
INDU0061	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/18/81-09/23/81	0	30	
INDU0069	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/80-09/23/81	1	30	
INDU0070	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	10/15/80-10/15/80	0	9	
INDU0073	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/23/81-09/23/81	0	6	
INDU0078	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/21/80-07/21/80	0	7	
INDU0079	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/21/80-09/23/81	1	18	
INDU0083	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/23/80-06/23/80	0	3	
INDU0084	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/80-09/17/80	0	27	
INDU0089	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/17/80-09/17/80	0	4	
INDU0105	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	02/18/81-08/25/81	0	3	
INDU0110	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/23/81-09/23/81	0	6	
INDU0116	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	02/19/81-08/26/81	0	3	
INDU0124	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	02/19/80-04/20/82	2	2	
INDU0135	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	02/19/81-08/26/81	0	3	
INDU0141	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/23/80-06/23/80	0	12	
INDU0146	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/09/80-10/20/81	1	59	
INDU0149	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/19/80-10/20/81	1	81	
INDU0155	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	11/18/80-06/25/81	0	28	
INDU0165	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/09/80-04/09/80	0	6	
INDU0201	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/09/80-07/22/81	1	51	
INDU0202	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/25/80-09/16/80	0	9	
INDU0203	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/80-10/20/81	1	33	
INDU0210	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/25/80-06/25/80	0	5	
INDU0211	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/09/80-07/22/81	1	70	
INDU0212	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/22/80-06/25/81	0	39	
INDU0217	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	10/20/81-10/20/81	0	11	
INDU0218	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/80-07/22/81	1	32	
INDU0222	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/80-05/20/80	0	6	
INDU0223	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/02/81-06/02/81	0	10	
INDU0226	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/80-06/25/81	1	13	
INDU0227	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/16/80-06/02/81	0	26	
INDU0234	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/22/80-07/22/81	1	21	
INDU0235	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/09/80-10/20/81	1	41	
INDU0241	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/80-10/20/81	1	40	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0242	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/25/80-07/22/81	1	28	
INDU0268	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/09/80-07/22/81	1	30	
INDU0294	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/09/80-10/20/81	1	81	
INDU0295	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/09/80-06/24/81	1	27	
INDU0297	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/16/80-10/20/81	1	19	
INDU0311	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/22/80-08/26/80	0	7	
INDU0040	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/80-09/23/81	1	43	
INDU0041	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/80-10/15/80	0	15	
INDU0050	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/80-04/08/80	0	3	
INDU0052	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/80-07/20/81	1	24	
INDU0053	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/80-09/23/81	1	73	
INDU0061	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/18/81-09/23/81	0	30	
INDU0069	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/80-09/23/81	1	30	
INDU0070	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/80-10/15/80	0	9	
INDU0073	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/23/81-09/23/81	0	6	
INDU0078	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/80-07/21/80	0	7	
INDU0079	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/80-09/23/81	1	18	
INDU0083	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/80-06/23/80	0	3	
INDU0084	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/80-09/17/80	0	27	
INDU0089	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/17/80-09/17/80	0	4	
INDU0110	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/23/81-09/23/81	0	6	
INDU0141	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/80-06/23/80	0	12	
INDU0146	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-10/20/81	1	59	
INDU0149	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/80-10/20/81	1	81	
INDU0155	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/18/80-06/25/81	0	28	
INDU0165	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-04/09/80	0	6	
INDU0201	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-07/22/81	1	51	
INDU0202	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/25/80-09/16/80	0	9	
INDU0203	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/80-10/20/81	1	33	
INDU0210	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/25/80-06/25/80	0	5	
INDU0211	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-07/22/81	1	70	
INDU0212	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/22/80-06/25/81	0	39	
INDU0217	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/20/81-10/20/81	0	11	
INDU0218	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/80-07/22/81	1	32	
INDU0222	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/80-05/20/80	0	6	
INDU0223	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/81-06/02/81	0	10	
INDU0226	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/80-06/25/81	1	13	
INDU0227	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/80-06/02/81	0	26	
INDU0234	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/22/80-07/22/81	1	21	
INDU0235	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-10/20/81	1	41	
INDU0241	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/80-10/20/81	1	40	
INDU0242	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/25/80-07/22/81	1	28	
INDU0268	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-07/22/81	1	30	
INDU0294	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-10/20/81	1	81	
INDU0295	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-06/24/81	1	27	
INDU0297	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/80-10/20/81	1	19	
INDU0311	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/22/80-08/26/80	0	7	
INDU0002	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/03/73-08/09/78	5	14	
INDU0003	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/76-08/26/79	3	8	
INDU0004	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/03/73-08/26/79	6	12	
INDU0005	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/03/73-05/17/77	3	3	
INDU0009	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	22	223	T,S
INDU0027	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/78-07/11/80	1	8	
INDU0028	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/03/75-02/03/75	0	1	
INDU0030	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	19	195	
INDU0055	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/73-07/11/80	6	18	
INDU0056	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/03/75-06/22/76	1	2	
INDU0057	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/77-09/24/77	0	6	
INDU0058	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	0	1	
INDU0062	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/77-07/27/77	0	1	
INDU0063	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/73-07/11/80	6	19	
INDU0064	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/77-09/24/77	0	8	
INDU0065	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/78-11/30/78	0	1	
INDU0066	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/78-11/30/78	0	1	
INDU0067	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/28/63-05/28/63	0	2	
INDU0068	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/62-05/28/63	0	7	
INDU0071	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/22/74-06/22/76	2	5	
INDU0072	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/78-07/11/80	1	9	
INDU0074	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/79-03/21/79	0	2	
INDU0075	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/14/85-03/14/85	0	1	
INDU0076	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	0	1	
INDU0080	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	06/11/77-09/24/77	0	7	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0082	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/77-09/24/77	0	8	
INDU0085	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	0	1	
INDU0086	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/62-10/20/62	0	7	
INDU0087	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/63-05/27/63	0	2	
INDU0090	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/77-11/16/77	0	6	
INDU0091	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/77-11/16/77	0	6	
INDU0093	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-08/10/78	4	18	
INDU0094	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/73-07/11/80	6	27	
INDU0095	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/73-06/24/76	2	6	
INDU0096	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/77-05/09/78	1	7	
INDU0097	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/77-05/09/78	1	7	
INDU0098	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/73-08/10/78	5	12	
INDU0099	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/77-10/13/77	0	2	
INDU0100	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/77-10/13/77	0	2	
INDU0101	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/22/76-05/10/78	1	12	
INDU0102	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/22/76-05/10/78	1	17	
INDU0103	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/73-08/25/79	6	22	
INDU0104	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/77-08/19/77	0	2	
INDU0105	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/13/77-08/25/81	4	18	
INDU0106	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/77-10/13/77	0	2	
INDU0107	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/77-08/31/77	0	1	
INDU0109	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/77-08/31/77	0	1	
INDU0111	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/77-10/13/77	0	2	
INDU0112	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/24/74-04/05/78	4	15	
INDU0113	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/77-08/30/77	0	4	
INDU0114	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/77-05/09/78	0	7	
INDU0115	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/77-05/09/78	1	11	
INDU0116	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/77-08/26/81	4	15	
INDU0117	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/77-06/29/77	0	1	
INDU0118	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/76-04/05/78	1	7	
INDU0119	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/77-10/13/77	0	2	
INDU0120	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/75-10/12/77	2	7	
INDU0121	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/77-08/31/77	0	1	
INDU0122	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-05/09/78	4	24	
INDU0123	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/01/73-05/09/78	4	20	
INDU0124	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/77-04/26/83	6	6	
INDU0125	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/01/73-07/12/80	6	28	
INDU0127	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/76-05/10/78	1	16	
INDU0128	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/77-03/11/77	0	1	
INDU0129	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/77-05/10/78	0	10	
INDU0130	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/77-05/09/78	1	12	
INDU0131	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/14/77-01/17/78	0	9	
INDU0132	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/11/76-11/11/76	0	1	
INDU0133	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/77-10/13/77	0	2	
INDU0134	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/77-05/09/78	1	19	
INDU0135	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/11/76-08/26/81	4	14	
INDU0136	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/14/77-12/20/77	0	8	
INDU0137	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	0	1	
INDU0140	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	21	258	
INDU0142	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/63-09/09/63	0	10	
INDU0143	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/86-04/22/92	6	67	
INDU0144	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/72-05/31/73	0	261	
INDU0145	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/72-05/31/73	0	262	
INDU0147	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/72-05/27/73	0	152	
INDU0148	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/72-05/31/73	0	252	
INDU0150	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/63-09/09/63	0	10	
INDU0151	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/18/78-07/11/80	2	21	
INDU0153	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/63-09/09/63	0	14	
INDU0157	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/62-05/27/63	0	9	
INDU0161	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/63-09/09/63	0	10	
INDU0164	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/78-07/11/80	1	6	
INDU0169	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	26	391	T,A,S
INDU0179	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	26	381	T,A,S
INDU0184	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	19	308	
INDU0190	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-12/16/91	13	93	
INDU0191	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/11/81-09/19/89	8	4	
INDU0193	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/77-09/24/77	0	8	
INDU0196	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/63-09/19/63	0	12	
INDU0199	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/77-09/24/77	0	8	
INDU0200	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	08/23/63-09/19/63	0	15	

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Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0204	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/63-09/19/63	0	11	
INDU0208	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	26	354	T,A,S
INDU0209	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	0	1	
INDU0213	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/63-09/19/63	0	9	
INDU0214	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/31/73-08/09/78	5	9	
INDU0216	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/78-07/11/80	1	9	
INDU0219	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/63-09/19/63	0	10	
INDU0230	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/78-07/09/80	1	8	
INDU0232	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/18/63	0	10	
INDU0236	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/78-07/09/80	1	8	
INDU0237	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/62-05/27/63	0	9	
INDU0238	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/63-05/27/63	0	2	
INDU0240	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/08/63	0	8	
INDU0245	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/18/63	0	13	
INDU0251	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/18/63	0	10	
INDU0269	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/07/77-07/07/77	0	1	
INDU0270	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/19/89-09/19/89	0	2	
INDU0271	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-12/16/91	13	95	
INDU0273	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/11/63	0	10	
INDU0278	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/18/63	0	11	
INDU0279	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/77-09/24/77	0	8	
INDU0285	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/18/63	0	14	
INDU0292	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/18/63	0	7	
INDU0298	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/68-08/06/68	0	2	
INDU0302	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/18/63	0	8	
INDU0321	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/86-07/27/92	6	72	
INDU0328	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/23/66-09/09/71	5	189	
INDU0331	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	20	312	
INDU0145	No	00117	PRECIPITATION,DURATION OF STORM EVENT, MINUTES	09/01/72-05/31/73	0	262	
INDU0184	No	00151	NITROGEN, AMMONIA, LB/DAYPER CFS STREAMFLOW	09/13/77-09/13/77	0	1	
INDU0001	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/13/75-08/13/75	0	21	
INDU0040	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/08/80-09/23/81	1	43	
INDU0041	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/23/80-10/15/80	0	15	
INDU0050	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/08/80-04/08/80	0	3	
INDU0052	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/80-07/20/81	1	24	
INDU0053	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/08/80-09/23/81	1	73	
INDU0061	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/18/81-09/23/81	0	30	
INDU0069	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/80-09/23/81	1	35	
INDU0070	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/80-10/15/80	0	9	
INDU0073	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/23/81-09/23/81	0	12	
INDU0078	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/21/80-07/21/80	0	7	
INDU0079	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/21/80-09/23/81	1	24	
INDU0083	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/23/80-06/23/80	0	3	
INDU0084	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/80-09/17/80	0	27	
INDU0089	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/17/80-09/17/80	0	4	
INDU0110	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/23/81-09/23/81	0	11	
INDU0141	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/23/80-06/23/80	0	12	
INDU0146	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/80-10/20/81	1	59	
INDU0149	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/80-10/20/81	1	81	
INDU0155	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/18/80-06/25/81	0	28	
INDU0165	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/80-04/09/80	0	6	
INDU0201	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/80-07/22/81	1	51	
INDU0202	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/25/80-09/16/80	0	9	
INDU0203	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/80-10/20/81	1	33	
INDU0210	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/25/80-06/25/80	0	5	
INDU0211	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/80-07/22/81	1	70	
INDU0212	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/22/80-06/25/81	0	39	
INDU0217	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/20/81-10/20/81	0	11	
INDU0218	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/80-07/22/81	1	32	
INDU0222	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/80-05/20/80	0	6	
INDU0223	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/02/81-06/02/81	0	10	
INDU0226	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/80-06/25/81	1	13	
INDU0227	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/80-06/02/81	0	26	
INDU0234	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/22/80-07/22/81	1	21	
INDU0235	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/80-10/20/81	1	41	
INDU0241	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/80-10/20/81	1	40	
INDU0242	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/25/80-07/22/81	1	28	
INDU0268	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/80-07/22/81	1	30	
INDU0294	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/80-10/20/81	1	81	
INDU0295	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/80-06/24/81	1	27	
INDU0297	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/80-10/20/81	1	19	
INDU0311	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/22/80-08/26/80	0	7	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0002	Yes	00300	OXYGEN, DISSOLVED MG/L	08/03/73-08/09/78	5	9	
INDU0003	Yes	00300	OXYGEN, DISSOLVED MG/L	05/13/76-08/26/79	3	7	
INDU0004	Yes	00300	OXYGEN, DISSOLVED MG/L	08/03/73-08/26/79	6	9	
INDU0005	Yes	00300	OXYGEN, DISSOLVED MG/L	08/03/73-05/17/77	3	4	
INDU0009	No	00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	22	224	T,S
INDU0027	No	00300	OXYGEN, DISSOLVED MG/L	10/02/78-07/11/80	1	8	
INDU0030	No	00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	19	195	
INDU0055	Yes	00300	OXYGEN, DISSOLVED MG/L	08/02/73-07/11/80	6	17	
INDU0056	Yes	00300	OXYGEN, DISSOLVED MG/L	02/03/75-06/22/76	1	2	
INDU0058	Yes	00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	0	1	
INDU0063	No	00300	OXYGEN, DISSOLVED MG/L	08/02/73-07/11/80	6	19	
INDU0065	No	00300	OXYGEN, DISSOLVED MG/L	11/30/78-11/30/78	0	1	
INDU0066	No	00300	OXYGEN, DISSOLVED MG/L	11/30/78-11/30/78	0	1	
INDU0068	No	00300	OXYGEN, DISSOLVED MG/L	09/02/62-05/28/63	0	7	
INDU0071	Yes	00300	OXYGEN, DISSOLVED MG/L	11/14/74-06/22/76	1	3	
INDU0072	Yes	00300	OXYGEN, DISSOLVED MG/L	10/03/78-07/11/80	1	9	
INDU0074	Yes	00300	OXYGEN, DISSOLVED MG/L	02/26/79-03/21/79	0	2	
INDU0075	Yes	00300	OXYGEN, DISSOLVED MG/L	03/14/85-03/14/85	0	1	
INDU0076	Yes	00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	0	1	
INDU0085	Yes	00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	0	1	
INDU0086	No	00300	OXYGEN, DISSOLVED MG/L	08/31/62-10/20/62	0	7	
INDU0087	No	00300	OXYGEN, DISSOLVED MG/L	05/27/63-05/27/63	0	2	
INDU0093	Yes	00300	OXYGEN, DISSOLVED MG/L	04/25/74-08/10/78	4	14	
INDU0094	No	00300	OXYGEN, DISSOLVED MG/L	08/02/73-07/11/80	6	24	
INDU0095	Yes	00300	OXYGEN, DISSOLVED MG/L	08/02/73-06/24/76	2	6	
INDU0098	Yes	00300	OXYGEN, DISSOLVED MG/L	08/02/73-08/10/78	5	9	
INDU0101	No	00300	OXYGEN, DISSOLVED MG/L	06/22/76-05/10/78	1	12	
INDU0102	No	00300	OXYGEN, DISSOLVED MG/L	06/22/76-05/10/78	1	15	
INDU0103	No	00300	OXYGEN, DISSOLVED MG/L	08/02/73-08/25/79	6	19	
INDU0105	Yes	00300	OXYGEN, DISSOLVED MG/L	04/13/77-08/25/81	4	15	
INDU0107	Yes	00300	OXYGEN, DISSOLVED MG/L	08/31/77-08/31/77	0	1	
INDU0108	Yes	00300	OXYGEN, DISSOLVED MG/L	08/31/77-08/31/77	0	1	
INDU0109	Yes	00300	OXYGEN, DISSOLVED MG/L	08/31/77-08/31/77	0	1	
INDU0112	Yes	00300	OXYGEN, DISSOLVED MG/L	01/24/74-04/05/78	4	14	
INDU0113	No	00300	OXYGEN, DISSOLVED MG/L	03/11/77-08/30/77	0	4	
INDU0114	No	00300	OXYGEN, DISSOLVED MG/L	06/28/77-05/09/78	0	5	
INDU0115	No	00300	OXYGEN, DISSOLVED MG/L	04/15/77-05/09/78	1	10	
INDU0116	No	00300	OXYGEN, DISSOLVED MG/L	04/15/77-08/26/81	4	14	
INDU0118	Yes	00300	OXYGEN, DISSOLVED MG/L	09/29/76-04/05/78	1	7	
INDU0120	Yes	00300	OXYGEN, DISSOLVED MG/L	05/11/76-10/12/77	1	6	
INDU0121	Yes	00300	OXYGEN, DISSOLVED MG/L	08/31/77-08/31/77	0	1	
INDU0122	No	00300	OXYGEN, DISSOLVED MG/L	11/13/74-05/09/78	3	16	
INDU0123	No	00300	OXYGEN, DISSOLVED MG/L	08/28/74-05/09/78	3	15	
INDU0124	Yes	00300	OXYGEN, DISSOLVED MG/L	02/19/80-04/26/83	3	3	
INDU0125	Yes	00300	OXYGEN, DISSOLVED MG/L	08/31/77-08/31/77	0	1	
INDU0126	Yes	00300	OXYGEN, DISSOLVED MG/L	08/28/74-07/12/80	5	24	
INDU0127	Yes	00300	OXYGEN, DISSOLVED MG/L	09/29/76-05/10/78	1	15	
INDU0128	No	00300	OXYGEN, DISSOLVED MG/L	03/11/77-03/11/77	0	1	
INDU0129	Yes	00300	OXYGEN, DISSOLVED MG/L	06/28/77-05/10/78	0	9	
INDU0130	No	00300	OXYGEN, DISSOLVED MG/L	03/10/77-05/09/78	1	10	
INDU0131	Yes	00300	OXYGEN, DISSOLVED MG/L	11/17/77-12/20/77	0	2	
INDU0132	No	00300	OXYGEN, DISSOLVED MG/L	11/11/76-11/11/76	0	1	
INDU0134	Yes	00300	OXYGEN, DISSOLVED MG/L	03/10/77-05/09/78	1	9	
INDU0135	Yes	00300	OXYGEN, DISSOLVED MG/L	11/11/76-08/26/81	4	12	
INDU0136	No	00300	OXYGEN, DISSOLVED MG/L	04/14/77-12/20/77	0	6	
INDU0137	No	00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	0	1	
INDU0140	Yes	00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	21	257	
INDU0142	No	00300	OXYGEN, DISSOLVED MG/L	08/23/63-09/09/63	0	10	
INDU0143	No	00300	OXYGEN, DISSOLVED MG/L	01/14/86-04/22/92	6	66	
INDU0144	No	00300	OXYGEN, DISSOLVED MG/L	09/02/72-05/31/73	0	261	
INDU0147	No	00300	OXYGEN, DISSOLVED MG/L	09/01/72-05/31/73	0	266	
INDU0148	No	00300	OXYGEN, DISSOLVED MG/L	09/01/72-05/31/73	0	252	
INDU0150	No	00300	OXYGEN, DISSOLVED MG/L	08/23/63-09/09/63	0	10	
INDU0151	Yes	00300	OXYGEN, DISSOLVED MG/L	04/18/78-07/11/80	2	19	
INDU0153	No	00300	OXYGEN, DISSOLVED MG/L	08/23/63-09/09/63	0	14	
INDU0157	No	00300	OXYGEN, DISSOLVED MG/L	08/31/62-05/27/63	0	9	
INDU0161	No	00300	OXYGEN, DISSOLVED MG/L	08/23/63-09/09/63	0	10	
INDU0164	No	00300	OXYGEN, DISSOLVED MG/L	10/04/78-07/11/80	1	6	
INDU0169	No	00300	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	26	387	T,A,S
INDU0173	No	00300	OXYGEN, DISSOLVED MG/L	01/03/72-05/31/73	1	343	
INDU0179	No	00300	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	26	382	T,A,S
INDU0184	No	00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	19	329	

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Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0196	No	00300	OXYGEN, DISSOLVED MG/L	08/23/63-09/19/63	0	12	
INDU0200	No	00300	OXYGEN, DISSOLVED MG/L	08/23/63-09/19/63	0	15	
INDU0204	No	00300	OXYGEN, DISSOLVED MG/L	08/23/63-09/19/63	0	11	
INDU0208	No	00300	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	26	352	T,A,S
INDU0209	Yes	00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	0	1	
INDU0213	No	00300	OXYGEN, DISSOLVED MG/L	08/23/63-09/19/63	0	9	
INDU0214	Yes	00300	OXYGEN, DISSOLVED MG/L	07/31/73-08/09/78	5	8	
INDU0216	No	00300	OXYGEN, DISSOLVED MG/L	10/04/78-07/11/80	1	9	
INDU0219	No	00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/19/63	0	10	
INDU0230	No	00300	OXYGEN, DISSOLVED MG/L	10/03/78-07/09/80	1	8	
INDU0232	No	00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/18/63	0	10	
INDU0236	No	00300	OXYGEN, DISSOLVED MG/L	10/03/78-07/09/80	1	7	
INDU0237	No	00300	OXYGEN, DISSOLVED MG/L	08/31/62-05/27/63	0	9	
INDU0240	No	00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/18/63	0	10	
INDU0245	No	00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/18/63	0	13	
INDU0251	No	00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/18/63	0	10	
INDU0273	No	00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/11/63	0	10	
INDU0278	No	00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/18/63	0	11	
INDU0285	No	00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/18/63	0	14	
INDU0292	No	00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/18/63	0	10	
INDU0298	No	00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	10	380	
INDU0302	No	00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/18/63	0	10	
INDU0321	No	00300	OXYGEN, DISSOLVED MG/L	01/15/86-07/27/92	6	69	
INDU0328	No	00300	OXYGEN, DISSOLVED MG/L	06/24/65-08/25/71	6	220	
INDU0331	No	00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	20	334	
INDU0002	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/03/73-08/07/73	0	2	
INDU0004	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/03/73-02/04/75	1	4	
INDU0005	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/03/73-01/23/74	0	3	
INDU0055	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/02/73-02/03/75	1	7	
INDU0058	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/18/73-10/18/73	0	1	
INDU0063	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/02/73-02/03/75	1	7	
INDU0068	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/28/63-05/28/63	0	3	
INDU0071	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/14/74-02/03/75	0	2	
INDU0076	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/18/73-10/18/73	0	1	
INDU0085	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/18/73-10/18/73	0	1	
INDU0086	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/20/62-10/20/62	0	1	
INDU0087	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/27/63-05/27/63	0	2	
INDU0093	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/25/74-02/04/75	0	3	
INDU0094	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/02/73-05/05/75	1	9	
INDU0095	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/02/73-05/05/75	1	5	
INDU0098	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/02/73-02/04/75	1	5	
INDU0103	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/02/73-05/05/75	1	9	
INDU0112	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/24/74-01/24/74	0	1	
INDU0122	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/74-11/13/74	0	2	
INDU0123	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/74-11/13/74	0	2	
INDU0137	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/18/73-10/18/73	0	1	
INDU0142	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/63-09/09/63	0	10	
INDU0150	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/63-09/09/63	0	10	
INDU0153	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/63-09/09/63	0	14	
INDU0157	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/20/62-05/27/63	0	4	
INDU0161	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/63-09/09/63	0	10	
INDU0169	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/30/69	3	100	
INDU0179	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/30/69	3	98	
INDU0184	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/65-12/30/69	4	126	
INDU0196	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/63-09/19/63	0	12	
INDU0200	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/63-09/19/63	0	15	
INDU0204	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/63-09/19/63	0	11	
INDU0208	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/16/69	3	87	
INDU0209	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/18/73-10/18/73	0	1	
INDU0213	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/63-09/19/63	0	9	
INDU0214	Yes	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/31/73-08/29/74	1	5	
INDU0219	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/19/63	0	10	
INDU0232	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/18/63	0	10	
INDU0233	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/76-08/10/76	0	1	
INDU0237	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/27/63-05/27/63	0	3	
INDU0240	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/18/63	0	10	
INDU0245	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/18/63	0	13	
INDU0251	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/18/63	0	10	
INDU0273	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/11/63	0	10	
INDU0278	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/18/63	0	11	
INDU0285	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/18/63	0	14	
INDU0292	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/18/63	0	10	

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Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0302	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/18/63	0	10	
INDU0331	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/65-12/30/69	4	127	
INDU0009	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	21	168	
INDU0030	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	19	164	
INDU0044	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/72-04/25/73	0	13	
INDU0045	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/72-04/25/73	0	13	
INDU0067	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/28/63-05/28/63	0	1	
INDU0068	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/02/62-05/28/63	0	3	
INDU0086	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/31/62-10/20/62	0	3	
INDU0138	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/72-04/25/73	1	30	
INDU0139	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/07/72-04/25/73	0	22	
INDU0140	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	21	225	
INDU0142	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/63-09/09/63	0	5	
INDU0143	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/86-04/22/92	6	35	
INDU0144	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/02/72-05/31/73	0	261	
INDU0145	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/01/72-05/31/73	0	262	
INDU0147	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/01/72-05/31/73	0	266	
INDU0148	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/01/72-05/31/73	0	252	
INDU0150	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/63-09/09/63	0	5	
INDU0153	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/63-09/09/63	0	5	
INDU0157	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/31/62-05/27/63	0	4	
INDU0161	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/63-09/09/63	0	5	
INDU0169	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	26	359	T,S
INDU0173	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/03/72-05/21/73	1	121	
INDU0179	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	26	352	T,S
INDU0184	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	19	331	
INDU0196	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/63-09/19/63	0	5	
INDU0200	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/63-09/19/63	0	5	
INDU0204	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/63-09/19/63	0	5	
INDU0208	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	26	309	T,S
INDU0213	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/63-09/19/63	0	5	
INDU0219	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/19/63	0	5	
INDU0232	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/18/63	0	5	
INDU0237	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/31/62-10/19/62	0	2	
INDU0240	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/18/63	0	5	
INDU0245	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/18/63	0	6	
INDU0251	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/18/63	0	5	
INDU0273	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/11/63	0	5	
INDU0278	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/18/63	0	5	
INDU0285	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/18/63	0	6	
INDU0292	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/18/63	0	5	
INDU0298	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	10	329	
INDU0302	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/18/63	0	5	
INDU0321	No	00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/86-04/21/92	6	36	
INDU0328	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/24/65-09/09/71	6	206	
INDU0331	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	20	337	
INDU0009	No	00311	BOD, DISSOLVED, 5 DAY MG/L	01/12/70-12/07/70	0	22	
INDU0184	No	00311	BOD, DISSOLVED, 5 DAY MG/L	09/09/70-09/09/70	0	1	
INDU0208	No	00311	BOD, DISSOLVED, 5 DAY MG/L	04/21/70-12/07/70	0	16	
INDU0009	No	00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	21	206	
INDU0030	No	00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	19	201	
INDU0140	Yes	00335	COD, .025N K2CR2O7 MG/L	09/23/81-08/15/91	9	8	
INDU0143	No	00335	COD, .025N K2CR2O7 MG/L	01/14/86-07/27/92	6	76	
INDU0169	No	00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	18	212	
INDU0179	No	00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	16	135	
INDU0184	No	00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	13	181	
INDU0190	No	00335	COD, .025N K2CR2O7 MG/L	04/11/78-12/16/91	13	93	
INDU0191	No	00335	COD, .025N K2CR2O7 MG/L	08/11/81-09/19/89	8	4	
INDU0208	No	00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	18	193	
INDU0270	No	00335	COD, .025N K2CR2O7 MG/L	04/19/89-09/19/89	0	2	
INDU0271	No	00335	COD, .025N K2CR2O7 MG/L	04/11/78-12/16/91	13	95	
INDU0298	No	00335	COD, .025N K2CR2O7 MG/L	11/10/58-01/28/69	10	293	
INDU0321	No	00335	COD, .025N K2CR2O7 MG/L	01/15/86-07/27/92	6	78	
INDU0331	No	00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	16	172	
INDU0007	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	0	2	
INDU0010	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	0	1	
INDU0021	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	0	1	
INDU0026	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	0	1	
INDU0029	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	0	1	
INDU0031	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	06/09/70-06/09/70	0	1	
INDU0032	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	0	1	
INDU0033	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0036	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	0	1	
INDU0037	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	0	1	
INDU0039	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	06/09/70-06/09/70	0	1	
INDU0043	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	06/09/70-06/09/70	0	1	
INDU0046	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	06/09/70-06/09/70	0	1	
INDU0047	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	06/09/70-06/09/70	0	1	
INDU0156	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	04/22/75-04/22/75	0	1	
INDU0158	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	04/22/75-04/22/75	0	1	
INDU0159	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	04/22/75-04/22/75	0	1	
INDU0162	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	04/22/75-04/22/75	0	1	
INDU0163	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	04/22/75-04/22/75	0	1	
INDU0166	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	04/22/75-04/22/75	0	2	
INDU0167	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	04/22/75-04/22/75	0	1	
INDU0168	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	04/22/75-04/22/75	0	1	
INDU0171	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	07/08/81-07/08/81	0	1	
INDU0172	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	10/15/79-10/15/79	0	1	
INDU0174	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	07/08/81-07/08/81	0	1	
INDU0176	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	09/23/81-09/23/81	0	3	
INDU0178	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	07/08/81-07/08/81	0	1	
INDU0182	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	07/08/81-07/08/81	0	1	
INDU0185	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	07/08/81-07/08/81	0	1	
INDU0186	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	07/08/81-07/08/81	0	1	
INDU0189	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	07/08/81-07/08/81	0	1	
INDU0194	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	08/28/79-09/03/80	1	3	
INDU0195	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	09/24/81-09/24/81	0	3	
INDU0206	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	10/13/79-10/13/79	0	3	
INDU0207	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	09/23/81-09/23/81	0	3	
INDU0215	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	10/12/79-10/12/79	0	1	
INDU0220	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	10/10/79-10/10/79	0	3	
INDU0229	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	12/04/80-12/04/80	0	2	
INDU0266	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	10/16/79-10/16/79	0	3	
INDU0275	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	10/04/79-10/04/79	0	1	
INDU0282	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	10/08/79-10/08/79	0	1	
INDU0322	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	10/02/79-10/02/79	0	3	
INDU0323	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	12/04/80-12/04/80	0	2	
INDU0330	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	10/03/79-10/03/79	0	3	
INDU0333	No	00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	12/04/80-12/04/80	0	1	
INDU0028	No	00340	COD, .25N K2CR2O7 MG/L	02/03/75-02/03/75	0	1	
INDU0169	No	00340	COD, .25N K2CR2O7 MG/L	01/23/79-06/27/79	0	5	
INDU0184	No	00340	COD, .25N K2CR2O7 MG/L	06/27/79-06/27/79	0	1	
INDU0328	No	00340	COD, .25N K2CR2O7 MG/L	06/24/65-01/16/73	7	229	
INDU0298	No	00370	CHLORINE DEMAND, 1 HOUR (MG/L)	11/03/58-11/16/65	7	252	
INDU0298	No	00380	CHLORINE DEMAND, 24 HOUR (MG/L)	11/03/58-11/16/65	7	233	
INDU0002	Yes	00400	PH (STANDARD UNITS)	08/03/73-08/09/78	5	11	
INDU0003	Yes	00400	PH (STANDARD UNITS)	05/13/76-08/26/79	3	9	
INDU0004	Yes	00400	PH (STANDARD UNITS)	08/03/73-08/26/79	6	12	
INDU0005	Yes	00400	PH (STANDARD UNITS)	08/03/73-05/17/77	3	4	
INDU0009	No	00400	PH (STANDARD UNITS)	01/25/71-07/28/92	21	165	
INDU0027	No	00400	PH (STANDARD UNITS)	10/02/78-07/11/80	1	8	
INDU0030	No	00400	PH (STANDARD UNITS)	01/18/73-07/28/92	19	163	
INDU0040	No	00400	PH (STANDARD UNITS)	04/08/80-09/23/81	1	43	
INDU0041	No	00400	PH (STANDARD UNITS)	06/23/80-10/15/80	0	15	
INDU0044	No	00400	PH (STANDARD UNITS)	09/06/72-04/25/73	0	13	
INDU0045	No	00400	PH (STANDARD UNITS)	09/06/72-04/25/73	0	13	
INDU0050	No	00400	PH (STANDARD UNITS)	04/08/80-04/08/80	0	3	
INDU0052	No	00400	PH (STANDARD UNITS)	05/20/80-07/20/81	1	24	
INDU0053	No	00400	PH (STANDARD UNITS)	04/08/80-09/23/81	1	73	
INDU0055	Yes	00400	PH (STANDARD UNITS)	08/02/73-07/11/80	6	17	
INDU0056	Yes	00400	PH (STANDARD UNITS)	02/03/75-06/22/76	1	2	
INDU0057	No	00400	PH (STANDARD UNITS)	06/11/77-09/24/77	0	6	
INDU0058	Yes	00400	PH (STANDARD UNITS)	10/18/73-10/18/73	0	1	
INDU0061	No	00400	PH (STANDARD UNITS)	05/18/81-09/23/81	0	30	
INDU0062	No	00400	PH (STANDARD UNITS)	07/27/77-07/27/77	0	1	
INDU0063	No	00400	PH (STANDARD UNITS)	08/02/73-07/11/80	6	19	
INDU0064	No	00400	PH (STANDARD UNITS)	06/11/77-09/24/77	0	8	
INDU0065	No	00400	PH (STANDARD UNITS)	11/30/78-11/30/78	0	1	
INDU0066	No	00400	PH (STANDARD UNITS)	11/30/78-11/30/78	0	1	
INDU0067	No	00400	PH (STANDARD UNITS)	05/28/63-05/28/63	0	1	
INDU0068	No	00400	PH (STANDARD UNITS)	09/02/62-05/28/63	0	5	
INDU0069	No	00400	PH (STANDARD UNITS)	05/20/80-09/23/81	1	30	
INDU0070	No	00400	PH (STANDARD UNITS)	10/15/80-10/15/80	0	9	
INDU0071	Yes	00400	PH (STANDARD UNITS)	01/22/74-06/22/76	2	4	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0072	Yes	00400	PH (STANDARD UNITS)	10/03/78-07/11/80	1	9	
INDU0073	No	00400	PH (STANDARD UNITS)	09/23/81-09/23/81	0	6	
INDU0074	Yes	00400	PH (STANDARD UNITS)	02/26/79-03/21/79	0	2	
INDU0075	Yes	00400	PH (STANDARD UNITS)	03/14/85-03/14/85	0	1	
INDU0076	Yes	00400	PH (STANDARD UNITS)	10/18/73-10/18/73	0	1	
INDU0078	No	00400	PH (STANDARD UNITS)	07/21/80-07/21/80	0	7	
INDU0079	No	00400	PH (STANDARD UNITS)	07/21/80-09/23/81	1	18	
INDU0080	No	00400	PH (STANDARD UNITS)	06/11/77-09/24/77	0	7	
INDU0082	No	00400	PH (STANDARD UNITS)	06/11/77-09/24/77	0	8	
INDU0083	No	00400	PH (STANDARD UNITS)	06/23/80-06/23/80	0	3	
INDU0084	No	00400	PH (STANDARD UNITS)	05/20/80-09/17/80	0	27	
INDU0085	Yes	00400	PH (STANDARD UNITS)	10/18/73-10/18/73	0	1	
INDU0086	No	00400	PH (STANDARD UNITS)	10/20/62-10/20/62	0	3	
INDU0087	No	00400	PH (STANDARD UNITS)	05/27/63-05/27/63	0	1	
INDU0089	Yes	00400	PH (STANDARD UNITS)	09/17/80-09/17/80	0	4	
INDU0090	Yes	00400	PH (STANDARD UNITS)	04/15/77-11/16/77	0	5	
INDU0091	Yes	00400	PH (STANDARD UNITS)	04/15/77-11/16/77	0	5	
INDU0093	Yes	00400	PH (STANDARD UNITS)	04/25/74-08/10/78	4	16	
INDU0094	No	00400	PH (STANDARD UNITS)	08/02/73-07/11/80	6	27	
INDU0095	Yes	00400	PH (STANDARD UNITS)	08/02/73-06/24/76	2	5	
INDU0096	Yes	00400	PH (STANDARD UNITS)	04/15/77-05/09/78	1	7	
INDU0097	Yes	00400	PH (STANDARD UNITS)	04/15/77-05/09/78	1	7	
INDU0098	Yes	00400	PH (STANDARD UNITS)	08/02/73-08/10/78	5	12	
INDU0099	Yes	00400	PH (STANDARD UNITS)	07/01/77-07/01/77	0	1	
INDU0100	Yes	00400	PH (STANDARD UNITS)	07/01/77-07/01/77	0	1	
INDU0101	No	00400	PH (STANDARD UNITS)	06/22/76-05/10/78	1	12	
INDU0102	No	00400	PH (STANDARD UNITS)	06/22/76-05/10/78	1	17	
INDU0103	No	00400	PH (STANDARD UNITS)	08/02/73-08/25/79	6	21	
INDU0104	No	00400	PH (STANDARD UNITS)	07/01/77-08/19/77	0	2	
INDU0105	Yes	00400	PH (STANDARD UNITS)	04/13/77-08/25/81	4	18	
INDU0106	Yes	00400	PH (STANDARD UNITS)	07/01/77-07/01/77	0	1	
INDU0107	Yes	00400	PH (STANDARD UNITS)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00400	PH (STANDARD UNITS)	08/31/77-08/31/77	0	1	
INDU0109	Yes	00400	PH (STANDARD UNITS)	08/31/77-08/31/77	0	1	
INDU0110	No	00400	PH (STANDARD UNITS)	09/23/81-09/23/81	0	6	
INDU0111	Yes	00400	PH (STANDARD UNITS)	07/01/77-07/01/77	0	1	
INDU0112	Yes	00400	PH (STANDARD UNITS)	08/14/75-04/05/78	2	14	
INDU0113	No	00400	PH (STANDARD UNITS)	03/11/77-08/30/77	0	3	
INDU0114	No	00400	PH (STANDARD UNITS)	06/28/77-05/09/78	0	7	
INDU0115	No	00400	PH (STANDARD UNITS)	04/15/77-05/09/78	1	11	
INDU0116	No	00400	PH (STANDARD UNITS)	04/15/77-08/26/81	4	15	
INDU0117	Yes	00400	PH (STANDARD UNITS)	06/29/77-06/29/77	0	1	
INDU0118	Yes	00400	PH (STANDARD UNITS)	09/29/76-04/05/78	1	6	
INDU0119	Yes	00400	PH (STANDARD UNITS)	06/29/77-06/29/77	0	1	
INDU0120	Yes	00400	PH (STANDARD UNITS)	05/11/76-10/12/77	1	5	
INDU0121	Yes	00400	PH (STANDARD UNITS)	08/31/77-08/31/77	0	1	
INDU0122	No	00400	PH (STANDARD UNITS)	08/28/74-05/09/78	3	18	
INDU0123	No	00400	PH (STANDARD UNITS)	08/01/73-05/09/78	4	18	
INDU0124	Yes	00400	PH (STANDARD UNITS)	04/20/77-04/26/83	6	5	
INDU0125	Yes	00400	PH (STANDARD UNITS)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00400	PH (STANDARD UNITS)	08/01/73-07/12/80	6	27	
INDU0127	Yes	00400	PH (STANDARD UNITS)	09/29/76-05/10/78	1	15	
INDU0128	No	00400	PH (STANDARD UNITS)	03/11/77-03/11/77	0	1	
INDU0129	Yes	00400	PH (STANDARD UNITS)	06/28/77-05/10/78	0	10	
INDU0130	No	00400	PH (STANDARD UNITS)	03/10/77-05/09/78	1	12	
INDU0131	Yes	00400	PH (STANDARD UNITS)	04/14/77-01/17/78	0	8	
INDU0132	No	00400	PH (STANDARD UNITS)	11/11/76-11/11/76	0	1	
INDU0133	Yes	00400	PH (STANDARD UNITS)	06/29/77-06/29/77	0	1	
INDU0134	Yes	00400	PH (STANDARD UNITS)	03/10/77-05/09/78	1	12	
INDU0135	Yes	00400	PH (STANDARD UNITS)	11/11/76-08/26/81	4	13	
INDU0136	No	00400	PH (STANDARD UNITS)	04/14/77-12/20/77	0	8	
INDU0137	No	00400	PH (STANDARD UNITS)	10/18/73-10/18/73	0	1	
INDU0138	No	00400	PH (STANDARD UNITS)	02/09/72-04/25/73	1	30	
INDU0139	No	00400	PH (STANDARD UNITS)	06/07/72-04/25/73	0	22	
INDU0140	Yes	00400	PH (STANDARD UNITS)	01/26/71-06/24/92	21	196	
INDU0141	No	00400	PH (STANDARD UNITS)	06/23/80-06/23/80	0	12	
INDU0142	No	00400	PH (STANDARD UNITS)	08/23/63-09/09/63	0	10	
INDU0143	No	00400	PH (STANDARD UNITS)	01/14/86-04/22/92	6	66	
INDU0144	No	00400	PH (STANDARD UNITS)	09/02/72-05/31/73	0	261	
INDU0145	No	00400	PH (STANDARD UNITS)	09/01/72-05/31/73	0	262	
INDU0146	No	00400	PH (STANDARD UNITS)	04/09/80-10/20/81	1	59	
INDU0147	No	00400	PH (STANDARD UNITS)	09/01/72-05/31/73	0	264	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0148	No	00400	PH (STANDARD UNITS)	09/01/72-05/31/73	0	252	
INDU0149	No	00400	PH (STANDARD UNITS)	05/19/80-10/20/81	1	81	
INDU0150	No	00400	PH (STANDARD UNITS)	08/23/63-09/09/63	0	10	
INDU0151	Yes	00400	PH (STANDARD UNITS)	04/18/78-07/11/80	2	20	
INDU0153	No	00400	PH (STANDARD UNITS)	08/23/63-09/09/63	0	14	
INDU0155	No	00400	PH (STANDARD UNITS)	11/18/80-06/25/81	0	28	
INDU0157	No	00400	PH (STANDARD UNITS)	10/20/62-05/27/63	0	4	
INDU0161	No	00400	PH (STANDARD UNITS)	08/23/63-09/09/63	0	10	
INDU0164	No	00400	PH (STANDARD UNITS)	10/04/78-07/11/80	1	6	
INDU0165	No	00400	PH (STANDARD UNITS)	04/09/80-04/09/80	0	6	
INDU0169	No	00400	PH (STANDARD UNITS)	01/04/66-06/24/92	26	282	T,S
INDU0173	No	00400	PH (STANDARD UNITS)	01/02/72-05/31/73	1	478	
INDU0179	No	00400	PH (STANDARD UNITS)	01/04/66-07/27/92	26	277	T,S
INDU0184	No	00400	PH (STANDARD UNITS)	01/20/65-10/17/84	19	225	
INDU0190	No	00400	PH (STANDARD UNITS)	04/11/78-11/01/89	11	81	
INDU0193	No	00400	PH (STANDARD UNITS)	06/11/77-09/24/77	0	8	
INDU0196	No	00400	PH (STANDARD UNITS)	08/23/63-09/19/63	0	12	
INDU0199	No	00400	PH (STANDARD UNITS)	06/11/77-09/24/77	0	8	
INDU0200	No	00400	PH (STANDARD UNITS)	08/23/63-09/19/63	0	15	
INDU0201	No	00400	PH (STANDARD UNITS)	04/09/80-07/22/81	1	51	
INDU0202	No	00400	PH (STANDARD UNITS)	06/25/80-09/16/80	0	9	
INDU0203	No	00400	PH (STANDARD UNITS)	05/20/80-10/20/81	1	33	
INDU0204	No	00400	PH (STANDARD UNITS)	08/23/63-09/19/63	0	11	
INDU0208	No	00400	PH (STANDARD UNITS)	01/04/66-07/27/92	26	242	T,S
INDU0209	Yes	00400	PH (STANDARD UNITS)	10/18/73-10/18/73	0	1	
INDU0210	No	00400	PH (STANDARD UNITS)	06/25/80-06/25/80	0	5	
INDU0211	No	00400	PH (STANDARD UNITS)	04/09/80-07/22/81	1	70	
INDU0212	No	00400	PH (STANDARD UNITS)	07/22/80-06/25/81	0	39	
INDU0213	No	00400	PH (STANDARD UNITS)	08/23/63-09/19/63	0	9	
INDU0214	Yes	00400	PH (STANDARD UNITS)	07/31/73-08/09/78	5	8	
INDU0216	No	00400	PH (STANDARD UNITS)	10/04/78-07/11/80	1	9	
INDU0217	No	00400	PH (STANDARD UNITS)	10/20/81-10/20/81	0	11	
INDU0218	No	00400	PH (STANDARD UNITS)	05/20/80-07/22/81	1	32	
INDU0219	No	00400	PH (STANDARD UNITS)	08/23/63-09/19/63	0	10	
INDU0222	No	00400	PH (STANDARD UNITS)	05/20/80-05/20/80	0	6	
INDU0223	No	00400	PH (STANDARD UNITS)	06/02/81-06/02/81	0	10	
INDU0226	No	00400	PH (STANDARD UNITS)	05/20/80-06/25/81	1	13	
INDU0227	No	00400	PH (STANDARD UNITS)	09/16/80-06/02/81	0	26	
INDU0230	No	00400	PH (STANDARD UNITS)	10/03/78-07/09/80	1	8	
INDU0232	No	00400	PH (STANDARD UNITS)	08/22/63-09/18/63	0	9	
INDU0234	No	00400	PH (STANDARD UNITS)	07/22/80-07/22/81	1	21	
INDU0235	No	00400	PH (STANDARD UNITS)	04/09/80-10/20/81	1	41	
INDU0236	No	00400	PH (STANDARD UNITS)	10/03/78-07/09/80	1	8	
INDU0237	No	00400	PH (STANDARD UNITS)	10/19/62-05/27/63	0	4	
INDU0238	No	00400	PH (STANDARD UNITS)	05/27/63-05/27/63	0	1	
INDU0240	No	00400	PH (STANDARD UNITS)	08/22/63-09/18/63	0	7	
INDU0241	No	00400	PH (STANDARD UNITS)	05/20/80-10/20/81	1	40	
INDU0242	No	00400	PH (STANDARD UNITS)	06/25/80-07/22/81	1	28	
INDU0245	No	00400	PH (STANDARD UNITS)	08/22/63-09/18/63	0	10	
INDU0251	No	00400	PH (STANDARD UNITS)	08/22/63-09/18/63	0	7	
INDU0262	No	00400	PH (STANDARD UNITS)	01/08/72-03/31/73	1	55	
INDU0264	No	00400	PH (STANDARD UNITS)	01/03/72-03/24/73	1	54	
INDU0265	No	00400	PH (STANDARD UNITS)	02/03/72-02/21/73	1	48	
INDU0268	No	00400	PH (STANDARD UNITS)	04/09/80-07/22/81	1	30	
INDU0269	No	00400	PH (STANDARD UNITS)	07/07/77-07/07/77	0	1	
INDU0271	No	00400	PH (STANDARD UNITS)	04/11/78-11/01/89	11	83	
INDU0272	No	00400	PH (STANDARD UNITS)	02/04/72-03/26/73	1	53	
INDU0273	No	00400	PH (STANDARD UNITS)	08/22/63-09/11/63	0	7	
INDU0274	No	00400	PH (STANDARD UNITS)	01/01/72-03/24/73	1	51	
INDU0276	No	00400	PH (STANDARD UNITS)	03/06/72-03/25/73	1	50	
INDU0277	No	00400	PH (STANDARD UNITS)	01/08/72-03/29/73	1	53	
INDU0278	No	00400	PH (STANDARD UNITS)	08/22/63-09/18/63	0	10	
INDU0279	No	00400	PH (STANDARD UNITS)	06/11/77-09/24/77	0	8	
INDU0280	No	00400	PH (STANDARD UNITS)	01/06/72-03/29/73	1	53	
INDU0285	No	00400	PH (STANDARD UNITS)	08/22/63-09/18/63	0	10	
INDU0288	No	00400	PH (STANDARD UNITS)	01/05/72-03/28/73	1	57	
INDU0289	No	00400	PH (STANDARD UNITS)	01/05/72-03/28/73	1	55	
INDU0290	No	00400	PH (STANDARD UNITS)	01/01/72-12/10/73	1	113	
INDU0291	No	00400	PH (STANDARD UNITS)	01/01/72-03/27/73	1	112	
INDU0292	No	00400	PH (STANDARD UNITS)	08/22/63-09/18/63	0	9	
INDU0294	No	00400	PH (STANDARD UNITS)	04/09/80-10/20/81	1	81	
INDU0295	No	00400	PH (STANDARD UNITS)	04/09/80-06/24/81	1	27	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0297	No	00400	PH (STANDARD UNITS)	09/16/80-10/20/81	1	19	
INDU0298	No	00400	PH (STANDARD UNITS)	10/06/58-06/03/69	10	405	
INDU0302	No	00400	PH (STANDARD UNITS)	08/22/63-09/18/63	0	8	
INDU0303	No	00400	PH (STANDARD UNITS)	01/04/72-03/27/73	1	56	
INDU0306	No	00400	PH (STANDARD UNITS)	01/01/72-03/24/73	1	56	
INDU0309	No	00400	PH (STANDARD UNITS)	01/01/72-03/31/73	1	283	
INDU0311	No	00400	PH (STANDARD UNITS)	07/22/80-08/26/80	0	7	
INDU0315	No	00400	PH (STANDARD UNITS)	05/07/72-03/30/73	0	41	
INDU0317	No	00400	PH (STANDARD UNITS)	01/07/72-03/30/73	1	57	
INDU0318	No	00400	PH (STANDARD UNITS)	01/04/72-03/30/73	1	112	
INDU0319	No	00400	PH (STANDARD UNITS)	01/07/72-03/30/73	1	56	
INDU0321	No	00400	PH (STANDARD UNITS)	01/15/86-07/27/92	6	69	
INDU0326	No	00400	PH (STANDARD UNITS)	02/01/72-03/31/73	1	238	
INDU0328	No	00400	PH (STANDARD UNITS)	06/24/65-01/16/73	7	240	
INDU0331	No	00400	PH (STANDARD UNITS)	01/05/65-12/18/85	20	229	
INDU0009	No	00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	22	214	T,S
INDU0028	No	00403	PH, LAB, STANDARD UNITS SU	02/03/75-02/03/75	0	1	
INDU0030	No	00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	19	201	
INDU0075	Yes	00403	PH, LAB, STANDARD UNITS SU	03/14/85-03/14/85	0	1	
INDU0105	Yes	00403	PH, LAB, STANDARD UNITS SU	02/18/81-08/25/81	0	3	
INDU0116	No	00403	PH, LAB, STANDARD UNITS SU	02/19/81-08/26/81	0	3	
INDU0124	Yes	00403	PH, LAB, STANDARD UNITS SU	04/20/82-04/26/83	1	2	
INDU0135	Yes	00403	PH, LAB, STANDARD UNITS SU	02/19/81-08/26/81	0	3	
INDU0140	Yes	00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	21	264	
INDU0143	No	00403	PH, LAB, STANDARD UNITS SU	01/14/86-07/27/92	6	76	
INDU0169	No	00403	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	25	374	T,A,S
INDU0179	No	00403	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	25	365	T,A,S
INDU0184	No	00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	17	281	
INDU0190	No	00403	PH, LAB, STANDARD UNITS SU	03/28/90-12/16/91	1	12	
INDU0191	No	00403	PH, LAB, STANDARD UNITS SU	08/11/81-09/19/89	8	4	
INDU0208	No	00403	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	25	337	T,A,S
INDU0243	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0244	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0261	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0263	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0267	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0270	No	00403	PH, LAB, STANDARD UNITS SU	04/19/89-09/19/89	0	2	
INDU0271	No	00403	PH, LAB, STANDARD UNITS SU	03/28/90-12/16/91	1	12	
INDU0281	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0283	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0284	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0286	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0296	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0299	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0300	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0301	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0304	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0320	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0321	No	00403	PH, LAB, STANDARD UNITS SU	01/15/86-07/27/92	6	78	
INDU0324	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0329	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0331	No	00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	18	286	
INDU0332	No	00403	PH, LAB, STANDARD UNITS SU	10/03/84-10/03/84	0	1	
INDU0002	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/24/74-04/24/74	0	1	
INDU0003	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/26/76-08/26/79	3	3	
INDU0004	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/03/73-06/26/76	2	5	
INDU0005	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/16/73-10/16/73	0	1	
INDU0027	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/79-08/26/79	0	1	
INDU0055	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/02/73-08/26/79	6	7	
INDU0056	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	02/03/75-02/03/75	0	1	
INDU0062	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/77-07/27/77	0	1	
INDU0063	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/02/73-08/26/79	6	7	
INDU0071	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	02/03/75-02/03/75	0	1	
INDU0072	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/24/79-08/24/79	0	1	
INDU0090	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/15/77-11/16/77	0	5	
INDU0091	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/15/77-11/16/77	0	5	
INDU0093	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/25/74-08/10/78	4	14	
INDU0094	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/02/73-08/24/79	6	7	
INDU0096	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/15/77-05/09/78	1	7	
INDU0097	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/15/77-05/09/78	1	7	
INDU0098	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/14/75-08/10/78	2	6	
INDU0099	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/01/77-07/01/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0100	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/01/77-07/01/77	0	1	
INDU0101	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/28/76-05/10/78	1	10	
INDU0102	No	00405	CARBON DIOXIDE (MG/L AS CO2)	02/17/77-05/10/78	1	15	
INDU0103	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/02/73-08/25/79	6	10	
INDU0104	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/01/77-08/19/77	0	2	
INDU0105	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/13/77-08/25/79	2	13	
INDU0106	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/01/77-07/01/77	0	1	
INDU0107	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/77-08/31/77	0	1	
INDU0109	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/77-08/31/77	0	1	
INDU0111	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/01/77-07/01/77	0	1	
INDU0112	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/14/75-04/05/78	2	12	
INDU0113	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/77-08/30/77	0	3	
INDU0114	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/28/77-05/09/78	0	7	
INDU0115	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/15/77-05/09/78	1	11	
INDU0116	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/15/77-05/09/78	1	12	
INDU0117	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/29/77-06/29/77	0	1	
INDU0118	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/29/76-04/05/78	1	4	
INDU0119	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/29/77-06/29/77	0	1	
INDU0120	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/29/76-10/12/77	1	2	
INDU0121	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/77-08/31/77	0	1	
INDU0122	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/28/74-05/09/78	3	12	
INDU0123	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/28/76-05/09/78	1	15	
INDU0124	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/20/77-06/28/77	0	2	
INDU0125	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/01/73-08/25/79	6	20	
INDU0127	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/29/76-05/10/78	1	14	
INDU0128	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/77-03/11/77	0	1	
INDU0129	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/28/77-05/10/78	0	10	
INDU0130	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/10/77-05/09/78	1	12	
INDU0131	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/14/77-01/17/78	0	8	
INDU0133	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/29/77-06/29/77	0	1	
INDU0134	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	03/10/77-05/09/78	1	12	
INDU0135	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	02/11/77-05/10/78	1	8	
INDU0136	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/14/77-12/20/77	0	8	
INDU0151	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/18/78-08/24/79	1	2	
INDU0164	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/24/79-08/24/79	0	1	
INDU0214	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/31/73-08/17/75	2	2	
INDU0216	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/24/79-08/24/79	0	1	
INDU0230	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/23/79-08/23/79	0	1	
INDU0236	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/23/79-08/23/79	0	1	
INDU0002	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/24/74-04/24/74	0	1	
INDU0003	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/26/76-08/26/79	3	4	
INDU0004	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/03/73-06/26/76	2	5	
INDU0005	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/73-01/23/74	0	2	
INDU0006	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/12/62-04/12/62	0	1	
INDU0009	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	22	158	T,S
INDU0011	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/17/59-12/17/59	0	1	
INDU0012	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/17/59-12/17/59	0	1	
INDU0015	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/55-12/17/59	4	2	
INDU0016	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/17/59-12/17/59	0	1	
INDU0027	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/15/78-07/11/80	1	3	
INDU0028	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/03/75-02/03/75	0	1	
INDU0030	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	12	127	
INDU0034	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/24/57-05/24/57	0	1	
INDU0035	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/26/62-04/26/62	0	1	
INDU0038	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/24/57-05/24/57	0	1	
INDU0042	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/57-08/30/57	0	1	
INDU0051	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/12/62-04/12/62	0	1	
INDU0055	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/73-07/11/80	6	9	
INDU0056	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/03/75-02/03/75	0	1	
INDU0057	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/77-09/24/77	0	6	
INDU0059	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/11/62-04/11/62	0	1	
INDU0060	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/11/62-04/11/62	0	1	
INDU0062	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/27/77-07/27/77	0	1	
INDU0063	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/73-07/11/80	6	8	
INDU0064	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/77-09/24/77	0	8	
INDU0065	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/30/78-11/30/78	0	1	
INDU0066	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/30/78-11/30/78	0	1	
INDU0067	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/28/63-05/28/63	0	1	
INDU0068	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/02/62-05/28/63	0	5	
INDU0071	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/03/75-02/03/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0072	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/17/78-07/11/80	1	3	
INDU0075	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/14/85-03/14/85	0	1	
INDU0077	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/19/77-01/19/77	0	1	
INDU0080	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/77-09/24/77	0	7	
INDU0082	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/77-09/24/77	0	8	
INDU0086	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/62-10/20/62	0	7	
INDU0087	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/27/63-05/27/63	0	1	
INDU0090	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/77-11/16/77	0	6	
INDU0091	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/77-11/16/77	0	6	
INDU0093	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/25/74-08/10/78	4	14	
INDU0094	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/73-07/11/80	6	9	
INDU0096	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/77-05/09/78	1	7	
INDU0097	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/77-05/09/78	1	7	
INDU0098	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/75-08/10/78	2	6	
INDU0099	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/77-10/13/77	0	2	
INDU0100	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/77-04/06/78	0	3	
INDU0101	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/28/76-05/10/78	1	10	
INDU0102	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/28/76-05/10/78	1	16	
INDU0103	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/73-08/25/79	6	12	
INDU0104	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/77-11/23/77	0	4	
INDU0105	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/13/77-07/12/80	3	15	
INDU0106	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/77-04/06/78	0	3	
INDU0107	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	0	1	
INDU0109	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	0	1	
INDU0111	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/77-04/06/78	0	3	
INDU0112	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/24/74-04/05/78	4	13	
INDU0113	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/77-08/30/77	0	4	
INDU0114	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/77-05/09/78	0	7	
INDU0115	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/77-05/09/78	1	11	
INDU0116	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/77-05/09/78	1	12	
INDU0117	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/29/77-04/06/78	0	3	
INDU0118	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/29/76-04/05/78	1	5	
INDU0119	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/29/77-04/06/78	0	3	
INDU0120	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/29/76-10/12/77	1	3	
INDU0121	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	0	1	
INDU0122	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/24/74-05/09/78	4	14	
INDU0123	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/28/76-05/09/78	1	16	
INDU0124	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/77-02/19/80	2	5	
INDU0125	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/73-07/12/80	6	24	
INDU0127	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/29/76-05/10/78	1	15	
INDU0128	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/77-03/11/77	0	1	
INDU0129	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/77-05/10/78	0	10	
INDU0130	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/11/77-05/09/78	1	13	
INDU0131	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/14/77-01/17/78	0	9	
INDU0133	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/29/77-04/06/78	0	3	
INDU0134	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/10/77-05/09/78	1	19	
INDU0135	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/11/77-05/10/78	1	9	
INDU0136	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/14/77-12/20/77	0	8	
INDU0140	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	21	77	
INDU0142	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/09/63	0	10	
INDU0143	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	6	76	
INDU0144	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/02/72-05/31/73	0	261	
INDU0145	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/01/72-05/31/73	0	262	
INDU0147	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/01/72-05/31/73	0	266	
INDU0148	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/01/72-05/31/73	0	252	
INDU0150	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/09/63	0	10	
INDU0151	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/78-07/11/80	2	14	
INDU0153	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/09/63	0	14	
INDU0157	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/62-05/27/63	0	7	
INDU0161	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/09/63	0	10	
INDU0164	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/17/78-07/11/80	1	3	
INDU0169	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	26	272	T,S
INDU0173	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/72-05/31/73	1	477	
INDU0179	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	26	259	T,S
INDU0184	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	19	205	
INDU0193	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/77-09/24/77	0	8	
INDU0196	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/19/63	0	12	
INDU0199	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/77-09/24/77	0	8	
INDU0200	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/19/63	0	15	
INDU0204	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/19/63	0	11	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0208	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	26	245	T,S
INDU0213	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/19/63	0	9	
INDU0214	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/73-08/17/75	2	2	
INDU0216	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/18/78-07/11/80	1	3	
INDU0219	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/19/63	0	9	
INDU0221	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/59-10/13/59	0	1	
INDU0228	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/59-10/13/59	0	1	
INDU0230	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/78-07/09/80	1	3	
INDU0232	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/18/63	0	9	
INDU0236	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/78-07/09/80	1	3	
INDU0237	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/62-05/27/63	0	7	
INDU0240	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/18/63	0	9	
INDU0245	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/18/63	0	12	
INDU0251	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/18/63	0	9	
INDU0269	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/07/77-07/07/77	0	1	
INDU0273	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/11/63	0	9	
INDU0278	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/18/63	0	10	
INDU0279	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/77-09/24/77	0	8	
INDU0285	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/18/63	0	12	
INDU0292	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/18/63	0	9	
INDU0293	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/30/41-09/30/41	0	1	
INDU0298	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	10	406	
INDU0302	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/18/63	0	9	
INDU0307	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/59-10/12/59	0	1	
INDU0308	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/29/35-04/29/35	0	1	
INDU0310	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/13/61-12/13/61	0	1	
INDU0313	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/59-10/12/59	0	1	
INDU0314	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/59-10/12/59	0	1	
INDU0316	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/59-10/13/59	0	1	
INDU0321	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	6	78	
INDU0327	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/13/61-12/13/61	0	1	
INDU0328	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/66-09/26/67	0	52	
INDU0331	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	20	217	
INDU0334	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/22/62-01/22/62	0	1	
INDU0336	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/14/59-10/14/59	0	1	
INDU0337	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/26/56-10/14/59	3	2	
INDU0006	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/12/62-04/12/62	0	1	
INDU0011	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	12/17/59-12/17/59	0	1	
INDU0012	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	12/17/59-12/17/59	0	1	
INDU0015	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	06/01/55-12/17/59	4	2	
INDU0016	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	12/17/59-12/17/59	0	1	
INDU0034	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/24/57-05/24/57	0	1	
INDU0035	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/26/62-04/26/62	0	1	
INDU0038	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/24/57-05/24/57	0	1	
INDU0042	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/30/57-08/30/57	0	1	
INDU0051	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/12/62-04/12/62	0	1	
INDU0059	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/11/62-04/11/62	0	1	
INDU0060	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/11/62-04/11/62	0	1	
INDU0221	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/13/59-10/13/59	0	1	
INDU0228	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/13/59-10/13/59	0	1	
INDU0293	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/30/41-09/30/41	0	1	
INDU0307	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/12/59-10/12/59	0	1	
INDU0308	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/29/35-04/29/35	0	1	
INDU0310	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	12/13/61-12/13/61	0	1	
INDU0313	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/12/59-10/12/59	0	1	
INDU0314	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/12/59-10/12/59	0	1	
INDU0316	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/13/59-10/13/59	0	1	
INDU0327	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	12/13/61-12/13/61	0	1	
INDU0334	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	01/22/62-01/22/62	0	1	
INDU0336	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/14/59-10/14/59	0	1	
INDU0337	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/26/56-10/14/59	3	2	
INDU0123	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	04/12/77-11/16/77	0	2	
INDU0130	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	04/12/77-11/16/77	0	2	
INDU0134	Yes	00435	ACIDITY, TOTAL (MG/L AS CACO3)	12/21/77-12/21/77	0	1	
INDU0002	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/24/74-04/24/74	0	1	
INDU0003	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/26/76-07/26/77	1	2	
INDU0004	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/03/73-06/26/76	2	5	
INDU0005	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/16/73-01/23/74	0	2	
INDU0055	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/02/73-08/08/78	5	7	
INDU0056	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	02/03/75-02/03/75	0	1	
INDU0062	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/27/77-07/27/77	0	1	
INDU0063	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/02/73-08/08/78	5	6	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0071	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	02/03/75-02/03/75	0	1	
INDU0077	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	01/19/77-01/19/77	0	1	
INDU0090	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/15/77-11/16/77	0	6	
INDU0091	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/15/77-11/16/77	0	6	
INDU0093	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/25/74-08/10/78	4	14	
INDU0094	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/02/73-08/08/78	5	6	
INDU0096	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/15/77-05/09/78	1	7	
INDU0097	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/15/77-05/09/78	1	7	
INDU0098	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/14/75-08/10/78	2	6	
INDU0099	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/01/77-10/13/77	0	2	
INDU0100	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/01/77-04/06/78	0	3	
INDU0101	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/28/76-05/10/78	1	10	
INDU0102	No	00440	BICARBONATE ION (MG/L AS HCO3)	02/17/77-05/10/78	1	15	
INDU0103	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/02/73-08/10/78	5	10	
INDU0104	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/01/77-11/23/77	0	4	
INDU0105	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/13/77-05/10/78	1	12	
INDU0106	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/01/77-04/06/78	0	3	
INDU0107	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/31/77-08/31/77	0	1	
INDU0109	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/31/77-08/31/77	0	1	
INDU0111	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/01/77-04/06/78	0	3	
INDU0112	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	01/24/74-04/05/78	4	13	
INDU0113	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/11/77-08/30/77	0	4	
INDU0114	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/28/77-05/09/78	0	7	
INDU0115	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/15/77-05/09/78	1	11	
INDU0116	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/15/77-05/09/78	1	12	
INDU0117	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/29/77-04/06/78	0	3	
INDU0118	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/29/76-04/05/78	1	5	
INDU0119	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/29/77-04/06/78	0	3	
INDU0120	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/29/76-10/12/77	1	3	
INDU0121	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/31/77-08/31/77	0	1	
INDU0122	No	00440	BICARBONATE ION (MG/L AS HCO3)	01/24/74-05/09/78	4	14	
INDU0123	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/28/76-05/09/78	1	16	
INDU0124	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/20/77-10/12/77	0	4	
INDU0125	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/01/73-05/10/78	4	21	
INDU0127	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/29/76-05/10/78	1	15	
INDU0128	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/11/77-03/11/77	0	1	
INDU0129	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/28/77-05/10/78	0	10	
INDU0130	No	00440	BICARBONATE ION (MG/L AS HCO3)	02/11/77-05/09/78	1	13	
INDU0131	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/14/77-01/17/78	0	9	
INDU0133	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/29/77-04/06/78	0	3	
INDU0134	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	03/10/77-05/09/78	1	19	
INDU0135	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	02/11/77-05/10/78	1	9	
INDU0136	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/14/77-12/20/77	0	8	
INDU0151	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/18/78-04/18/78	0	1	
INDU0214	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/31/73-08/17/75	2	2	
INDU0003	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/26/76-07/26/77	1	2	
INDU0004	Yes	00445	CARBONATE ION (MG/L AS CO3)	02/04/75-06/26/76	1	3	
INDU0005	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/16/73-01/23/74	0	2	
INDU0055	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/26/74-08/08/78	3	5	
INDU0056	Yes	00445	CARBONATE ION (MG/L AS CO3)	02/03/75-02/03/75	0	1	
INDU0062	No	00445	CARBONATE ION (MG/L AS CO3)	07/27/77-07/27/77	0	1	
INDU0063	No	00445	CARBONATE ION (MG/L AS CO3)	08/26/74-08/08/78	3	4	
INDU0071	Yes	00445	CARBONATE ION (MG/L AS CO3)	02/03/75-02/03/75	0	1	
INDU0090	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/15/77-11/16/77	0	5	
INDU0091	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/15/77-11/16/77	0	5	
INDU0093	Yes	00445	CARBONATE ION (MG/L AS CO3)	11/13/74-08/10/78	3	13	
INDU0094	No	00445	CARBONATE ION (MG/L AS CO3)	08/27/74-08/08/78	3	4	
INDU0096	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/15/77-05/09/78	1	7	
INDU0097	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/15/77-05/09/78	1	7	
INDU0098	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/14/75-08/10/78	2	6	
INDU0099	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/01/77-07/01/77	0	1	
INDU0100	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/01/77-07/01/77	0	1	
INDU0101	No	00445	CARBONATE ION (MG/L AS CO3)	09/28/76-05/10/78	1	10	
INDU0102	No	00445	CARBONATE ION (MG/L AS CO3)	02/17/77-05/10/78	1	15	
INDU0103	No	00445	CARBONATE ION (MG/L AS CO3)	08/28/74-08/10/78	3	7	
INDU0104	No	00445	CARBONATE ION (MG/L AS CO3)	07/01/77-11/23/77	0	3	
INDU0105	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/13/77-05/10/78	1	12	
INDU0106	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/01/77-07/01/77	0	1	
INDU0107	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/31/77-08/31/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0109	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/31/77-08/31/77	0	1	
INDU0111	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/01/77-07/01/77	0	1	
INDU0112	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/14/75-04/05/78	2	12	
INDU0113	No	00445	CARBONATE ION (MG/L AS CO3)	03/11/77-08/30/77	0	3	
INDU0114	No	00445	CARBONATE ION (MG/L AS CO3)	07/29/77-05/09/78	0	6	
INDU0115	No	00445	CARBONATE ION (MG/L AS CO3)	04/15/77-05/09/78	1	11	
INDU0116	No	00445	CARBONATE ION (MG/L AS CO3)	04/15/77-05/09/78	1	12	
INDU0118	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/29/76-04/05/78	1	4	
INDU0120	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/12/77-10/12/77	0	1	
INDU0121	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/31/77-08/31/77	0	1	
INDU0122	No	00445	CARBONATE ION (MG/L AS CO3)	08/28/74-05/09/78	3	12	
INDU0123	No	00445	CARBONATE ION (MG/L AS CO3)	09/28/76-05/09/78	1	15	
INDU0124	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/28/77-10/12/77	0	3	
INDU0125	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/28/74-05/10/78	3	18	
INDU0127	Yes	00445	CARBONATE ION (MG/L AS CO3)	02/10/77-05/10/78	1	13	
INDU0128	No	00445	CARBONATE ION (MG/L AS CO3)	03/11/77-03/11/77	0	1	
INDU0129	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/28/77-05/10/78	0	10	
INDU0130	No	00445	CARBONATE ION (MG/L AS CO3)	03/10/77-05/09/78	1	12	
INDU0131	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/14/77-01/17/78	0	9	
INDU0133	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/29/77-06/29/77	0	1	
INDU0134	Yes	00445	CARBONATE ION (MG/L AS CO3)	03/10/77-05/09/78	1	12	
INDU0135	Yes	00445	CARBONATE ION (MG/L AS CO3)	02/11/77-05/10/78	1	8	
INDU0136	No	00445	CARBONATE ION (MG/L AS CO3)	04/14/77-12/20/77	0	8	
INDU0151	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/18/78-04/18/78	0	1	
INDU0214	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/17/75-08/17/75	0	1	
INDU0243	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0244	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0261	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0263	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0267	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0281	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0283	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0284	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0286	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0296	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0299	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0300	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0301	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0304	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0320	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0324	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0329	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0332	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/84-10/03/84	0	1	
INDU0040	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	05/22/80-07/21/80	0	3	
INDU0041	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	06/23/80-09/17/80	0	3	
INDU0149	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	05/22/80-09/16/80	0	4	
INDU0171	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	07/08/81-07/08/81	0	1	
INDU0174	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	07/08/81-07/08/81	0	1	
INDU0176	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/23/81-09/23/81	0	3	
INDU0178	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	07/08/81-07/08/81	0	1	
INDU0182	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	07/08/81-07/08/81	0	1	
INDU0185	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	07/08/81-07/08/81	0	1	
INDU0186	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	07/08/81-07/08/81	0	1	
INDU0189	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	07/08/81-07/08/81	0	1	
INDU0195	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/24/81-09/24/81	0	3	
INDU0207	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/23/81-09/23/81	0	3	
INDU0218	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	05/20/80-05/20/80	0	1	
INDU0294	No	00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	05/20/80-09/16/80	0	4	
INDU0171	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	07/08/81-07/08/81	0	1	
INDU0174	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	07/08/81-07/08/81	0	1	
INDU0176	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	09/23/81-09/23/81	0	3	
INDU0178	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	07/08/81-07/08/81	0	1	
INDU0182	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	07/08/81-07/08/81	0	1	
INDU0185	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	07/08/81-07/08/81	0	1	
INDU0186	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	07/08/81-07/08/81	0	1	
INDU0189	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	07/08/81-07/08/81	0	1	
INDU0195	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	09/24/81-09/24/81	0	3	
INDU0207	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	09/23/81-09/23/81	0	3	
INDU0009	No	00500	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	22	145	T,S
INDU0030	No	00500	RESIDUE, TOTAL (MG/L)	04/21/82-07/28/92	10	82	
INDU0044	No	00500	RESIDUE, TOTAL (MG/L)	09/06/72-04/25/73	0	13	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0045	No	00500	RESIDUE, TOTAL (MG/L)	09/06/72-04/25/73	0	13	
INDU0068	No	00500	RESIDUE, TOTAL (MG/L)	09/02/62-09/02/62	0	2	
INDU0086	No	00500	RESIDUE, TOTAL (MG/L)	08/31/62-10/20/62	0	3	
INDU0104	No	00500	RESIDUE, TOTAL (MG/L)	07/01/77-11/23/77	0	4	
INDU0124	Yes	00500	RESIDUE, TOTAL (MG/L)	04/20/77-10/12/77	0	4	
INDU0138	No	00500	RESIDUE, TOTAL (MG/L)	02/09/72-04/25/73	1	30	
INDU0139	No	00500	RESIDUE, TOTAL (MG/L)	06/07/72-04/25/73	0	22	
INDU0140	Yes	00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	7	83	
INDU0143	No	00500	RESIDUE, TOTAL (MG/L)	01/14/86-07/27/92	6	76	
INDU0157	No	00500	RESIDUE, TOTAL (MG/L)	08/31/62-10/20/62	0	2	
INDU0169	No	00500	RESIDUE, TOTAL (MG/L)	03/20/85-06/24/92	7	88	
INDU0179	No	00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	11	132	
INDU0184	No	00500	RESIDUE, TOTAL (MG/L)	09/09/70-09/26/84	14	3	
INDU0208	No	00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	7	82	
INDU0237	No	00500	RESIDUE, TOTAL (MG/L)	08/31/62-10/19/62	0	4	
INDU0317	No	00500	RESIDUE, TOTAL (MG/L)	01/07/72-03/30/73	1	57	
INDU0319	No	00500	RESIDUE, TOTAL (MG/L)	01/07/72-03/30/73	1	56	
INDU0321	No	00500	RESIDUE, TOTAL (MG/L)	01/15/86-07/27/92	6	77	
INDU0331	No	00500	RESIDUE, TOTAL (MG/L)	01/13/70-11/20/85	15	32	
INDU0328	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/12/66-09/14/66	0	2	
INDU0068	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/02/62-09/02/62	0	2	
INDU0086	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/31/62-10/20/62	0	3	
INDU0112	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/11/77-02/11/77	0	1	
INDU0123	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/10/77-02/10/77	0	1	
INDU0126	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/10/77-02/10/77	0	1	
INDU0130	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/11/77-02/11/77	0	1	
INDU0142	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/63-09/09/63	0	5	
INDU0150	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/63-09/09/63	0	5	
INDU0153	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/63-09/09/63	0	9	
INDU0157	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/31/62-10/20/62	0	2	
INDU0161	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/63-09/09/63	0	5	
INDU0169	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/30/69	3	103	
INDU0179	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/30/69	3	102	
INDU0184	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/05/65-12/20/66	1	51	
INDU0196	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/63-09/19/63	0	7	
INDU0200	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/63-09/19/63	0	11	
INDU0204	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/63-09/19/63	0	6	
INDU0208	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/16/69	3	92	
INDU0213	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/63-09/19/63	0	5	
INDU0219	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/27/63-09/19/63	0	3	
INDU0232	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/18/63	0	4	
INDU0237	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/31/62-10/19/62	0	4	
INDU0240	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/18/63	0	5	
INDU0245	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/18/63	0	5	
INDU0251	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/18/63	0	5	
INDU0273	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/11/63	0	5	
INDU0278	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/18/63	0	6	
INDU0285	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/18/63	0	8	
INDU0292	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/18/63	0	5	
INDU0298	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/13/58-06/03/69	10	344	
INDU0302	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/18/63	0	5	
INDU0328	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/01/65-01/16/73	7	225	
INDU0331	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/05/65-12/30/69	4	130	
INDU0169	No	00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	01/04/66-12/20/66	0	26	
INDU0179	No	00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	01/04/66-12/20/66	0	26	
INDU0184	No	00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	01/05/65-12/20/66	1	50	
INDU0208	No	00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	01/04/66-12/20/66	0	24	
INDU0331	No	00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	01/05/65-12/20/66	1	52	
INDU0140	Yes	00525	RESIDUE, FIXED FILTRABLE (MG/L)	04/28/87-04/28/87	0	1	
INDU0009	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	21	205	
INDU0028	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/03/75-02/03/75	0	1	
INDU0030	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	19	201	
INDU0044	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/06/72-04/25/73	0	13	
INDU0045	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/06/72-04/25/73	0	13	
INDU0068	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/02/62-09/02/62	0	1	
INDU0086	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/31/62-10/20/62	0	2	
INDU0112	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/11/77-02/11/77	0	1	
INDU0123	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/10/77-02/10/77	0	1	
INDU0126	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/10/77-02/10/77	0	1	
INDU0130	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/11/77-02/11/77	0	1	
INDU0138	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/09/72-04/25/73	1	30	
INDU0139	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/07/72-04/25/73	0	22	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0140	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	21	264	
INDU0143	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/14/86-07/27/92	6	76	
INDU0144	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/02/72-05/31/73	0	261	
INDU0147	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/01/72-05/31/73	0	266	
INDU0148	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/01/72-05/31/73	0	252	
INDU0157	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/31/62-10/20/62	0	2	
INDU0169	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	22	296	T,A,S
INDU0179	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	22	291	T,S
INDU0184	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	17	282	
INDU0190	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/78-12/16/91	13	93	
INDU0191	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/81-09/19/89	8	4	
INDU0208	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	22	271	T,A,S
INDU0237	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/31/62-10/19/62	0	3	
INDU0243	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0244	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0261	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0262	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/08/72-03/31/73	1	55	
INDU0263	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0264	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/03/72-03/24/73	1	52	
INDU0265	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/03/72-02/21/73	1	48	
INDU0267	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0270	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/19/89-09/19/89	0	2	
INDU0271	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/78-12/16/91	13	95	
INDU0272	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/04/72-03/26/73	1	53	
INDU0274	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/72-03/24/73	1	51	
INDU0276	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/72-03/25/73	1	50	
INDU0277	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/08/72-03/29/73	1	53	
INDU0280	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/06/72-03/29/73	1	53	
INDU0281	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0283	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0284	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0286	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0288	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/72-03/28/73	1	57	
INDU0289	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/72-03/28/73	1	55	
INDU0290	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/72-12/10/73	1	113	
INDU0291	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/72-03/27/73	1	113	
INDU0296	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0298	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-06/23/64	5	139	
INDU0299	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0300	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0301	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0303	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/72-03/27/73	1	56	
INDU0304	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0306	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/72-03/24/73	1	56	
INDU0309	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/72-03/31/73	1	283	
INDU0315	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/07/72-03/30/73	0	41	
INDU0317	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/72-03/30/73	1	57	
INDU0318	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/72-03/30/73	1	112	
INDU0319	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/72-03/30/73	1	56	
INDU0320	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0321	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/86-07/27/92	6	77	
INDU0324	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0326	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/01/72-03/31/73	1	238	
INDU0328	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/60-01/16/73	13	227	
INDU0329	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0331	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	14	187	
INDU0332	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/84-10/03/84	0	1	
INDU0009	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-11/19/85	14	67	
INDU0030	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/18/73-11/10/76	3	49	
INDU0140	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-12/08/76	5	94	
INDU0169	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/84	17	146	
INDU0179	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	18	204	
INDU0184	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-09/26/84	17	164	
INDU0191	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/11/81-09/19/89	8	4	
INDU0208	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/67-11/09/76	9	134	
INDU0270	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/19/89-09/19/89	0	2	
INDU0331	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/09/76	9	163	
INDU0184	No	00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	06/27/79-06/27/79	0	1	
INDU0009	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/17/86-03/29/88	1	17	
INDU0030	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	07/15/86-03/29/88	1	11	
INDU0140	Yes	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/17/87-02/03/88	0	9	
INDU0143	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	08/19/86-01/05/88	1	3	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0144	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/02/72-05/31/73	0	261	
INDU0145	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/01/72-05/31/73	0	262	
INDU0147	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/01/72-05/31/73	0	266	
INDU0148	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/01/72-05/31/73	0	252	
INDU0161	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	10/22/63-12/07/63	0	4	
INDU0169	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	08/25/87-03/29/88	0	6	
INDU0173	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/02/72-05/31/73	1	475	
INDU0179	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	05/20/86-03/03/88	1	7	
INDU0184	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/27/79-06/27/79	0	1	
INDU0200	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	10/22/63-12/08/63	0	5	
INDU0204	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	10/22/63-12/08/63	0	5	
INDU0208	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/23/87-04/27/88	0	7	
INDU0219	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	10/22/63-12/08/63	0	5	
INDU0240	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	10/22/63-12/08/63	0	5	
INDU0262	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/08/72-03/31/73	1	55	
INDU0264	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/03/72-03/24/73	1	54	
INDU0265	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/03/72-02/21/73	1	48	
INDU0272	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/04/72-03/26/73	1	53	
INDU0273	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	10/22/63-12/08/63	0	5	
INDU0274	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/01/72-03/24/73	1	51	
INDU0276	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/06/72-03/25/73	1	50	
INDU0277	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/08/72-03/29/73	1	53	
INDU0280	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/06/72-03/29/73	1	53	
INDU0288	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/05/72-03/28/73	1	57	
INDU0289	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/05/72-03/28/73	1	55	
INDU0290	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/01/72-12/10/73	1	113	
INDU0291	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/01/72-03/27/73	1	113	
INDU0302	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	10/22/63-12/08/63	0	5	
INDU0303	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/04/72-03/27/73	1	56	
INDU0306	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/01/72-03/24/73	1	56	
INDU0309	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/01/72-03/31/73	1	283	
INDU0315	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	05/07/72-03/30/73	0	41	
INDU0318	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/04/72-03/30/73	1	112	
INDU0321	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	05/21/86-04/28/88	1	19	
INDU0326	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/01/72-03/31/73	1	238	
INDU0328	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/15/60-11/07/72	12	100	
INDU0031	No	00553	OIL & GREASE,SED,DRY WT,HXANE EXTR-GRAV METH,MG/KG	06/09/70-06/09/70	0	1	
INDU0039	No	00553	OIL & GREASE,SED,DRY WT,HXANE EXTR-GRAV METH,MG/KG	06/09/70-06/09/70	0	1	
INDU0043	No	00553	OIL & GREASE,SED,DRY WT,HXANE EXTR-GRAV METH,MG/KG	06/09/70-06/09/70	0	1	
INDU0046	No	00553	OIL & GREASE,SED,DRY WT,HXANE EXTR-GRAV METH,MG/KG	06/09/70-06/09/70	0	1	
INDU0047	No	00553	OIL & GREASE,SED,DRY WT,HXANE EXTR-GRAV METH,MG/KG	06/09/70-06/09/70	0	1	
INDU0009	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	19	149	
INDU0030	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/18/73-08/23/89	16	55	
INDU0140	Yes	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/17/85-05/25/88	2	2	
INDU0169	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-12/13/89	18	47	
INDU0179	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	10/21/82-11/15/89	7	47	
INDU0184	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	13	174	
INDU0208	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	02/20/74-12/13/89	15	45	
INDU0321	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/15/86-12/12/89	3	20	
INDU0331	No	00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	16	189	
INDU0007	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	0	2	
INDU0010	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	0	1	
INDU0021	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	0	1	
INDU0026	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	0	1	
INDU0029	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	0	1	
INDU0032	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	0	1	
INDU0033	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	0	1	
INDU0036	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	0	1	
INDU0037	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	0	1	
INDU0156	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/22/75-04/22/75	0	1	
INDU0158	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/22/75-04/22/75	0	1	
INDU0159	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/22/75-04/22/75	0	1	
INDU0162	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/22/75-04/22/75	0	1	
INDU0163	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/22/75-04/22/75	0	1	
INDU0166	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/22/75-04/22/75	0	1	
INDU0167	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/22/75-04/22/75	0	1	
INDU0168	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/22/75-04/22/75	0	1	
INDU0172	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	10/15/79-10/15/79	0	1	
INDU0176	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/23/81-09/23/81	0	3	
INDU0195	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/24/81-09/24/81	0	3	
INDU0206	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	10/13/79-10/13/79	0	3	
INDU0207	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/23/81-09/23/81	0	3	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0215	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	10/12/79-10/12/79	0	1	
INDU0220	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	10/10/79-10/10/79	0	3	
INDU0229	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	12/04/80-12/04/80	0	2	
INDU0266	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	10/16/79-10/16/79	0	3	
INDU0275	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	10/04/79-10/04/79	0	1	
INDU0282	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	10/08/79-10/08/79	0	1	
INDU0322	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	10/02/79-10/02/79	0	3	
INDU0323	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	12/04/80-12/04/80	0	2	
INDU0330	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	10/03/79-10/03/79	0	3	
INDU0333	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	12/04/80-12/04/80	0	1	
INDU0027	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/26/79-07/11/80	0	2	
INDU0055	Yes	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/26/79-07/11/80	0	2	
INDU0063	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/26/79-07/11/80	0	2	
INDU0072	Yes	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/24/79-07/11/80	0	2	
INDU0151	Yes	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/24/79-07/11/80	0	2	
INDU0164	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/24/79-07/11/80	0	2	
INDU0216	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/24/79-07/11/80	0	2	
INDU0230	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/23/79-07/09/80	0	2	
INDU0236	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/23/79-07/09/80	0	2	
INDU0027	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/26/79-07/11/80	0	2	
INDU0055	Yes	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/26/79-07/11/80	0	2	
INDU0063	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/26/79-07/11/80	0	2	
INDU0072	Yes	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/24/79-07/11/80	0	2	
INDU0151	Yes	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/24/79-07/11/80	0	2	
INDU0164	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/24/79-07/11/80	0	2	
INDU0216	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/24/79-07/11/80	0	2	
INDU0230	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/23/79-07/09/80	0	2	
INDU0236	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/23/79-07/09/80	0	2	
INDU0003	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	06/26/76-07/26/77	1	2	
INDU0004	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	02/04/75-06/26/76	1	3	
INDU0041	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/23/80-06/23/80	0	2	
INDU0052	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/23/80-06/23/80	0	1	
INDU0055	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/26/74-08/08/78	3	5	
INDU0062	No	00600	NITROGEN, TOTAL (MG/L AS N)	07/27/77-07/27/77	0	1	
INDU0063	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/26/74-08/08/78	3	4	
INDU0068	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/02/62-09/02/62	0	2	
INDU0069	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/23/80-06/23/80	0	1	
INDU0083	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/23/80-06/23/80	0	2	
INDU0084	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/23/80-06/23/80	0	2	
INDU0086	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/31/62-08/31/62	0	2	
INDU0093	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	11/13/74-08/10/78	3	5	
INDU0094	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/27/74-08/08/78	3	4	
INDU0098	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/14/75-08/10/78	2	3	
INDU0103	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/28/74-08/10/78	3	4	
INDU0112	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/14/75-08/14/75	0	1	
INDU0122	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/23/76-06/23/76	0	1	
INDU0126	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/28/74-06/23/76	1	3	
INDU0141	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/23/80-06/23/80	0	2	
INDU0146	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/23/80-06/23/80	0	1	
INDU0149	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/23/80-06/23/80	0	2	
INDU0151	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	04/18/78-06/11/80	2	10	
INDU0157	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/31/62-08/31/62	0	1	
INDU0201	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/25/80-06/25/80	0	1	
INDU0202	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/25/80-06/25/80	0	2	
INDU0210	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/25/80-06/25/80	0	2	
INDU0214	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	08/17/75-08/17/75	0	1	
INDU0237	No	00600	NITROGEN, TOTAL (MG/L AS N)	08/31/62-10/19/62	0	4	
INDU0242	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/25/80-06/25/80	0	1	
INDU0294	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/25/80-06/25/80	0	2	
INDU0295	No	00600	NITROGEN, TOTAL (MG/L AS N)	06/25/80-06/25/80	0	2	
INDU0003	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/26/79-08/26/79	0	1	
INDU0027	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	0	2	
INDU0055	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	0	2	
INDU0063	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	0	2	
INDU0072	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/24/79-07/11/80	0	2	
INDU0094	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/24/79-07/11/80	0	2	
INDU0103	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/25/79-08/25/79	0	1	
INDU0105	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/25/79-07/12/80	0	2	
INDU0126	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/25/79-07/12/80	0	2	
INDU0151	Yes	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/24/79-07/11/80	0	9	
INDU0164	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/24/79-07/11/80	0	2	
INDU0216	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/24/79-07/11/80	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0230	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/23/79-07/09/80	0	2	
INDU0236	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	08/23/79-07/09/80	0	2	
INDU0001	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/13/75-08/13/75	0	1	
INDU0003	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/26/76-07/26/77	1	2	
INDU0004	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/04/75-06/26/76	1	3	
INDU0009	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/12/71-12/14/72	1	39	
INDU0030	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/18/73-05/06/76	3	40	
INDU0055	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/26/74-08/08/78	3	5	
INDU0062	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/27/77-07/27/77	0	1	
INDU0063	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/26/74-08/08/78	3	4	
INDU0068	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/02/62-09/02/62	0	2	
INDU0081	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/29/76-07/29/76	0	1	
INDU0086	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/31/62-08/31/62	0	2	
INDU0093	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/13/74-08/10/78	3	5	
INDU0094	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/27/74-08/08/78	3	4	
INDU0098	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/14/75-08/10/78	2	3	
INDU0103	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/28/74-08/10/78	3	4	
INDU0112	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/14/75-08/14/75	0	1	
INDU0122	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/23/76-06/23/76	0	1	
INDU0126	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/28/74-06/23/76	1	3	
INDU0140	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/06/76-10/06/76	0	1	
INDU0151	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/18/78-06/11/80	2	10	
INDU0157	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/31/62-08/31/62	0	1	
INDU0184	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/13/71-12/17/75	4	82	
INDU0190	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/11/78-09/27/88	10	74	
INDU0208	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/20/74-12/17/75	1	23	
INDU0214	Yes	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/17/75-08/17/75	0	1	
INDU0237	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/31/62-10/19/62	0	4	
INDU0271	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/11/78-09/27/88	10	76	
INDU0328	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/24/65-01/27/71	5	158	
INDU0331	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/14/69-12/17/75	6	67	
INDU0003	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/19/78-08/26/79	0	2	
INDU0027	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/15/78-07/11/80	1	3	
INDU0055	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	0	2	
INDU0063	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	0	2	
INDU0065	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/30/78-11/30/78	0	1	
INDU0066	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/30/78-11/30/78	0	1	
INDU0072	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	1	3	
INDU0094	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	1	3	
INDU0103	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/18/78-08/25/79	0	2	
INDU0105	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/18/78-07/12/80	1	3	
INDU0126	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/18/78-07/12/80	1	3	
INDU0151	Yes	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	1	10	
INDU0164	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	1	3	
INDU0216	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/18/78-07/11/80	1	3	
INDU0230	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/16/78-07/09/80	1	3	
INDU0236	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/16/78-07/09/80	1	3	
INDU0003	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/19/78-08/26/79	0	2	
INDU0027	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/15/78-07/11/80	1	3	
INDU0055	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	0	2	
INDU0063	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	0	2	
INDU0065	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/30/78-11/30/78	0	1	
INDU0066	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/30/78-11/30/78	0	1	
INDU0072	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	1	3	
INDU0094	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	1	3	
INDU0103	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/18/78-08/25/79	0	2	
INDU0105	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/18/78-07/12/80	1	3	
INDU0126	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/18/78-07/12/80	1	3	
INDU0151	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	1	10	
INDU0164	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	1	3	
INDU0216	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/18/78-07/11/80	1	3	
INDU0230	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/16/78-07/09/80	1	3	
INDU0236	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/16/78-07/09/80	1	3	
INDU0001	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/75-08/13/75	0	1	
INDU0003	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/26/76-07/26/77	1	2	
INDU0004	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/04/75-06/26/76	1	3	
INDU0009	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	21	205	
INDU0028	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/75-02/03/75	0	1	
INDU0030	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	19	201	
INDU0040	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/08/80-09/23/81	1	19	
INDU0041	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/80-10/15/80	0	8	
INDU0050	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/08/80-04/08/80	0	3	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0052	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/80-07/20/81	1	6	
INDU0053	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/08/80-09/23/81	1	16	
INDU0055	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/74-08/08/78	3	5	
INDU0057	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/77-09/24/77	0	6	
INDU0061	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/18/81-09/23/81	0	8	
INDU0062	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/27/77-07/27/77	0	1	
INDU0063	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/74-08/08/78	3	4	
INDU0064	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/77-09/24/77	0	8	
INDU0067	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/28/63-05/28/63	0	1	
INDU0068	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/02/62-05/28/63	0	4	
INDU0069	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/80-09/23/81	1	8	
INDU0070	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/80-10/15/80	0	2	
INDU0073	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/23/81-09/23/81	0	2	
INDU0078	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/21/80-07/21/80	0	3	
INDU0079	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/21/80-09/23/81	1	4	
INDU0080	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/77-09/24/77	0	7	
INDU0081	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/29/76-07/29/76	0	1	
INDU0082	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/77-09/24/77	0	7	
INDU0083	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/80-06/23/80	0	2	
INDU0084	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/80-09/17/80	0	6	
INDU0086	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/31/62-10/20/62	0	3	
INDU0087	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/63-05/27/63	0	1	
INDU0089	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/17/80-09/17/80	0	2	
INDU0093	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/74-08/10/78	3	5	
INDU0094	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/27/74-07/27/77	2	3	
INDU0098	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/14/75-08/10/78	2	3	
INDU0103	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/28/74-08/10/78	3	4	
INDU0110	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/23/81-09/23/81	0	2	
INDU0112	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/14/75-08/14/75	0	1	
INDU0122	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/76-06/23/76	0	1	
INDU0126	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/28/74-06/23/76	1	3	
INDU0140	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	19	225	
INDU0141	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/80-06/23/80	0	2	
INDU0142	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-09/09/63	0	5	
INDU0143	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/86-07/27/92	6	76	
INDU0144	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/02/72-05/31/73	0	261	
INDU0145	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/01/72-05/31/73	0	262	
INDU0146	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-10/20/81	1	13	
INDU0147	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/01/72-05/31/73	0	266	
INDU0148	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/01/72-05/31/73	0	252	
INDU0149	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/19/80-10/20/81	1	21	
INDU0150	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-09/09/63	0	5	
INDU0151	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/18/78-06/11/80	2	10	
INDU0153	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-09/09/63	0	10	
INDU0155	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/18/80-06/25/81	0	7	
INDU0157	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/31/62-05/27/63	0	4	
INDU0161	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-12/08/63	0	14	
INDU0165	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-04/09/80	0	2	
INDU0169	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	23	295	T,A,S
INDU0179	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	23	291	T,S
INDU0184	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	13	178	
INDU0190	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/78-12/16/91	13	93	
INDU0191	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/81-09/19/89	8	4	
INDU0193	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/77-09/24/77	0	8	
INDU0196	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-09/19/63	0	7	
INDU0199	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/77-09/24/77	0	8	
INDU0200	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-12/08/63	0	19	
INDU0201	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-07/22/81	1	11	
INDU0202	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/25/80-09/16/80	0	4	
INDU0203	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/80-10/20/81	1	6	
INDU0204	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-12/08/63	0	15	
INDU0208	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	23	268	T,A,S
INDU0210	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/25/80-06/25/80	0	2	
INDU0211	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-07/22/81	1	14	
INDU0212	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/21/80-06/02/81	0	6	
INDU0213	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-09/19/63	0	5	
INDU0214	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/17/75-08/17/75	0	1	
INDU0217	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/81-10/20/81	0	3	
INDU0218	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/80-07/22/81	1	13	
INDU0219	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-12/08/63	0	13	
INDU0222	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/80-05/20/80	0	2	
INDU0223	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/02/81-06/02/81	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0226	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/80-06/25/81	1	4	
INDU0227	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/80-06/02/81	0	6	
INDU0232	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-09/18/63	0	5	
INDU0233	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/76-08/10/76	0	1	
INDU0234	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/22/80-07/22/81	1	7	
INDU0235	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-10/20/81	1	14	
INDU0237	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/31/62-05/27/63	0	6	
INDU0240	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-12/08/63	0	14	
INDU0241	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/80-10/20/81	1	9	
INDU0242	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/25/80-07/22/81	1	10	
INDU0243	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0244	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0245	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-09/18/63	0	6	
INDU0251	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-09/18/63	0	5	
INDU0261	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0263	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0267	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0268	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-07/22/81	1	8	
INDU0270	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/19/89-09/19/89	0	2	
INDU0271	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/78-12/16/91	13	95	
INDU0273	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-12/08/63	0	14	
INDU0278	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-09/18/63	0	6	
INDU0279	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/77-09/24/77	0	8	
INDU0281	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0283	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0284	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0285	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-09/18/63	0	7	
INDU0286	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0292	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-09/18/63	0	5	
INDU0294	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-10/20/81	1	24	
INDU0295	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-06/24/81	1	7	
INDU0296	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0297	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/80-10/20/81	1	5	
INDU0298	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/14/61-12/14/65	4	215	
INDU0299	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0300	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0301	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0302	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-12/08/63	0	14	
INDU0304	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0311	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/22/80-08/26/80	0	4	
INDU0318	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/04/72-03/30/73	1	112	
INDU0320	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0321	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/86-07/27/92	6	77	
INDU0324	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0328	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/65-01/16/73	7	187	
INDU0329	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0331	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	16	207	
INDU0332	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0007	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	0	2	
INDU0010	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	0	1	
INDU0021	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	0	1	
INDU0026	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	0	1	
INDU0029	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	0	1	
INDU0031	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	06/09/70-06/09/70	0	1	
INDU0032	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	0	1	
INDU0033	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	0	1	
INDU0036	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	0	1	
INDU0037	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	0	1	
INDU0039	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	06/09/70-06/09/70	0	1	
INDU0156	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/22/75-04/22/75	0	1	
INDU0158	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/22/75-04/22/75	0	1	
INDU0159	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/22/75-04/22/75	0	1	
INDU0162	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/22/75-04/22/75	0	1	
INDU0163	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/22/75-04/22/75	0	1	
INDU0166	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/22/75-04/22/75	0	2	
INDU0167	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/22/75-04/22/75	0	1	
INDU0168	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/22/75-04/22/75	0	1	
INDU0171	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	07/08/81-07/08/81	0	1	
INDU0174	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	07/08/81-07/08/81	0	1	
INDU0176	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/23/81-09/23/81	0	3	
INDU0178	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	07/08/81-07/08/81	0	1	
INDU0182	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	07/08/81-07/08/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0185	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	07/08/81-07/08/81	0	1	
INDU0186	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	07/08/81-07/08/81	0	1	
INDU0189	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	07/08/81-07/08/81	0	1	
INDU0195	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/24/81-09/24/81	0	3	
INDU0207	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/23/81-09/23/81	0	3	
INDU0229	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	12/04/80-12/04/80	0	2	
INDU0323	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	12/04/80-12/04/80	0	2	
INDU0333	No	00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	12/04/80-12/04/80	0	1	
INDU0094	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/01/73-10/01/73	0	1	
INDU0003	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/26/76-07/26/77	1	2	
INDU0004	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/03/73-06/26/76	2	4	
INDU0028	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/03/75-02/03/75	0	1	
INDU0055	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/02/73-08/08/78	5	6	
INDU0062	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/27/77-07/27/77	0	1	
INDU0063	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/02/73-08/08/78	5	5	
INDU0093	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/13/74-08/10/78	3	5	
INDU0094	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/02/73-07/27/77	3	4	
INDU0098	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/14/75-08/10/78	2	3	
INDU0103	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/02/73-08/10/78	5	5	
INDU0112	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/14/75-08/14/75	0	1	
INDU0122	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/23/76-06/23/76	0	1	
INDU0126	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/01/73-06/23/76	2	4	
INDU0214	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/31/73-08/17/75	2	2	
INDU0243	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0244	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0261	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0263	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0267	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0281	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0283	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0284	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0286	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0296	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0299	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0300	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0301	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0304	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0320	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0324	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0329	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0332	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0009	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/12/70-12/07/70	0	22	
INDU0184	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/09/70-09/09/70	0	1	
INDU0003	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/26/76-07/26/77	1	2	
INDU0004	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/03/73-06/26/76	2	4	
INDU0009	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/12/71-12/14/71	0	20	
INDU0055	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/02/73-08/08/78	5	6	
INDU0062	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/77-07/27/77	0	1	
INDU0063	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/02/73-08/08/78	5	5	
INDU0067	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/63-05/28/63	0	1	
INDU0068	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/02/62-05/28/63	0	4	
INDU0086	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/31/62-10/20/62	0	4	
INDU0093	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/13/74-08/10/78	3	5	
INDU0094	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/02/73-07/27/77	3	4	
INDU0098	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/14/75-08/10/78	2	3	
INDU0103	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/02/73-08/10/78	5	5	
INDU0112	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/14/75-08/14/75	0	1	
INDU0122	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/23/76-06/23/76	0	1	
INDU0126	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/01/73-06/23/76	2	4	
INDU0140	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/26/71-12/15/71	0	19	
INDU0142	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-09/09/63	0	5	
INDU0150	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-09/09/63	0	5	
INDU0153	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-09/09/63	0	9	
INDU0157	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/31/62-10/20/62	0	2	
INDU0161	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-11/24/63	0	7	
INDU0169	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	5	145	
INDU0179	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	5	144	
INDU0184	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	6	170	
INDU0196	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-09/19/63	0	7	
INDU0200	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-11/24/63	0	13	
INDU0204	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-11/24/63	0	7	
INDU0208	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	5	131	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0213	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-09/19/63	0	6	
INDU0214	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/31/73-08/17/75	2	2	
INDU0219	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-11/24/63	0	7	
INDU0232	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-09/18/63	0	5	
INDU0237	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/31/62-05/27/63	0	5	
INDU0240	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-11/24/63	0	7	
INDU0245	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-09/18/63	0	6	
INDU0251	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-09/18/63	0	4	
INDU0273	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-11/24/63	0	7	
INDU0278	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-09/18/63	0	6	
INDU0285	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-09/18/63	0	8	
INDU0292	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-09/18/63	0	5	
INDU0302	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-11/24/63	0	7	
INDU0328	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/24/65-09/09/71	6	169	
INDU0331	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	6	172	
INDU0031	No	00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	0	1	
INDU0039	No	00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	0	1	
INDU0043	No	00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	0	1	
INDU0046	No	00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	0	1	
INDU0047	No	00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	0	1	
INDU0003	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/19/78-08/26/79	0	2	
INDU0027	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/15/78-07/11/80	1	3	
INDU0055	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	0	2	
INDU0063	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	0	2	
INDU0065	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/30/78-11/30/78	0	1	
INDU0066	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/30/78-11/30/78	0	1	
INDU0072	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	1	3	
INDU0094	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	1	3	
INDU0103	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/18/78-08/25/79	0	2	
INDU0105	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/18/78-07/12/80	1	3	
INDU0126	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/18/78-07/12/80	1	3	
INDU0151	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	1	10	
INDU0164	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	1	3	
INDU0216	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/18/78-07/11/80	1	3	
INDU0230	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/16/78-07/09/80	1	3	
INDU0236	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/16/78-07/09/80	1	3	
INDU0328	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	04/24/70-12/16/70	0	3	
INDU0151	Yes	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	11/15/79-06/11/80	0	6	
INDU0003	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/76-07/26/77	1	2	
INDU0004	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/75-06/26/76	1	3	
INDU0009	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-07/23/91	14	65	
INDU0028	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/75-02/03/75	0	1	
INDU0030	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	16	134	
INDU0040	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/80-09/23/81	1	19	
INDU0041	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/80-10/15/80	0	8	
INDU0050	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/80-04/08/80	0	3	
INDU0052	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/80-07/20/81	1	6	
INDU0053	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/80-09/23/81	1	16	
INDU0055	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/74-08/08/78	3	5	
INDU0057	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/77-09/24/77	0	6	
INDU0061	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/18/81-09/23/81	0	8	
INDU0062	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/27/77-07/27/77	0	1	
INDU0063	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/74-08/08/78	3	4	
INDU0064	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/77-09/24/77	0	8	
INDU0069	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/80-09/23/81	1	8	
INDU0070	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/80-10/15/80	0	2	
INDU0073	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/23/81-09/23/81	0	2	
INDU0078	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/21/80-07/21/80	0	3	
INDU0079	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/21/80-09/23/81	1	4	
INDU0080	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/77-09/24/77	0	7	
INDU0082	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/77-09/24/77	0	8	
INDU0083	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/80-06/23/80	0	2	
INDU0084	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/80-09/17/80	0	6	
INDU0089	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/80-09/17/80	0	2	
INDU0093	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/74-08/10/78	3	5	
INDU0094	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/27/74-08/08/78	3	4	
INDU0098	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/75-08/10/78	2	3	
INDU0103	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/74-08/10/78	3	4	
INDU0110	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/23/81-09/23/81	0	2	
INDU0112	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/75-08/14/75	0	1	
INDU0122	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/76-06/23/76	0	1	
INDU0126	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/74-06/23/76	1	3	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0140	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-12/17/85	5	64	
INDU0141	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/80-06/23/80	0	2	
INDU0146	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-10/20/81	1	13	
INDU0149	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/19/80-10/20/81	1	21	
INDU0151	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/18/78-06/11/80	2	10	
INDU0155	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/18/80-06/25/81	0	7	
INDU0165	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-04/09/80	0	2	
INDU0169	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-06/24/92	15	109	
INDU0179	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	12	144	
INDU0184	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-11/20/84	8	65	
INDU0190	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/19/89-12/16/91	2	19	
INDU0191	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/81-09/19/89	8	4	
INDU0193	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/77-09/24/77	0	8	
INDU0199	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/77-09/24/77	0	8	
INDU0201	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-07/22/81	1	11	
INDU0202	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/25/80-09/16/80	0	4	
INDU0203	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/80-10/20/81	1	6	
INDU0208	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	16	108	
INDU0210	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/25/80-06/25/80	0	2	
INDU0211	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-07/22/81	1	14	
INDU0212	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/21/80-06/02/81	0	6	
INDU0214	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/17/75-08/17/75	0	1	
INDU0217	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/20/81-10/20/81	0	3	
INDU0218	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/80-07/22/81	1	13	
INDU0222	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/80-05/20/80	0	2	
INDU0223	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/02/81-06/02/81	0	2	
INDU0226	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/80-06/25/81	1	4	
INDU0227	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/80-06/02/81	0	6	
INDU0234	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/22/80-07/22/81	1	7	
INDU0235	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-10/20/81	1	14	
INDU0241	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/80-10/20/81	1	9	
INDU0242	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/25/80-07/22/81	1	10	
INDU0243	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0244	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0261	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0263	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0267	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0268	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-07/22/81	1	8	
INDU0270	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/19/89-09/19/89	0	2	
INDU0271	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/19/89-12/16/91	2	19	
INDU0279	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/77-09/24/77	0	8	
INDU0281	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0283	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0284	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0286	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0294	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-10/20/81	1	24	
INDU0295	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-06/24/81	1	7	
INDU0296	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0297	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/80-10/20/81	1	5	
INDU0299	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0300	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0301	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0304	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0311	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/22/80-08/26/80	0	4	
INDU0320	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0321	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/91-04/17/91	0	1	
INDU0324	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0329	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0331	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-12/18/85	9	75	
INDU0332	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0031	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	0	1	
INDU0039	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	0	1	
INDU0043	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	0	1	
INDU0047	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	0	1	
INDU0171	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	07/08/81-07/08/81	0	1	
INDU0174	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	07/08/81-07/08/81	0	1	
INDU0176	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	09/23/81-09/23/81	0	3	
INDU0178	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	07/08/81-07/08/81	0	1	
INDU0182	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	07/08/81-07/08/81	0	1	
INDU0185	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	07/08/81-07/08/81	0	1	
INDU0186	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	07/08/81-07/08/81	0	1	
INDU0189	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	07/08/81-07/08/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0195	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	09/24/81-09/24/81	0	3	
INDU0207	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	09/23/81-09/23/81	0	3	
INDU0007	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	0	2	
INDU0010	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	0	1	
INDU0021	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	0	1	
INDU0026	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	0	1	
INDU0029	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	0	1	
INDU0032	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	0	1	
INDU0033	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	0	1	
INDU0036	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	0	1	
INDU0037	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	0	1	
INDU0156	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/22/75-04/22/75	0	1	
INDU0158	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/22/75-04/22/75	0	1	
INDU0159	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/22/75-04/22/75	0	1	
INDU0162	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/22/75-04/22/75	0	1	
INDU0163	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/22/75-04/22/75	0	1	
INDU0166	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/22/75-04/22/75	0	2	
INDU0167	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/22/75-04/22/75	0	1	
INDU0168	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/22/75-04/22/75	0	1	
INDU0172	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	10/15/79-10/15/79	0	1	
INDU0194	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	08/28/79-09/03/80	1	3	
INDU0206	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	10/13/79-10/13/79	0	3	
INDU0215	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	10/12/79-10/12/79	0	1	
INDU0220	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	10/10/79-10/10/79	0	3	
INDU0229	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	12/04/80-12/04/80	0	2	
INDU0266	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	10/16/79-10/16/79	0	3	
INDU0275	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	10/04/79-10/04/79	0	1	
INDU0282	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	10/08/79-10/08/79	0	1	
INDU0322	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	10/02/79-10/02/79	0	3	
INDU0323	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	12/04/80-12/04/80	0	2	
INDU0330	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	10/03/79-10/03/79	0	3	
INDU0333	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	12/04/80-12/04/80	0	1	
INDU0003	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/26/76-07/26/77	1	2	
INDU0004	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/03/73-06/26/76	2	4	
INDU0009	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	20	187	
INDU0028	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/75-02/03/75	0	1	
INDU0030	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	19	201	
INDU0040	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/08/80-09/23/81	1	19	
INDU0041	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/80-10/15/80	0	8	
INDU0050	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/08/80-04/08/80	0	3	
INDU0052	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/20/80-07/20/81	1	6	
INDU0053	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/08/80-09/23/81	1	16	
INDU0055	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/73-08/08/78	5	6	
INDU0057	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/77-09/24/77	0	6	
INDU0061	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/18/81-09/23/81	0	8	
INDU0062	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/27/77-07/27/77	0	1	
INDU0063	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/73-08/08/78	5	5	
INDU0064	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/77-09/24/77	0	8	
INDU0069	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/20/80-09/23/81	1	8	
INDU0070	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/80-10/15/80	0	2	
INDU0073	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-09/23/81	0	2	
INDU0078	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/21/80-07/21/80	0	3	
INDU0079	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/21/80-09/23/81	1	4	
INDU0080	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/77-09/24/77	0	7	
INDU0082	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/77-09/24/77	0	7	
INDU0083	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/80-06/23/80	0	2	
INDU0084	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/20/80-09/17/80	0	6	
INDU0089	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/17/80-09/17/80	0	2	
INDU0093	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/74-08/10/78	3	5	
INDU0094	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/73-08/08/78	5	6	
INDU0098	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/73-08/10/78	5	4	
INDU0103	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/73-08/10/78	5	5	
INDU0110	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-09/23/81	0	2	
INDU0112	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/14/75-08/14/75	0	1	
INDU0122	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/76-06/23/76	0	1	
INDU0126	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/01/73-06/23/76	2	4	
INDU0140	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	20	244	
INDU0141	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/80-06/23/80	0	2	
INDU0143	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/86-07/27/92	6	76	
INDU0146	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-10/20/81	1	13	
INDU0149	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/19/80-10/20/81	1	21	
INDU0151	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/18/78-06/11/80	2	11	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0155	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/18/80-06/25/81	0	7	
INDU0165	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-04/09/80	0	2	
INDU0169	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	20	253	
INDU0179	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	20	248	
INDU0184	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	12	161	
INDU0190	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/11/78-12/16/91	13	92	
INDU0191	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/11/81-09/19/89	8	4	
INDU0193	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/77-09/24/77	0	8	
INDU0199	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/77-09/24/77	0	8	
INDU0201	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-07/22/81	1	11	
INDU0202	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/25/80-09/16/80	0	4	
INDU0203	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/20/80-10/20/81	1	6	
INDU0208	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	20	230	
INDU0210	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/25/80-06/25/80	0	2	
INDU0211	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-07/22/81	1	14	
INDU0212	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/21/80-06/02/81	0	6	
INDU0214	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/73-08/17/75	2	2	
INDU0217	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/20/81-10/20/81	0	3	
INDU0218	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/20/80-07/22/81	1	13	
INDU0222	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/20/80-05/20/80	0	2	
INDU0223	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/02/81-06/02/81	0	2	
INDU0226	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/20/80-06/25/81	1	4	
INDU0227	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/16/80-06/02/81	0	6	
INDU0233	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/10/76-08/10/76	0	1	
INDU0234	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/22/80-07/22/81	1	7	
INDU0235	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-10/20/81	1	14	
INDU0241	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/20/80-10/20/81	1	9	
INDU0242	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/25/80-07/22/81	1	10	
INDU0268	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-07/22/81	1	8	
INDU0270	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/19/89-09/19/89	0	2	
INDU0271	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/11/78-12/16/91	13	94	
INDU0279	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/77-09/24/77	0	8	
INDU0294	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-10/20/81	1	24	
INDU0295	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-06/24/81	1	7	
INDU0297	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/16/80-10/20/81	1	5	
INDU0298	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/08/64-08/06/68	3	31	
INDU0311	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/22/80-08/26/80	0	4	
INDU0321	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/86-07/27/92	6	78	
INDU0331	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	13	167	
INDU0003	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/19/78-08/26/79	0	2	
INDU0027	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/15/78-07/11/80	1	3	
INDU0055	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/79-07/11/80	0	2	
INDU0063	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/79-07/11/80	0	2	
INDU0065	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/30/78-11/30/78	0	1	
INDU0066	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/30/78-11/30/78	0	1	
INDU0072	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/17/78-07/11/80	1	3	
INDU0094	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/17/78-07/11/80	1	3	
INDU0103	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/18/78-08/25/79	0	2	
INDU0105	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/18/78-07/12/80	1	3	
INDU0116	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/15/77-04/15/77	0	1	
INDU0126	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/18/78-07/12/80	1	3	
INDU0151	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/17/78-07/11/80	1	10	
INDU0164	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/17/78-07/11/80	1	3	
INDU0216	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/18/78-07/11/80	1	3	
INDU0230	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/16/78-07/09/80	1	3	
INDU0236	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/16/78-07/09/80	1	3	
INDU0243	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0244	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0261	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0263	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0267	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0281	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0283	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0284	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0286	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0296	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0299	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0300	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0301	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0304	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0320	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0324	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0329	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0332	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/84-10/03/84	0	1	
INDU0171	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	07/08/81-07/08/81	0	1	
INDU0174	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	07/08/81-07/08/81	0	1	
INDU0176	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	09/23/81-09/23/81	0	3	
INDU0178	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	07/08/81-07/08/81	0	1	
INDU0182	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	07/08/81-07/08/81	0	1	
INDU0185	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	07/08/81-07/08/81	0	1	
INDU0186	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	07/08/81-07/08/81	0	1	
INDU0189	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	07/08/81-07/08/81	0	1	
INDU0195	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	09/24/81-09/24/81	0	3	
INDU0207	No	00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	09/23/81-09/23/81	0	3	
INDU0298	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/08/64-08/06/68	3	29	
INDU0151	Yes	00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	07/11/80-07/11/80	0	1	
INDU0230	No	00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	07/09/80-07/09/80	0	1	
INDU0236	No	00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	07/09/80-07/09/80	0	1	
INDU0298	No	00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	01/05/65-09/06/66	1	10	
INDU0009	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/12/70-12/14/72	2	42	
INDU0067	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/28/63-05/28/63	0	1	
INDU0068	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/02/62-05/28/63	0	4	
INDU0086	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/31/62-08/31/62	0	2	
INDU0087	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/27/63-05/27/63	0	1	
INDU0140	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/15/72-12/14/72	0	19	
INDU0142	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/63-09/09/63	0	5	
INDU0150	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/63-09/09/63	0	5	
INDU0153	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/63-09/09/63	0	9	
INDU0157	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/31/62-05/27/63	0	4	
INDU0161	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/63-09/09/63	0	5	
INDU0169	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	6	146	
INDU0179	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/13/72	6	142	
INDU0184	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/13/72	7	169	
INDU0190	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/78-12/16/91	13	93	
INDU0196	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/63-09/19/63	0	7	
INDU0200	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/63-09/19/63	0	11	
INDU0204	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/63-09/19/63	0	6	
INDU0208	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	6	131	
INDU0213	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/63-09/19/63	0	5	
INDU0219	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/28/63-09/19/63	0	2	
INDU0232	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/22/63-09/18/63	0	4	
INDU0237	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/31/62-10/19/62	0	3	
INDU0240	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/22/63-09/18/63	0	5	
INDU0245	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/27/63-09/18/63	0	5	
INDU0251	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/27/63-09/18/63	0	4	
INDU0271	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/78-12/16/91	13	95	
INDU0273	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/22/63-09/11/63	0	5	
INDU0278	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/22/63-09/18/63	0	5	
INDU0285	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/22/63-09/18/63	0	8	
INDU0292	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/22/63-09/18/63	0	5	
INDU0302	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/22/63-09/18/63	0	4	
INDU0328	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/24/65-09/20/67	2	119	
INDU0331	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/14/72	7	169	
INDU0190	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	04/11/78-12/16/91	13	93	
INDU0271	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	04/11/78-12/16/91	13	95	
INDU0298	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/28/61-06/03/69	8	300	
INDU0328	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/24/65-09/20/67	2	119	
INDU0003	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/19/78-08/26/79	0	2	
INDU0027	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/15/78-07/11/80	1	3	
INDU0055	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/26/79-07/11/80	0	2	
INDU0063	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/26/79-07/11/80	0	2	
INDU0065	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/30/78-11/30/78	0	1	
INDU0066	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/30/78-11/30/78	0	1	
INDU0072	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/17/78-07/11/80	1	3	
INDU0090	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/15/77-08/30/77	0	3	
INDU0091	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/15/77-08/30/77	0	3	
INDU0093	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/30/77-05/09/78	0	4	
INDU0094	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/17/78-07/11/80	1	3	
INDU0096	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/15/77-05/09/78	1	5	
INDU0097	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/15/77-05/09/78	1	5	
INDU0098	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/01/77-09/01/77	0	2	
INDU0099	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/01/77-07/01/77	0	1	
INDU0100	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/01/77-04/06/78	0	2	
INDU0101	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/13/77-05/10/78	1	5	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0102	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/13/77-05/10/78	1	7	
INDU0103	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/18/78-08/25/79	0	2	
INDU0105	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/13/77-07/12/80	3	9	
INDU0106	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/01/77-04/06/78	0	2	
INDU0107	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/31/77-08/31/77	0	1	
INDU0109	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/31/77-08/31/77	0	1	
INDU0111	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/01/77-04/06/78	0	2	
INDU0112	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/13/77-04/05/78	0	4	
INDU0113	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/12/77-08/30/77	0	3	
INDU0114	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/28/77-05/09/78	0	4	
INDU0115	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/15/77-05/09/78	1	6	
INDU0116	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/15/77-05/09/78	1	6	
INDU0117	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/29/77-04/06/78	0	2	
INDU0118	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/29/77-04/05/78	0	3	
INDU0119	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/29/77-04/06/78	0	2	
INDU0120	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/29/77-06/29/77	0	1	
INDU0121	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/31/77-08/31/77	0	1	
INDU0122	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/28/77-05/09/78	0	4	
INDU0123	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/12/77-05/09/78	1	6	
INDU0125	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/12/77-07/12/80	3	9	
INDU0127	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/12/77-05/10/78	1	6	
INDU0129	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/28/77-05/10/78	0	5	
INDU0130	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/12/77-05/09/78	1	5	
INDU0131	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/14/77-08/30/77	0	3	
INDU0133	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/29/77-04/06/78	0	2	
INDU0134	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/28/77-05/09/78	0	5	
INDU0135	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/28/77-05/10/78	0	4	
INDU0136	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/14/77-08/30/77	0	3	
INDU0151	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/17/78-07/11/80	1	3	
INDU0164	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/17/78-07/11/80	1	3	
INDU0216	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/18/78-07/11/80	1	3	
INDU0230	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/16/78-07/09/80	1	3	
INDU0236	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/16/78-07/09/80	1	3	
INDU0003	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/26/76-07/26/77	1	2	
INDU0004	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/73-06/26/76	2	4	
INDU0009	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	21	184	
INDU0028	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/75-02/03/75	0	1	
INDU0030	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	19	202	
INDU0040	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/80-09/23/81	1	19	
INDU0041	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/80-10/15/80	0	8	
INDU0050	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/80-04/08/80	0	3	
INDU0052	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/80-07/20/81	1	6	
INDU0053	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/80-09/23/81	1	16	
INDU0055	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/73-08/08/78	5	6	
INDU0057	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/77-09/24/77	0	6	
INDU0061	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/18/81-09/23/81	0	8	
INDU0062	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/27/77-07/27/77	0	1	
INDU0063	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/73-08/08/78	5	5	
INDU0064	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/77-09/24/77	0	8	
INDU0069	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/80-09/23/81	1	8	
INDU0070	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/80-10/15/80	0	2	
INDU0073	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/23/81-09/23/81	0	2	
INDU0078	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/21/80-07/21/80	0	3	
INDU0079	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/21/80-09/23/81	1	4	
INDU0080	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/77-09/24/77	0	7	
INDU0082	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/77-09/24/77	0	8	
INDU0083	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/80-06/23/80	0	2	
INDU0084	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/80-09/17/80	0	6	
INDU0089	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/80-09/17/80	0	2	
INDU0093	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/74-08/10/78	3	5	
INDU0094	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/73-08/08/78	5	6	
INDU0098	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/73-08/10/78	5	4	
INDU0103	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/73-08/10/78	5	5	
INDU0110	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/23/81-09/23/81	0	2	
INDU0112	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/14/75-08/14/75	0	1	
INDU0122	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/28/74-06/23/76	1	2	
INDU0126	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/73-06/23/76	2	4	
INDU0140	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	21	242	
INDU0141	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/80-06/23/80	0	2	
INDU0143	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/86-07/27/92	6	76	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0146	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-10/20/81	1	13	
INDU0149	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/19/80-10/20/81	1	21	
INDU0151	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/18/78-06/11/80	2	11	
INDU0155	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/18/80-06/25/81	0	7	
INDU0165	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-04/09/80	0	2	
INDU0169	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	21	253	
INDU0179	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	21	245	
INDU0184	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	13	158	
INDU0191	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/11/81-09/19/89	8	4	
INDU0193	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/77-09/24/77	0	8	
INDU0199	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/77-09/24/77	0	8	
INDU0201	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-07/22/81	1	11	
INDU0202	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/25/80-09/16/80	0	4	
INDU0203	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/80-10/20/81	1	6	
INDU0208	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	21	229	
INDU0210	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/25/80-06/25/80	0	2	
INDU0211	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-07/22/81	1	14	
INDU0212	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/21/80-06/02/81	0	6	
INDU0214	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/73-08/17/75	2	2	
INDU0217	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/81-10/20/81	0	3	
INDU0218	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/80-07/22/81	1	13	
INDU0222	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/80-05/20/80	0	2	
INDU0223	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/02/81-06/02/81	0	2	
INDU0226	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/80-06/25/81	1	4	
INDU0227	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/80-06/02/81	0	6	
INDU0230	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	0	1	
INDU0234	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/22/80-07/22/81	1	7	
INDU0235	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-10/20/81	1	14	
INDU0236	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	0	1	
INDU0241	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/80-10/20/81	1	9	
INDU0242	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/25/80-07/22/81	1	10	
INDU0243	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0244	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0261	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0263	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0267	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0268	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-07/22/81	1	8	
INDU0270	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/19/89-09/19/89	0	2	
INDU0279	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/77-09/24/77	0	8	
INDU0281	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0283	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0284	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0286	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0294	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-10/20/81	1	24	
INDU0295	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-06/24/81	1	7	
INDU0296	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0297	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/80-10/20/81	1	5	
INDU0298	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/08/64-08/06/68	3	28	
INDU0299	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0300	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0301	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0304	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0311	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/22/80-08/26/80	0	4	
INDU0320	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0321	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/86-07/27/92	6	78	
INDU0324	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0328	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/26/67-09/09/71	3	106	
INDU0329	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0331	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	14	164	
INDU0332	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/84-10/03/84	0	1	
INDU0003	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/19/78-08/26/79	0	2	
INDU0027	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/15/78-07/11/80	1	3	
INDU0055	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/79-07/11/80	0	2	
INDU0057	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/11/77-09/24/77	0	6	
INDU0063	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/79-07/11/80	0	2	
INDU0064	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/11/77-09/24/77	0	8	
INDU0065	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/30/78-11/30/78	0	1	
INDU0066	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/30/78-11/30/78	0	1	
INDU0072	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/17/78-07/11/80	1	3	
INDU0080	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/11/77-09/24/77	0	7	
INDU0082	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/11/77-09/24/77	0	8	
INDU0094	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/17/78-07/11/80	1	3	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0103	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/18/78-08/25/79	0	2	
INDU0105	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/18/78-07/12/80	1	3	
INDU0126	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/18/78-07/12/80	1	3	
INDU0151	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/18/78-07/11/80	2	14	
INDU0164	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/17/78-07/11/80	1	3	
INDU0191	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/11/81-09/19/89	8	4	
INDU0193	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/11/77-09/24/77	0	8	
INDU0199	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/11/77-09/24/77	0	8	
INDU0216	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/18/78-07/11/80	1	3	
INDU0230	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/16/78-07/09/80	1	3	
INDU0236	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/16/78-07/09/80	1	3	
INDU0270	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/19/89-09/19/89	0	2	
INDU0279	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/11/77-09/24/77	0	8	
INDU0298	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/08/64-08/06/68	3	28	
INDU0328	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/26/67-04/17/68	0	13	
INDU0007	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	0	2	
INDU0010	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	0	1	
INDU0021	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	0	1	
INDU0026	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	0	1	
INDU0029	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	0	1	
INDU0031	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/09/70-06/09/70	0	1	
INDU0032	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	0	1	
INDU0033	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	0	1	
INDU0036	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	0	1	
INDU0037	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	0	1	
INDU0039	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/09/70-06/09/70	0	1	
INDU0043	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/09/70-06/09/70	0	1	
INDU0046	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/09/70-06/09/70	0	1	
INDU0047	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/09/70-06/09/70	0	1	
INDU0156	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/22/75-04/22/75	0	1	
INDU0158	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/22/75-04/22/75	0	1	
INDU0159	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/22/75-04/22/75	0	1	
INDU0162	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/22/75-04/22/75	0	1	
INDU0163	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/22/75-04/22/75	0	1	
INDU0166	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/22/75-04/22/75	0	2	
INDU0167	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/22/75-04/22/75	0	1	
INDU0168	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/22/75-04/22/75	0	1	
INDU0171	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	07/08/81-07/08/81	0	1	
INDU0172	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	10/15/79-10/15/79	0	1	
INDU0174	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	07/08/81-07/08/81	0	1	
INDU0176	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/23/81-09/23/81	0	3	
INDU0178	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	07/08/81-07/08/81	0	1	
INDU0182	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	07/08/81-07/08/81	0	1	
INDU0185	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	07/08/81-07/08/81	0	1	
INDU0186	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	07/08/81-07/08/81	0	1	
INDU0189	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	07/08/81-07/08/81	0	1	
INDU0194	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	08/28/79-09/03/80	1	3	
INDU0195	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/24/81-09/24/81	0	3	
INDU0206	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	10/13/79-10/13/79	0	3	
INDU0207	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/23/81-09/23/81	0	3	
INDU0215	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	10/12/79-10/12/79	0	1	
INDU0220	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	10/10/79-10/10/79	0	3	
INDU0229	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/04/80-12/04/80	0	2	
INDU0266	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	10/16/79-10/16/79	0	3	
INDU0275	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	10/04/79-10/04/79	0	1	
INDU0282	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	10/08/79-10/08/79	0	1	
INDU0322	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	10/02/79-10/02/79	0	3	
INDU0323	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/04/80-12/04/80	0	2	
INDU0330	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	10/03/79-10/03/79	0	3	
INDU0333	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/04/80-12/04/80	0	1	
INDU0003	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/19/78-08/26/79	0	2	
INDU0027	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/15/78-07/11/80	1	3	
INDU0055	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/79-07/11/80	0	2	
INDU0057	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/77-09/24/77	0	6	
INDU0063	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/79-07/11/80	0	2	
INDU0064	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/77-09/24/77	0	8	
INDU0065	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/30/78-11/30/78	0	1	
INDU0066	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/30/78-11/30/78	0	1	
INDU0072	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/17/78-07/11/80	1	3	
INDU0080	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/77-09/24/77	0	7	
INDU0082	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/77-09/24/77	0	8	
INDU0090	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/77-08/30/77	0	3	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0091	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/77-08/30/77	0	3	
INDU0093	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/77-05/09/78	0	4	
INDU0094	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/17/78-07/11/80	1	3	
INDU0096	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/77-05/09/78	1	5	
INDU0097	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/77-05/09/78	1	5	
INDU0098	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/01/77-09/01/77	0	2	
INDU0099	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/01/77-07/01/77	0	1	
INDU0100	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/01/77-04/06/78	0	2	
INDU0101	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/13/77-05/10/78	1	5	
INDU0102	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/13/77-05/10/78	1	7	
INDU0103	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/18/78-08/25/79	0	2	
INDU0105	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/13/77-07/12/80	3	9	
INDU0106	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/01/77-04/06/78	0	2	
INDU0107	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/77-08/31/77	0	1	
INDU0109	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/77-08/31/77	0	1	
INDU0111	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/01/77-04/06/78	0	2	
INDU0112	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/13/77-04/05/78	0	4	
INDU0113	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/12/77-08/30/77	0	3	
INDU0114	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/77-05/09/78	0	4	
INDU0115	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/77-05/09/78	1	6	
INDU0116	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/77-05/09/78	1	6	
INDU0117	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/29/77-04/06/78	0	2	
INDU0118	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/29/77-04/05/78	0	3	
INDU0119	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/29/77-04/06/78	0	2	
INDU0120	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/29/77-06/29/77	0	1	
INDU0121	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/77-08/31/77	0	1	
INDU0122	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/77-05/09/78	0	4	
INDU0123	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/12/77-05/09/78	1	6	
INDU0125	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/12/77-07/12/80	3	9	
INDU0127	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/12/77-05/10/78	1	6	
INDU0129	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/77-05/10/78	0	5	
INDU0130	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/12/77-05/09/78	1	5	
INDU0131	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/77-08/30/77	0	3	
INDU0133	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/29/77-04/06/78	0	2	
INDU0134	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/77-05/09/78	0	5	
INDU0135	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/77-05/10/78	0	4	
INDU0136	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/77-08/30/77	0	3	
INDU0151	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/17/78-07/11/80	1	3	
INDU0164	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/17/78-07/11/80	1	3	
INDU0193	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/77-09/24/77	0	8	
INDU0199	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/77-09/24/77	0	8	
INDU0216	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/18/78-07/11/80	1	3	
INDU0230	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/16/78-07/09/80	1	3	
INDU0236	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/16/78-07/09/80	1	3	
INDU0279	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/77-09/24/77	0	8	
INDU0009	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/18/85	5	57	
INDU0030	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/19/80-06/18/85	5	51	
INDU0104	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/13/77-11/23/77	0	2	
INDU0124	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	08/19/77-10/12/77	0	2	
INDU0140	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	5	58	
INDU0151	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/06/78-06/11/80	1	7	
INDU0169	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	5	60	
INDU0179	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	5	58	
INDU0184	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-11/20/84	4	52	
INDU0208	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/19/80-06/19/85	5	51	
INDU0243	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	
INDU0244	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	
INDU0261	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	
INDU0263	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	
INDU0267	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	
INDU0281	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	
INDU0283	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	
INDU0284	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	
INDU0286	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	
INDU0296	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	
INDU0298	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/02/65-08/06/68	3	25	
INDU0299	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	
INDU0300	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	
INDU0301	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	
INDU0304	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0320	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	
INDU0324	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	
INDU0329	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	
INDU0331	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/29/80-06/19/85	5	56	
INDU0332	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/03/84-10/03/84	0	1	
INDU0003	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/26/76-08/26/79	3	4	
INDU0004	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/16/75-06/26/76	0	2	
INDU0027	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/15/78-07/11/80	1	3	
INDU0055	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/26/74-07/11/80	5	7	
INDU0062	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/27/77-07/27/77	0	1	
INDU0063	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/03/75-07/11/80	5	5	
INDU0072	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/17/78-07/11/80	1	3	
INDU0093	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/13/74-08/10/78	3	14	
INDU0094	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/27/74-07/11/80	5	7	
INDU0096	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/04/78-05/09/78	0	2	
INDU0098	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/14/75-08/10/78	2	4	
INDU0101	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/28/76-05/10/78	1	8	
INDU0102	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/17/77-05/10/78	1	12	
INDU0103	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/04/75-08/25/79	4	5	
INDU0105	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/18/77-07/12/80	3	12	
INDU0107	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/31/77-08/31/77	0	1	
INDU0109	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/31/77-08/31/77	0	1	
INDU0112	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/14/75-08/31/77	2	4	
INDU0113	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/11/77-08/30/77	0	2	
INDU0115	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/15/77-05/09/78	1	10	
INDU0116	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/15/77-05/09/78	1	11	
INDU0118	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/76-08/31/77	0	2	
INDU0121	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/31/77-08/31/77	0	1	
INDU0122	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/23/76-05/09/78	1	2	
INDU0123	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/28/76-05/09/78	1	11	
INDU0125	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/28/74-07/12/80	5	17	
INDU0127	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/19/77-05/10/78	0	10	
INDU0128	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/11/77-03/11/77	0	1	
INDU0129	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/31/77-05/10/78	0	8	
INDU0130	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/29/77-05/09/78	0	7	
INDU0131	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/30/77-11/17/77	0	3	
INDU0134	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/10/77-05/09/78	1	9	
INDU0135	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/77-05/10/78	0	7	
INDU0136	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/14/77-11/17/77	0	6	
INDU0151	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/17/78-07/11/80	1	4	
INDU0164	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/17/78-07/11/80	1	3	
INDU0214	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/17/75-08/17/75	0	1	
INDU0216	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/18/78-07/11/80	1	3	
INDU0230	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/16/78-07/09/80	1	3	
INDU0236	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/16/78-07/09/80	1	3	
INDU0298	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/06/65-08/06/68	3	19	
INDU0055	Yes	00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	08/08/78-08/08/78	0	1	
INDU0126	Yes	00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	04/12/77-04/12/77	0	1	
INDU0214	Yes	00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	08/09/78-08/09/78	0	1	
INDU0003	Yes	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	06/26/76-06/26/76	0	1	
INDU0055	Yes	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	07/27/77-08/08/78	1	2	
INDU0093	Yes	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	06/24/76-06/24/76	0	1	
INDU0094	No	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	06/24/76-07/27/77	1	2	
INDU0101	No	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	09/28/76-04/13/77	0	2	
INDU0102	No	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	04/13/77-04/13/77	0	2	
INDU0103	No	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	05/20/77-07/28/77	0	2	
INDU0105	Yes	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	04/13/77-04/13/77	0	1	
INDU0112	Yes	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	09/29/76-02/11/77	0	2	
INDU0113	No	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	04/12/77-04/12/77	0	1	
INDU0118	Yes	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	05/18/77-05/18/77	0	1	
INDU0123	No	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	09/28/76-02/10/77	0	2	
INDU0126	Yes	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	09/28/76-09/28/76	0	1	
INDU0127	Yes	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	04/12/77-04/12/77	0	1	
INDU0130	No	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	02/11/77-02/11/77	0	1	
INDU0134	Yes	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	03/10/77-03/10/77	0	1	
INDU0214	Yes	00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	06/27/76-08/09/78	2	3	
INDU0151	Yes	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	02/27/80-02/27/80	0	1	
INDU0055	Yes	00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	08/08/78-08/08/78	0	1	
INDU0214	Yes	00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	08/09/78-08/09/78	0	1	
INDU0009	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	21	206	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0028	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/03/75-02/03/75	0	1	
INDU0030	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	19	202	
INDU0040	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/08/80-09/23/81	1	19	
INDU0041	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/23/80-10/15/80	0	8	
INDU0050	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/08/80-04/08/80	0	3	
INDU0052	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/20/80-07/20/81	1	4	
INDU0053	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/21/80-09/23/81	1	14	
INDU0061	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/18/81-09/23/81	0	8	
INDU0069	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/20/80-09/23/81	1	8	
INDU0073	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/23/81-09/23/81	0	2	
INDU0078	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/21/80-07/21/80	0	3	
INDU0079	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/23/81-09/23/81	0	2	
INDU0083	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/23/80-06/23/80	0	2	
INDU0084	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/20/80-09/17/80	0	6	
INDU0089	Yes	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/17/80-09/17/80	0	2	
INDU0110	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/23/81-09/23/81	0	2	
INDU0113	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/12/77-04/12/77	0	1	
INDU0143	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/86-07/27/92	6	75	
INDU0144	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/02/72-05/31/73	0	261	
INDU0145	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/01/72-05/31/73	0	262	
INDU0146	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/09/80-10/20/81	1	13	
INDU0147	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/01/72-05/31/73	0	266	
INDU0148	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/01/72-05/31/73	0	252	
INDU0149	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/19/80-10/20/81	1	21	
INDU0155	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	11/18/80-06/25/81	0	7	
INDU0169	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	18	212	
INDU0173	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/02/72-05/31/73	1	477	
INDU0179	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	11	132	
INDU0184	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	13	180	
INDU0191	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/19/89-09/19/89	0	2	
INDU0201	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/25/80-07/22/81	1	9	
INDU0202	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/16/80-09/16/80	0	2	
INDU0203	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/20/80-10/20/81	1	6	
INDU0208	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	18	192	
INDU0210	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/25/80-06/25/80	0	2	
INDU0211	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/09/80-07/22/81	1	14	
INDU0212	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/21/80-06/02/81	0	6	
INDU0217	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/20/81-10/20/81	0	3	
INDU0218	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/20/80-07/22/81	1	13	
INDU0223	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/02/81-06/02/81	0	2	
INDU0226	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/20/80-06/25/81	1	4	
INDU0227	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/16/80-06/02/81	0	6	
INDU0234	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/22/80-07/22/81	1	7	
INDU0235	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/09/80-10/20/81	1	14	
INDU0241	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	08/25/80-10/20/81	1	7	
INDU0242	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/25/80-07/22/81	1	8	
INDU0243	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0244	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0261	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0263	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0267	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0268	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/22/80-07/22/81	1	6	
INDU0270	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/19/89-09/19/89	0	2	
INDU0281	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0283	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0284	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0286	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0294	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/20/80-10/20/81	1	22	
INDU0295	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/09/80-06/24/81	1	7	
INDU0296	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0297	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/16/80-10/20/81	1	4	
INDU0299	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0300	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0301	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0304	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0311	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/22/80-08/26/80	0	4	
INDU0320	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0321	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/86-07/27/92	6	78	
INDU0324	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0328	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/60-01/16/73	13	235	
INDU0329	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0331	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	16	172	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0332	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/03/84-10/03/84	0	1	
INDU0055	Yes	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	08/02/73-06/22/76	2	2	
INDU0093	Yes	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	06/24/76-06/24/76	0	1	
INDU0094	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	08/02/73-08/08/78	5	4	
INDU0101	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	04/13/77-04/13/77	0	1	
INDU0102	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	04/13/77-04/13/77	0	2	
INDU0103	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	11/12/75-07/28/77	1	2	
INDU0105	Yes	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	04/13/77-04/13/77	0	1	
INDU0112	Yes	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	02/11/77-02/11/77	0	1	
INDU0123	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	02/10/77-02/10/77	0	1	
INDU0126	Yes	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	08/01/73-04/12/77	3	3	
INDU0127	Yes	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	04/12/77-04/12/77	0	1	
INDU0130	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	02/11/77-02/11/77	0	1	
INDU0134	Yes	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	03/10/77-03/10/77	0	1	
INDU0171	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/08/81-07/08/81	0	1	
INDU0174	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/08/81-07/08/81	0	1	
INDU0176	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	09/23/81-09/23/81	0	3	
INDU0178	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/08/81-07/08/81	0	1	
INDU0182	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/08/81-07/08/81	0	1	
INDU0185	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/08/81-07/08/81	0	1	
INDU0186	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/08/81-07/08/81	0	1	
INDU0189	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/08/81-07/08/81	0	1	
INDU0195	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	09/24/81-09/24/81	0	3	
INDU0207	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	09/23/81-09/23/81	0	3	
INDU0214	Yes	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	06/27/76-06/27/76	0	1	
INDU0229	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	12/04/80-12/04/80	0	1	
INDU0323	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	12/04/80-12/04/80	0	2	
INDU0002	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/24/74-04/24/74	0	1	
INDU0003	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/26/76-08/26/79	3	4	
INDU0004	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/03/73-06/26/76	2	5	
INDU0005	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/16/73-01/23/74	0	2	
INDU0006	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/12/62-04/12/62	0	1	
INDU0009	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	22	158	T,S
INDU0011	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/17/59-12/17/59	0	1	
INDU0012	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/17/59-12/17/59	0	1	
INDU0015	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/01/55-12/17/59	4	2	
INDU0016	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/17/59-12/17/59	0	1	
INDU0027	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/15/78-07/11/80	1	3	
INDU0028	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/03/75-02/03/75	0	1	
INDU0030	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	12	127	
INDU0034	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/57-05/24/57	0	1	
INDU0035	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/26/62-04/26/62	0	1	
INDU0038	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/57-05/24/57	0	1	
INDU0042	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/57-08/30/57	0	1	
INDU0051	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/12/62-04/12/62	0	1	
INDU0055	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/73-07/11/80	6	9	
INDU0056	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/03/75-02/03/75	0	1	
INDU0059	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/11/62-04/11/62	0	1	
INDU0060	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/11/62-04/11/62	0	1	
INDU0062	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/77-07/27/77	0	1	
INDU0063	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/73-07/11/80	6	8	
INDU0065	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/30/78-11/30/78	0	1	
INDU0066	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/30/78-11/30/78	0	1	
INDU0071	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/03/75-02/03/75	0	1	
INDU0072	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/17/78-07/11/80	1	3	
INDU0077	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/19/77-01/19/77	0	1	
INDU0090	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/15/77-11/16/77	0	6	
INDU0091	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/15/77-11/16/77	0	6	
INDU0093	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/25/74-08/10/78	4	14	
INDU0094	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/73-07/11/80	6	9	
INDU0096	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/15/77-05/09/78	1	7	
INDU0097	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/15/77-05/09/78	1	7	
INDU0098	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/75-08/10/78	2	6	
INDU0099	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/77-10/13/77	0	2	
INDU0100	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/77-04/06/78	0	3	
INDU0101	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/28/76-05/10/78	1	10	
INDU0102	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/28/76-05/10/78	1	16	
INDU0103	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/73-08/25/79	6	12	
INDU0105	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/13/77-08/25/81	4	18	
INDU0106	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/77-04/06/78	0	3	
INDU0107	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0109	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	0	1	
INDU0111	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/77-04/06/78	0	3	
INDU0112	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/24/74-04/05/78	4	13	
INDU0113	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/77-08/30/77	0	4	
INDU0114	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/77-05/09/78	0	7	
INDU0115	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/15/77-05/09/78	1	11	
INDU0116	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/15/77-08/26/81	4	15	
INDU0117	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/13/77-04/06/78	0	2	
INDU0118	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/29/76-04/05/78	1	5	
INDU0119	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/29/77-04/06/78	0	3	
INDU0120	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/29/77-10/12/77	0	2	
INDU0121	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	0	1	
INDU0122	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/24/74-05/09/78	4	14	
INDU0123	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/28/76-05/09/78	1	16	
INDU0124	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/80-02/19/80	0	1	
INDU0125	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/73-07/12/80	6	24	
INDU0127	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/10/77-05/10/78	1	14	
INDU0128	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/77-03/11/77	0	1	
INDU0129	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/77-05/10/78	0	10	
INDU0130	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/11/77-05/09/78	1	13	
INDU0131	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/14/77-01/17/78	0	9	
INDU0133	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/29/77-04/06/78	0	3	
INDU0134	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/77-05/09/78	1	19	
INDU0135	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/11/77-08/26/81	4	12	
INDU0136	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/14/77-12/20/77	0	8	
INDU0140	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	21	77	
INDU0143	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	6	76	
INDU0151	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/18/78-07/11/80	2	14	
INDU0164	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/17/78-07/11/80	1	3	
INDU0169	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	26	272	T,S
INDU0173	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/72-05/31/73	1	475	
INDU0179	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	26	261	T,S
INDU0184	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	19	205	
INDU0191	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/19/89-09/19/89	0	2	
INDU0208	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	26	245	T,S
INDU0214	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/75-08/17/75	0	1	
INDU0216	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/18/78-07/11/80	1	3	
INDU0221	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/13/59-10/13/59	0	1	
INDU0228	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/13/59-10/13/59	0	1	
INDU0230	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/78-07/09/80	1	3	
INDU0236	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/78-07/09/80	1	3	
INDU0270	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/19/89-09/19/89	0	2	
INDU0293	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/30/41-09/30/41	0	1	
INDU0298	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	10	406	
INDU0307	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/12/59-10/12/59	0	1	
INDU0308	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/29/35-04/29/35	0	1	
INDU0310	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/13/61-12/13/61	0	1	
INDU0313	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/12/59-10/12/59	0	1	
INDU0314	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/12/59-10/12/59	0	1	
INDU0316	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/13/59-10/13/59	0	1	
INDU0321	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	6	78	
INDU0327	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/13/61-12/13/61	0	1	
INDU0331	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	20	217	
INDU0334	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/22/62-01/22/62	0	1	
INDU0335	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/50-12/20/50	0	1	
INDU0336	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/14/59-10/14/59	0	1	
INDU0337	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/26/56-10/14/59	3	2	
INDU0002	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/24/74-04/24/74	0	1	
INDU0003	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/26/76-08/26/79	3	3	
INDU0004	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/03/73-06/26/76	2	5	
INDU0005	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/16/73-01/23/74	0	2	
INDU0027	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/15/78-07/11/80	1	3	
INDU0055	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/02/73-07/11/80	6	9	
INDU0056	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/03/75-02/03/75	0	1	
INDU0062	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/77-07/27/77	0	1	
INDU0063	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/02/73-07/11/80	6	8	
INDU0071	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/03/75-02/03/75	0	1	
INDU0072	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/17/78-07/11/80	1	3	
INDU0077	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/19/77-01/19/77	0	1	
INDU0090	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/15/77-11/16/77	0	6	
INDU0091	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/15/77-11/16/77	0	6	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0093	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/25/74-08/10/78	4	14	
INDU0094	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/02/73-07/11/80	6	9	
INDU0096	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/15/77-05/09/78	1	7	
INDU0097	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/15/77-05/09/78	1	7	
INDU0098	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/14/75-08/10/78	2	6	
INDU0099	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/01/77-10/13/77	0	2	
INDU0100	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/01/77-04/06/78	0	3	
INDU0101	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/28/76-05/10/78	1	10	
INDU0102	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/28/76-05/10/78	1	16	
INDU0103	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/02/73-08/25/79	6	12	
INDU0105	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/13/77-07/12/80	3	15	
INDU0106	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/01/77-04/06/78	0	3	
INDU0107	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/31/77-08/31/77	0	1	
INDU0109	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/31/77-08/31/77	0	1	
INDU0111	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/01/77-04/06/78	0	3	
INDU0112	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/24/74-04/05/78	4	13	
INDU0113	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/11/77-08/30/77	0	4	
INDU0114	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/28/77-05/09/78	0	7	
INDU0115	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/15/77-05/09/78	1	11	
INDU0116	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/15/77-05/09/78	1	12	
INDU0117	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/13/77-04/06/78	0	2	
INDU0118	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/29/76-04/05/78	1	5	
INDU0119	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/29/77-04/06/78	0	3	
INDU0120	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/29/77-10/12/77	0	2	
INDU0121	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/31/77-08/31/77	0	1	
INDU0122	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/24/74-05/09/78	4	14	
INDU0123	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/28/76-05/09/78	1	16	
INDU0125	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/01/73-07/12/80	6	24	
INDU0127	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/10/77-05/10/78	1	14	
INDU0128	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/11/77-03/11/77	0	1	
INDU0129	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/28/77-05/10/78	0	10	
INDU0130	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/11/77-05/09/78	1	13	
INDU0131	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/14/77-01/17/78	0	9	
INDU0133	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/29/77-04/06/78	0	3	
INDU0134	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/10/77-05/09/78	1	19	
INDU0135	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/11/77-05/10/78	1	9	
INDU0136	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/14/77-12/20/77	0	8	
INDU0151	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/18/78-07/11/80	2	14	
INDU0164	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/17/78-07/11/80	1	3	
INDU0214	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/17/75-08/17/75	0	1	
INDU0216	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/18/78-07/11/80	1	3	
INDU0230	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/16/78-07/09/80	1	3	
INDU0236	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/16/78-07/09/80	1	3	
INDU0009	No	00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/23/91	10	51	
INDU0030	No	00910	CALCIUM (MG/L AS CACO3)	07/23/91-07/23/91	0	1	
INDU0169	No	00910	CALCIUM (MG/L AS CACO3)	11/20/85-06/24/92	6	68	
INDU0179	No	00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/27/92	11	54	
INDU0184	No	00910	CALCIUM (MG/L AS CACO3)	09/26/84-09/26/84	0	1	
INDU0208	No	00910	CALCIUM (MG/L AS CACO3)	02/18/87-07/27/92	5	62	
INDU0321	No	00910	CALCIUM (MG/L AS CACO3)	01/28/87-07/27/92	5	66	
INDU0331	No	00910	CALCIUM (MG/L AS CACO3)	11/20/85-11/20/85	0	1	
INDU0002	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/24/74-04/24/74	0	1	
INDU0003	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/26/76-08/26/79	3	4	
INDU0004	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/73-06/26/76	2	5	
INDU0005	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/16/73-01/23/74	0	2	
INDU0027	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/15/78-07/11/80	1	3	
INDU0055	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/73-07/11/80	6	9	
INDU0056	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/03/75-02/03/75	0	1	
INDU0062	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/77-07/27/77	0	1	
INDU0063	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/73-07/11/80	6	8	
INDU0065	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/30/78-11/30/78	0	1	
INDU0066	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/30/78-11/30/78	0	1	
INDU0068	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/02/62-09/02/62	0	2	
INDU0071	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/03/75-02/03/75	0	1	
INDU0072	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/17/78-07/11/80	1	3	
INDU0075	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/14/85-03/14/85	0	1	
INDU0077	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/19/77-01/19/77	0	1	
INDU0086	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/62-08/31/62	0	2	
INDU0090	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/77-11/16/77	0	6	
INDU0091	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/77-11/16/77	0	6	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0093	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/25/74-08/10/78	4	14	
INDU0094	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/73-07/11/80	6	9	
INDU0096	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/77-05/09/78	1	7	
INDU0097	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/77-05/09/78	1	7	
INDU0098	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/75-08/10/78	2	6	
INDU0099	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/77-10/13/77	0	2	
INDU0100	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/77-04/06/78	0	3	
INDU0101	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/28/76-05/10/78	1	10	
INDU0102	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/17/77-05/10/78	1	15	
INDU0103	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/73-08/25/79	6	12	
INDU0104	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/77-08/19/77	0	1	
INDU0105	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/13/77-08/25/81	4	18	
INDU0106	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/77-04/06/78	0	3	
INDU0107	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/77-08/31/77	0	1	
INDU0109	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/77-08/31/77	0	1	
INDU0111	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/77-04/06/78	0	3	
INDU0112	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/24/74-04/05/78	4	13	
INDU0113	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/77-08/30/77	0	4	
INDU0114	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/28/77-05/09/78	0	7	
INDU0115	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/77-05/09/78	1	11	
INDU0116	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/77-08/26/81	4	15	
INDU0117	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/13/77-04/06/78	0	2	
INDU0118	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/29/76-04/05/78	1	5	
INDU0119	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/29/77-04/06/78	0	3	
INDU0120	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/29/76-10/12/77	1	3	
INDU0121	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/77-08/31/77	0	1	
INDU0122	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/24/74-05/09/78	4	14	
INDU0123	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/28/76-05/09/78	1	16	
INDU0124	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/77-02/19/80	2	2	
INDU0125	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/01/73-07/12/80	6	24	
INDU0127	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/29/76-05/10/78	1	15	
INDU0128	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/77-03/11/77	0	1	
INDU0129	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/28/77-05/10/78	0	10	
INDU0130	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/11/77-05/09/78	1	13	
INDU0131	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/14/77-01/17/78	0	9	
INDU0133	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/29/77-04/06/78	0	3	
INDU0134	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/10/77-05/09/78	1	19	
INDU0135	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/11/77-08/26/81	4	12	
INDU0136	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/14/77-12/20/77	0	8	
INDU0151	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/18/78-07/11/80	2	14	
INDU0157	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/62-10/20/62	0	3	
INDU0164	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/17/78-07/11/80	1	3	
INDU0191	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/19/89-09/19/89	0	2	
INDU0214	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/75-08/17/75	0	1	
INDU0216	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/18/78-07/11/80	1	3	
INDU0230	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/16/78-07/09/80	1	3	
INDU0236	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/16/78-07/09/80	1	3	
INDU0237	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/62-10/19/62	0	3	
INDU0240	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/63-09/18/63	0	9	
INDU0243	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	
INDU0244	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	
INDU0251	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/63-09/18/63	0	9	
INDU0261	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	
INDU0263	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	
INDU0267	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	
INDU0270	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/19/89-09/19/89	0	2	
INDU0273	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/63-09/11/63	0	8	
INDU0278	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/63-09/18/63	0	9	
INDU0281	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	
INDU0283	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	
INDU0284	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	
INDU0285	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/63-09/18/63	0	6	
INDU0286	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	
INDU0292	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/63-09/18/63	0	9	
INDU0296	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	
INDU0299	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	
INDU0300	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	
INDU0301	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	
INDU0302	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/63-09/18/63	0	9	
INDU0304	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0320	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	
INDU0324	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	
INDU0329	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	
INDU0332	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/84-10/03/84	0	1	
INDU0005	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/03/73-08/03/73	0	1	
INDU0028	No	00916	CALCIUM, TOTAL (MG/L AS CA)	02/03/75-02/03/75	0	1	
INDU0055	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	08/02/73-08/02/73	0	1	
INDU0094	No	00916	CALCIUM, TOTAL (MG/L AS CA)	08/02/73-10/01/73	0	2	
INDU0103	No	00916	CALCIUM, TOTAL (MG/L AS CA)	08/02/73-08/02/73	0	1	
INDU0104	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/01/77-07/01/77	0	1	
INDU0124	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/28/77-06/28/77	0	1	
INDU0191	No	00916	CALCIUM, TOTAL (MG/L AS CA)	04/19/89-09/19/89	0	2	
INDU0214	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/31/73-07/31/73	0	1	
INDU0269	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/07/77-07/07/77	0	1	
INDU0270	No	00916	CALCIUM, TOTAL (MG/L AS CA)	04/19/89-09/19/89	0	2	
INDU0176	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/23/81-09/23/81	0	3	
INDU0195	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/24/81-09/24/81	0	3	
INDU0207	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/23/81-09/23/81	0	3	
INDU0229	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	12/04/80-12/04/80	0	2	
INDU0323	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	12/04/80-12/04/80	0	2	
INDU0333	No	00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	12/04/80-12/04/80	0	1	
INDU0009	No	00920	MAGNESIUM (MG/L AS CACO3)	01/28/81-11/19/85	4	49	
INDU0068	No	00920	MAGNESIUM (MG/L AS CACO3)	09/02/62-09/02/62	0	2	
INDU0086	No	00920	MAGNESIUM (MG/L AS CACO3)	08/31/62-08/31/62	0	2	
INDU0157	No	00920	MAGNESIUM (MG/L AS CACO3)	08/31/62-08/31/62	0	2	
INDU0169	No	00920	MAGNESIUM (MG/L AS CACO3)	11/20/85-05/24/89	3	25	
INDU0179	No	00920	MAGNESIUM (MG/L AS CACO3)	01/28/81-12/18/85	4	51	
INDU0184	No	00920	MAGNESIUM (MG/L AS CACO3)	09/26/84-09/26/84	0	1	
INDU0208	No	00920	MAGNESIUM (MG/L AS CACO3)	02/18/87-05/24/89	2	21	
INDU0237	No	00920	MAGNESIUM (MG/L AS CACO3)	08/31/62-08/31/62	0	2	
INDU0240	No	00920	MAGNESIUM (MG/L AS CACO3)	08/22/63-09/18/63	0	9	
INDU0251	No	00920	MAGNESIUM (MG/L AS CACO3)	08/22/63-09/18/63	0	9	
INDU0273	No	00920	MAGNESIUM (MG/L AS CACO3)	08/22/63-09/11/63	0	8	
INDU0278	No	00920	MAGNESIUM (MG/L AS CACO3)	08/22/63-09/18/63	0	9	
INDU0285	No	00920	MAGNESIUM (MG/L AS CACO3)	08/22/63-09/18/63	0	10	
INDU0292	No	00920	MAGNESIUM (MG/L AS CACO3)	08/22/63-09/18/63	0	9	
INDU0302	No	00920	MAGNESIUM (MG/L AS CACO3)	08/22/63-09/18/63	0	9	
INDU0321	No	00920	MAGNESIUM (MG/L AS CACO3)	01/28/87-05/23/89	2	23	
INDU0331	No	00920	MAGNESIUM (MG/L AS CACO3)	11/20/85-11/20/85	0	1	
INDU0007	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	0	2	
INDU0010	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	0	1	
INDU0021	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	0	1	
INDU0026	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	0	1	
INDU0029	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	0	1	
INDU0032	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	0	1	
INDU0033	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	0	1	
INDU0036	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	0	1	
INDU0037	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	0	1	
INDU0156	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/22/75-04/22/75	0	1	
INDU0158	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/22/75-04/22/75	0	1	
INDU0159	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/22/75-04/22/75	0	1	
INDU0162	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/22/75-04/22/75	0	1	
INDU0163	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/22/75-04/22/75	0	1	
INDU0166	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/22/75-04/22/75	0	2	
INDU0167	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/22/75-04/22/75	0	1	
INDU0168	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/22/75-04/22/75	0	1	
INDU0176	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/23/81-09/23/81	0	3	
INDU0195	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/24/81-09/24/81	0	3	
INDU0207	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/23/81-09/23/81	0	3	
INDU0229	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	12/04/80-12/04/80	0	2	
INDU0323	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	12/04/80-12/04/80	0	2	
INDU0333	No	00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	12/04/80-12/04/80	0	1	
INDU0002	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/24/74-04/24/74	0	1	
INDU0003	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/26/76-08/26/79	3	4	
INDU0004	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/73-06/26/76	2	5	
INDU0005	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/16/73-01/23/74	0	2	
INDU0027	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/15/78-07/11/80	1	3	
INDU0055	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/73-07/11/80	6	9	
INDU0056	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/03/75-02/03/75	0	1	
INDU0062	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/77-07/27/77	0	1	
INDU0063	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/73-07/11/80	6	8	
INDU0065	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/30/78-11/30/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0066	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/30/78-11/30/78	0	1	
INDU0068	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/02/62-09/02/62	0	2	
INDU0071	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/03/75-02/03/75	0	1	
INDU0072	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/17/78-07/11/80	1	3	
INDU0075	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/14/85-03/14/85	0	1	
INDU0077	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/19/77-01/19/77	0	1	
INDU0086	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/62-10/20/62	0	3	
INDU0090	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/77-11/16/77	0	6	
INDU0091	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/77-11/16/77	0	6	
INDU0093	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/25/74-08/10/78	4	14	
INDU0094	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/73-07/11/80	6	9	
INDU0096	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/77-05/09/78	1	7	
INDU0097	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/77-05/09/78	1	7	
INDU0098	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/75-08/10/78	2	6	
INDU0099	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/77-10/13/77	0	2	
INDU0100	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/77-04/06/78	0	3	
INDU0101	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/28/76-05/10/78	1	10	
INDU0102	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/17/77-05/10/78	1	15	
INDU0103	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/73-08/25/79	6	12	
INDU0105	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/13/77-08/25/81	4	18	
INDU0106	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/77-04/06/78	0	3	
INDU0107	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/77-08/31/77	0	1	
INDU0109	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/77-08/31/77	0	1	
INDU0111	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/77-04/06/78	0	3	
INDU0112	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/24/74-04/05/78	4	13	
INDU0113	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/77-08/30/77	0	4	
INDU0114	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/28/77-05/09/78	0	7	
INDU0115	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/77-05/09/78	1	11	
INDU0116	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/77-08/26/81	4	15	
INDU0117	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/13/77-04/06/78	0	2	
INDU0118	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/76-04/05/78	1	5	
INDU0119	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/29/77-04/06/78	0	3	
INDU0120	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/29/77-10/12/77	0	2	
INDU0121	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/77-08/31/77	0	1	
INDU0122	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/24/74-05/09/78	4	14	
INDU0123	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/28/76-05/09/78	1	16	
INDU0124	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/19/80-02/19/80	0	1	
INDU0125	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/01/73-07/12/80	6	24	
INDU0127	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/10/77-05/10/78	1	14	
INDU0128	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/77-03/11/77	0	1	
INDU0129	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/28/77-05/10/78	0	10	
INDU0130	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/11/77-05/09/78	1	13	
INDU0131	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/14/77-01/17/78	0	9	
INDU0133	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/29/77-04/06/78	0	3	
INDU0134	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/10/77-05/09/78	1	19	
INDU0135	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/11/77-08/26/81	4	12	
INDU0136	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/14/77-12/20/77	0	8	
INDU0151	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/18/78-07/11/80	2	14	
INDU0157	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/62-10/20/62	0	3	
INDU0164	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/17/78-07/11/80	1	3	
INDU0191	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/19/89-09/19/89	0	2	
INDU0214	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/75-08/17/75	0	1	
INDU0216	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/18/78-07/11/80	1	3	
INDU0230	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/16/78-07/09/80	1	3	
INDU0236	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/16/78-07/09/80	1	3	
INDU0237	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/62-10/19/62	0	4	
INDU0243	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0244	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0261	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0263	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0267	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0270	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/19/89-09/19/89	0	2	
INDU0273	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/63-09/11/63	0	8	
INDU0278	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/63-09/18/63	0	9	
INDU0281	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0283	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0284	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0285	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/63-09/18/63	0	11	
INDU0286	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0292	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/63-09/18/63	0	9	

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Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0296	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0299	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0300	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0301	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0302	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/63-09/18/63	0	9	
INDU0304	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0320	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0324	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0329	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0332	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/84-10/03/84	0	1	
INDU0028	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/03/75-02/03/75	0	1	
INDU0055	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/02/73-08/02/73	0	1	
INDU0094	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/02/73-10/01/73	0	2	
INDU0103	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/02/73-08/02/73	0	1	
INDU0104	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/77-08/19/77	0	2	
INDU0124	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/20/77-06/28/77	0	2	
INDU0191	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/19/89-09/19/89	0	2	
INDU0214	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/31/73-07/31/73	0	1	
INDU0269	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/07/77-07/07/77	0	1	
INDU0270	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/19/89-09/19/89	0	2	
INDU0009	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	21	151	
INDU0028	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/03/75-02/03/75	0	1	
INDU0030	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	19	108	
INDU0104	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/01/77-08/19/77	0	2	
INDU0124	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	04/20/77-06/28/77	0	2	
INDU0169	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	18	77	
INDU0179	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	11	120	
INDU0184	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/13/71-09/26/84	13	96	
INDU0191	No	00929	SODIUM, TOTAL (MG/L AS NA)	04/19/89-09/19/89	0	2	
INDU0208	No	00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	18	74	
INDU0269	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/07/77-07/07/77	0	1	
INDU0270	No	00929	SODIUM, TOTAL (MG/L AS NA)	04/19/89-09/19/89	0	2	
INDU0321	No	00929	SODIUM, TOTAL (MG/L AS NA)	05/15/90-11/27/90	0	2	
INDU0328	No	00929	SODIUM, TOTAL (MG/L AS NA)	04/24/70-04/29/70	0	2	
INDU0331	No	00929	SODIUM, TOTAL (MG/L AS NA)	01/14/69-11/09/76	7	80	
INDU0002	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/24/74-04/24/74	0	1	
INDU0003	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/26/76-08/26/79	3	4	
INDU0004	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/73-06/26/76	2	5	
INDU0005	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/16/73-01/23/74	0	2	
INDU0027	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/15/78-07/11/80	1	3	
INDU0055	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/73-07/11/80	6	9	
INDU0056	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/03/75-02/03/75	0	1	
INDU0062	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/77-07/27/77	0	1	
INDU0063	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/73-07/11/80	6	8	
INDU0065	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/30/78-11/30/78	0	1	
INDU0066	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/30/78-11/30/78	0	1	
INDU0071	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/03/75-02/03/75	0	1	
INDU0072	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/17/78-07/11/80	1	3	
INDU0075	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/14/85-03/14/85	0	1	
INDU0077	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/19/77-01/19/77	0	1	
INDU0090	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/77-11/16/77	0	6	
INDU0091	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/77-11/16/77	0	6	
INDU0093	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/25/74-08/10/78	4	14	
INDU0094	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/73-07/11/80	6	9	
INDU0096	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/77-05/09/78	1	7	
INDU0097	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/77-05/09/78	1	7	
INDU0098	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/75-08/10/78	2	6	
INDU0099	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/77-10/13/77	0	2	
INDU0100	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/77-04/06/78	0	3	
INDU0101	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/28/76-05/10/78	1	10	
INDU0102	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/17/77-05/10/78	1	15	
INDU0103	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/73-08/25/79	6	12	
INDU0105	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/13/77-08/25/81	4	18	
INDU0106	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/77-04/06/78	0	3	
INDU0107	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/77-08/31/77	0	1	
INDU0109	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/77-08/31/77	0	1	
INDU0111	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/77-04/06/78	0	3	
INDU0112	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/24/74-04/05/78	4	13	
INDU0113	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/77-08/30/77	0	4	
INDU0114	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/28/77-05/09/78	0	7	
INDU0115	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/77-05/09/78	1	11	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0116	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/77-08/26/81	4	15	
INDU0117	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/13/77-04/06/78	0	2	
INDU0118	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/29/76-04/05/78	1	5	
INDU0119	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/29/77-04/06/78	0	3	
INDU0120	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/29/77-10/12/77	0	2	
INDU0121	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/77-08/31/77	0	1	
INDU0122	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/24/74-05/09/78	4	14	
INDU0123	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/28/76-05/09/78	1	16	
INDU0124	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/19/80-02/19/80	0	1	
INDU0125	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/01/73-07/12/80	6	24	
INDU0127	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/10/77-05/10/78	1	14	
INDU0128	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/77-03/11/77	0	1	
INDU0129	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/28/77-05/10/78	0	10	
INDU0130	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/11/77-05/09/78	1	13	
INDU0131	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/14/77-01/17/78	0	9	
INDU0133	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/29/77-04/06/78	0	3	
INDU0134	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/10/77-05/09/78	1	19	
INDU0135	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/11/77-08/26/81	4	12	
INDU0136	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/14/77-12/20/77	0	8	
INDU0151	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/18/78-07/11/80	2	14	
INDU0164	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/17/78-07/11/80	1	3	
INDU0191	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/19/89-09/19/89	0	2	
INDU0214	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/73-08/17/75	2	2	
INDU0216	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/18/78-07/11/80	1	3	
INDU0230	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/16/78-07/09/80	1	3	
INDU0236	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/16/78-07/09/80	1	3	
INDU0270	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/19/89-09/19/89	0	2	
INDU0298	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/62-01/01/69	6	11	
INDU0002	Yes	00931	SODIUM ADSORPTION RATIO	04/24/74-04/24/74	0	1	
INDU0003	Yes	00931	SODIUM ADSORPTION RATIO	06/26/76-08/26/79	3	4	
INDU0004	Yes	00931	SODIUM ADSORPTION RATIO	08/03/73-06/26/76	2	5	
INDU0005	Yes	00931	SODIUM ADSORPTION RATIO	10/16/73-01/23/74	0	2	
INDU0027	No	00931	SODIUM ADSORPTION RATIO	11/15/78-07/11/80	1	3	
INDU0055	Yes	00931	SODIUM ADSORPTION RATIO	08/02/73-07/11/80	6	9	
INDU0056	Yes	00931	SODIUM ADSORPTION RATIO	02/03/75-02/03/75	0	1	
INDU0062	No	00931	SODIUM ADSORPTION RATIO	07/27/77-07/27/77	0	1	
INDU0063	No	00931	SODIUM ADSORPTION RATIO	08/02/73-07/11/80	6	8	
INDU0065	No	00931	SODIUM ADSORPTION RATIO	11/30/78-11/30/78	0	1	
INDU0066	No	00931	SODIUM ADSORPTION RATIO	11/30/78-11/30/78	0	1	
INDU0071	Yes	00931	SODIUM ADSORPTION RATIO	02/03/75-02/03/75	0	1	
INDU0072	Yes	00931	SODIUM ADSORPTION RATIO	11/17/78-07/11/80	1	3	
INDU0077	Yes	00931	SODIUM ADSORPTION RATIO	01/19/77-01/19/77	0	1	
INDU0090	Yes	00931	SODIUM ADSORPTION RATIO	04/15/77-11/16/77	0	6	
INDU0091	Yes	00931	SODIUM ADSORPTION RATIO	04/15/77-11/16/77	0	6	
INDU0093	Yes	00931	SODIUM ADSORPTION RATIO	04/25/74-08/10/78	4	14	
INDU0094	No	00931	SODIUM ADSORPTION RATIO	08/02/73-07/11/80	6	9	
INDU0096	Yes	00931	SODIUM ADSORPTION RATIO	04/15/77-05/09/78	1	7	
INDU0097	Yes	00931	SODIUM ADSORPTION RATIO	04/15/77-05/09/78	1	7	
INDU0098	Yes	00931	SODIUM ADSORPTION RATIO	08/14/75-08/10/78	2	6	
INDU0099	Yes	00931	SODIUM ADSORPTION RATIO	07/01/77-10/13/77	0	2	
INDU0100	Yes	00931	SODIUM ADSORPTION RATIO	07/01/77-04/06/78	0	3	
INDU0101	No	00931	SODIUM ADSORPTION RATIO	09/28/76-05/10/78	1	10	
INDU0102	No	00931	SODIUM ADSORPTION RATIO	09/28/76-05/10/78	1	16	
INDU0103	No	00931	SODIUM ADSORPTION RATIO	08/02/73-08/25/79	6	12	
INDU0105	Yes	00931	SODIUM ADSORPTION RATIO	04/13/77-08/25/81	4	18	
INDU0106	Yes	00931	SODIUM ADSORPTION RATIO	07/01/77-04/06/78	0	3	
INDU0107	Yes	00931	SODIUM ADSORPTION RATIO	08/31/77-08/31/77	0	1	
INDU0108	Yes	00931	SODIUM ADSORPTION RATIO	08/31/77-08/31/77	0	1	
INDU0109	Yes	00931	SODIUM ADSORPTION RATIO	08/31/77-08/31/77	0	1	
INDU0111	Yes	00931	SODIUM ADSORPTION RATIO	07/01/77-04/06/78	0	3	
INDU0112	Yes	00931	SODIUM ADSORPTION RATIO	01/24/74-04/05/78	4	13	
INDU0113	No	00931	SODIUM ADSORPTION RATIO	03/11/77-08/30/77	0	4	
INDU0114	No	00931	SODIUM ADSORPTION RATIO	06/28/77-05/09/78	0	7	
INDU0115	No	00931	SODIUM ADSORPTION RATIO	04/15/77-05/09/78	1	11	
INDU0116	No	00931	SODIUM ADSORPTION RATIO	04/15/77-08/26/81	4	15	
INDU0117	Yes	00931	SODIUM ADSORPTION RATIO	10/13/77-04/06/78	0	2	
INDU0118	Yes	00931	SODIUM ADSORPTION RATIO	09/29/76-04/05/78	1	5	
INDU0119	Yes	00931	SODIUM ADSORPTION RATIO	06/29/77-04/06/78	0	3	
INDU0120	Yes	00931	SODIUM ADSORPTION RATIO	06/29/77-10/12/77	0	2	
INDU0121	Yes	00931	SODIUM ADSORPTION RATIO	08/31/77-08/31/77	0	1	
INDU0122	No	00931	SODIUM ADSORPTION RATIO	01/24/74-05/09/78	4	14	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0123	No	00931	SODIUM ADSORPTION RATIO	09/28/76-05/09/78	1	16	
INDU0124	Yes	00931	SODIUM ADSORPTION RATIO	02/19/80-02/19/80	0	1	
INDU0125	Yes	00931	SODIUM ADSORPTION RATIO	08/31/77-08/31/77	0	1	
INDU0126	Yes	00931	SODIUM ADSORPTION RATIO	08/01/73-07/12/80	6	24	
INDU0127	Yes	00931	SODIUM ADSORPTION RATIO	02/10/77-05/10/78	1	14	
INDU0128	No	00931	SODIUM ADSORPTION RATIO	03/11/77-03/11/77	0	1	
INDU0129	Yes	00931	SODIUM ADSORPTION RATIO	06/28/77-05/10/78	0	10	
INDU0130	No	00931	SODIUM ADSORPTION RATIO	02/11/77-05/09/78	1	13	
INDU0131	Yes	00931	SODIUM ADSORPTION RATIO	04/14/77-01/17/78	0	9	
INDU0133	Yes	00931	SODIUM ADSORPTION RATIO	06/29/77-04/06/78	0	3	
INDU0134	Yes	00931	SODIUM ADSORPTION RATIO	03/10/77-05/09/78	1	19	
INDU0135	Yes	00931	SODIUM ADSORPTION RATIO	02/11/77-08/26/81	4	12	
INDU0136	No	00931	SODIUM ADSORPTION RATIO	04/14/77-12/20/77	0	8	
INDU0151	Yes	00931	SODIUM ADSORPTION RATIO	04/18/78-07/11/80	2	14	
INDU0164	No	00931	SODIUM ADSORPTION RATIO	11/17/78-07/11/80	1	3	
INDU0214	Yes	00931	SODIUM ADSORPTION RATIO	08/17/75-08/17/75	0	1	
INDU0216	No	00931	SODIUM ADSORPTION RATIO	11/18/78-07/11/80	1	3	
INDU0230	No	00931	SODIUM ADSORPTION RATIO	11/16/78-07/09/80	1	3	
INDU0236	No	00931	SODIUM ADSORPTION RATIO	11/16/78-07/09/80	1	3	
INDU0002	Yes	00932	SODIUM, PERCENT	04/24/74-04/24/74	0	1	
INDU0003	Yes	00932	SODIUM, PERCENT	06/26/76-08/26/79	3	4	
INDU0004	Yes	00932	SODIUM, PERCENT	08/03/73-06/26/76	2	5	
INDU0005	Yes	00932	SODIUM, PERCENT	10/16/73-01/23/74	0	2	
INDU0027	No	00932	SODIUM, PERCENT	11/15/78-07/11/80	1	3	
INDU0055	Yes	00932	SODIUM, PERCENT	08/02/73-07/11/80	6	9	
INDU0056	Yes	00932	SODIUM, PERCENT	02/03/75-02/03/75	0	1	
INDU0062	No	00932	SODIUM, PERCENT	07/27/77-07/27/77	0	1	
INDU0063	No	00932	SODIUM, PERCENT	08/02/73-07/11/80	6	8	
INDU0065	No	00932	SODIUM, PERCENT	11/30/78-11/30/78	0	1	
INDU0066	No	00932	SODIUM, PERCENT	11/30/78-11/30/78	0	1	
INDU0071	Yes	00932	SODIUM, PERCENT	02/03/75-02/03/75	0	1	
INDU0072	Yes	00932	SODIUM, PERCENT	11/17/78-07/11/80	1	3	
INDU0077	Yes	00932	SODIUM, PERCENT	01/19/77-01/19/77	0	1	
INDU0090	Yes	00932	SODIUM, PERCENT	04/15/77-11/16/77	0	6	
INDU0091	Yes	00932	SODIUM, PERCENT	04/15/77-11/16/77	0	6	
INDU0093	Yes	00932	SODIUM, PERCENT	04/25/74-08/10/78	4	14	
INDU0094	No	00932	SODIUM, PERCENT	08/02/73-07/11/80	6	9	
INDU0096	Yes	00932	SODIUM, PERCENT	04/15/77-05/09/78	1	7	
INDU0097	Yes	00932	SODIUM, PERCENT	04/15/77-05/09/78	1	7	
INDU0098	Yes	00932	SODIUM, PERCENT	08/14/75-08/10/78	2	6	
INDU0099	Yes	00932	SODIUM, PERCENT	07/01/77-10/13/77	0	2	
INDU0100	Yes	00932	SODIUM, PERCENT	07/01/77-04/06/78	0	3	
INDU0101	No	00932	SODIUM, PERCENT	09/28/76-05/10/78	1	10	
INDU0102	No	00932	SODIUM, PERCENT	09/28/76-05/10/78	1	16	
INDU0103	No	00932	SODIUM, PERCENT	08/02/73-08/25/79	6	12	
INDU0105	Yes	00932	SODIUM, PERCENT	04/13/77-08/25/81	4	18	
INDU0106	Yes	00932	SODIUM, PERCENT	07/01/77-04/06/78	0	3	
INDU0107	Yes	00932	SODIUM, PERCENT	08/31/77-08/31/77	0	1	
INDU0108	Yes	00932	SODIUM, PERCENT	08/31/77-08/31/77	0	1	
INDU0109	Yes	00932	SODIUM, PERCENT	08/31/77-08/31/77	0	1	
INDU0111	Yes	00932	SODIUM, PERCENT	07/01/77-04/06/78	0	3	
INDU0112	Yes	00932	SODIUM, PERCENT	01/24/74-04/05/78	4	13	
INDU0113	No	00932	SODIUM, PERCENT	03/11/77-08/30/77	0	4	
INDU0114	No	00932	SODIUM, PERCENT	06/28/77-05/09/78	0	7	
INDU0115	No	00932	SODIUM, PERCENT	04/15/77-05/09/78	1	11	
INDU0116	No	00932	SODIUM, PERCENT	04/15/77-08/26/81	4	15	
INDU0117	Yes	00932	SODIUM, PERCENT	10/13/77-04/06/78	0	2	
INDU0118	Yes	00932	SODIUM, PERCENT	09/29/76-04/05/78	1	5	
INDU0119	Yes	00932	SODIUM, PERCENT	06/29/77-04/06/78	0	3	
INDU0120	Yes	00932	SODIUM, PERCENT	06/29/77-10/12/77	0	2	
INDU0121	Yes	00932	SODIUM, PERCENT	08/31/77-08/31/77	0	1	
INDU0122	No	00932	SODIUM, PERCENT	01/24/74-05/09/78	4	14	
INDU0123	No	00932	SODIUM, PERCENT	09/28/76-05/09/78	1	16	
INDU0124	Yes	00932	SODIUM, PERCENT	02/19/80-02/19/80	0	1	
INDU0125	Yes	00932	SODIUM, PERCENT	08/31/77-08/31/77	0	1	
INDU0126	Yes	00932	SODIUM, PERCENT	08/01/73-07/12/80	6	24	
INDU0127	Yes	00932	SODIUM, PERCENT	02/10/77-05/10/78	1	14	
INDU0128	No	00932	SODIUM, PERCENT	03/11/77-03/11/77	0	1	
INDU0129	Yes	00932	SODIUM, PERCENT	06/28/77-05/10/78	0	10	
INDU0130	No	00932	SODIUM, PERCENT	02/11/77-05/09/78	1	13	
INDU0131	Yes	00932	SODIUM, PERCENT	04/14/77-01/17/78	0	9	
INDU0133	Yes	00932	SODIUM, PERCENT	06/29/77-04/06/78	0	3	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots
INDU0134	Yes	00932	SODIUM, PERCENT	03/10/77-05/09/78	1	19	
INDU0135	Yes	00932	SODIUM, PERCENT	02/11/77-08/26/81	4	12	
INDU0136	No	00932	SODIUM, PERCENT	04/14/77-12/20/77	0	8	
INDU0151	Yes	00932	SODIUM, PERCENT	04/18/78-07/11/80	2	14	
INDU0164	No	00932	SODIUM, PERCENT	11/17/78-07/11/80	1	3	
INDU0214	Yes	00932	SODIUM, PERCENT	07/31/73-08/17/75	2	2	
INDU0216	No	00932	SODIUM, PERCENT	11/18/78-07/11/80	1	3	
INDU0230	No	00932	SODIUM, PERCENT	11/16/78-07/09/80	1	3	
INDU0236	No	00932	SODIUM, PERCENT	11/16/78-07/09/80	1	3	
INDU0003	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/26/79-08/26/79	0	1	
INDU0027	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/26/79-08/26/79	0	1	
INDU0055	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/26/79-08/26/79	0	1	
INDU0063	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/26/79-08/26/79	0	1	
INDU0072	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/24/79-08/24/79	0	1	
INDU0094	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/24/79-08/24/79	0	1	
INDU0103	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/25/79-08/25/79	0	1	
INDU0105	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/25/79-08/25/79	0	1	
INDU0126	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/25/79-08/25/79	0	1	
INDU0151	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/24/79-03/12/80	0	7	
INDU0164	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/24/79-08/24/79	0	1	
INDU0216	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/24/79-08/24/79	0	1	
INDU0230	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/23/79-08/23/79	0	1	
INDU0236	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/23/79-08/23/79	0	1	
INDU0176	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	09/23/81-09/23/81	0	3	
INDU0195	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	09/24/81-09/24/81	0	3	
INDU0207	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	09/23/81-09/23/81	0	3	
INDU0229	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	12/04/80-12/04/80	0	2	
INDU0323	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	12/04/80-12/04/80	0	2	
INDU0333	No	00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	12/04/80-12/04/80	0	1	
INDU0002	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/24/74-04/24/74	0	1	
INDU0003	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/26/76-08/26/79	3	4	
INDU0004	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/73-06/26/76	2	5	
INDU0005	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/16/73-01/23/74	0	2	
INDU0027	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/15/78-07/11/80	1	3	
INDU0055	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/73-07/11/80	6	9	
INDU0056	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/03/75-02/03/75	0	1	
INDU0062	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/77-07/27/77	0	1	
INDU0063	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/73-07/11/80	6	8	
INDU0065	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/30/78-11/30/78	0	1	
INDU0066	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/30/78-11/30/78	0	1	
INDU0068	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/02/62-09/02/62	0	2	
INDU0071	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/03/75-02/03/75	0	1	
INDU0072	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/17/78-07/11/80	1	3	
INDU0075	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/14/85-03/14/85	0	1	
INDU0077	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/19/77-01/19/77	0	1	
INDU0086	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/62-08/31/62	0	2	
INDU0090	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/77-11/16/77	0	6	
INDU0091	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/77-11/16/77	0	6	
INDU0093	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/25/74-08/10/78	4	14	
INDU0094	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/73-07/11/80	6	9	
INDU0096	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/77-05/09/78	1	7	
INDU0097	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/77-05/09/78	1	7	
INDU0098	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/75-08/10/78	2	6	
INDU0099	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/77-10/13/77	0	2	
INDU0100	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/77-04/06/78	0	3	
INDU0101	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/28/76-05/10/78	1	10	
INDU0102	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/17/77-05/10/78	1	15	
INDU0103	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/73-08/25/79	6	12	
INDU0104	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/77-08/19/77	0	1	
INDU0105	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/13/77-08/25/81	4	18	
INDU0106	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/77-04/06/78	0	3	
INDU0107	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/77-08/31/77	0	1	
INDU0109	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/77-08/31/77	0	1	
INDU0111	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/77-04/06/78	0	3	
INDU0112	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/24/74-04/05/78	4	13	
INDU0113	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/77-08/30/77	0	4	
INDU0114	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/28/77-05/09/78	0	7	
INDU0115	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/77-05/09/78	1	11	
INDU0116	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/77-08/26/81	4	15	
INDU0117	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/13/77-04/06/78	0	2	
INDU0118	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/76-04/05/78	1	5	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0119	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/29/77-04/06/78	0	3	
INDU0120	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/29/77-10/12/77	0	2	
INDU0121	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/77-08/31/77	0	1	
INDU0122	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/24/74-05/09/78	4	14	
INDU0123	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/28/76-05/09/78	1	16	
INDU0124	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/19/80-02/19/80	0	1	
INDU0125	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/01/73-07/12/80	6	24	
INDU0127	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/10/77-05/10/78	1	14	
INDU0128	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/77-03/11/77	0	1	
INDU0129	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/28/77-05/10/78	0	10	
INDU0130	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/11/77-05/09/78	1	13	
INDU0131	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/14/77-01/17/78	0	9	
INDU0133	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/29/77-04/06/78	0	3	
INDU0134	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/10/77-05/09/78	1	19	
INDU0135	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/11/77-08/26/81	4	12	
INDU0136	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/14/77-12/20/77	0	8	
INDU0151	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/18/78-07/11/80	2	14	
INDU0157	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/62-08/31/62	0	2	
INDU0164	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/17/78-07/11/80	1	3	
INDU0191	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/19/89-09/19/89	0	2	
INDU0214	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/73-08/17/75	2	2	
INDU0216	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/18/78-07/11/80	1	3	
INDU0230	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/16/78-07/09/80	1	3	
INDU0236	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/16/78-07/09/80	1	3	
INDU0237	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/62-08/31/62	0	2	
INDU0240	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/63-09/18/63	0	9	
INDU0251	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/63-09/18/63	0	9	
INDU0270	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/19/89-09/19/89	0	2	
INDU0273	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/63-09/11/63	0	8	
INDU0278	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/63-09/18/63	0	9	
INDU0285	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/63-09/18/63	0	10	
INDU0292	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/63-09/18/63	0	9	
INDU0298	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/62-01/01/69	6	11	
INDU0302	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/63-09/18/63	0	9	
INDU0009	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/12/71-11/19/85	14	89	
INDU0028	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/03/75-02/03/75	0	1	
INDU0030	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/18/73-11/19/85	12	51	
INDU0104	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/01/77-07/01/77	0	1	
INDU0124	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	04/20/77-06/28/77	0	2	
INDU0169	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/20/74-12/08/76	2	35	
INDU0179	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/28/81-12/18/85	4	53	
INDU0184	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/13/71-09/26/84	13	96	
INDU0191	No	00937	POTASSIUM, TOTAL MG/L AS K)	04/19/89-09/19/89	0	2	
INDU0208	No	00937	POTASSIUM, TOTAL MG/L AS K)	02/20/74-11/09/76	2	33	
INDU0269	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/07/77-07/07/77	0	1	
INDU0270	No	00937	POTASSIUM, TOTAL MG/L AS K)	04/19/89-09/19/89	0	2	
INDU0328	No	00937	POTASSIUM, TOTAL MG/L AS K)	04/24/70-04/29/70	0	2	
INDU0331	No	00937	POTASSIUM, TOTAL MG/L AS K)	01/14/69-11/09/76	7	80	
INDU0176	No	00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/23/81-09/23/81	0	3	
INDU0195	No	00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/24/81-09/24/81	0	3	
INDU0207	No	00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/23/81-09/23/81	0	3	
INDU0002	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/24/74-08/09/78	4	10	
INDU0003	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/26/76-08/26/79	3	4	
INDU0004	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/73-08/26/79	6	9	
INDU0005	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/73-05/17/77	3	4	
INDU0006	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/12/62-04/12/62	0	1	
INDU0009	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	22	156	T,S
INDU0011	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/17/59-12/17/59	0	1	
INDU0012	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/17/59-12/17/59	0	1	
INDU0015	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/55-12/17/59	4	2	
INDU0016	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/17/59-12/17/59	0	1	
INDU0027	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/15/78-07/11/80	1	3	
INDU0028	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/03/75-02/03/75	0	1	
INDU0030	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	19	201	
INDU0034	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/57-05/24/57	0	1	
INDU0035	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/26/62-04/26/62	0	1	
INDU0038	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/57-05/24/57	0	1	
INDU0040	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/08/80-09/23/81	1	19	
INDU0041	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/80-10/15/80	0	8	
INDU0042	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/30/57-08/30/57	0	1	
INDU0050	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/08/80-04/08/80	0	3	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0051	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/12/62-04/12/62	0	1	
INDU0052	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-07/20/81	1	6	
INDU0053	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/08/80-09/23/81	1	16	
INDU0055	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/73-07/11/80	6	9	
INDU0056	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/03/75-02/03/75	0	1	
INDU0057	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/77-09/24/77	0	5	
INDU0059	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/11/62-04/11/62	0	1	
INDU0060	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/11/62-04/11/62	0	1	
INDU0061	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/18/81-09/23/81	0	8	
INDU0062	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/77-07/27/77	0	1	
INDU0063	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/73-07/11/80	6	8	
INDU0064	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/77-09/24/77	0	8	
INDU0065	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/30/78-11/30/78	0	1	
INDU0066	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/30/78-11/30/78	0	1	
INDU0068	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/02/62-09/02/62	0	2	
INDU0069	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-09/23/81	1	8	
INDU0070	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/15/80-10/15/80	0	2	
INDU0071	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/03/75-02/03/75	0	1	
INDU0072	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	11/17/78-07/11/80	1	3	
INDU0073	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/81-09/23/81	0	2	
INDU0075	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/14/85-03/14/85	0	1	
INDU0077	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/19/77-01/19/77	0	1	
INDU0078	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/21/80-07/21/80	0	3	
INDU0079	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/21/80-09/23/81	1	4	
INDU0080	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/77-09/24/77	0	7	
INDU0082	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/77-09/24/77	0	8	
INDU0083	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/80-06/23/80	0	2	
INDU0084	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-09/17/80	0	6	
INDU0086	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/62-08/31/62	0	2	
INDU0089	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/17/80-09/17/80	0	2	
INDU0090	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/15/77-11/16/77	0	6	
INDU0091	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/15/77-11/16/77	0	6	
INDU0093	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/25/74-08/10/78	4	14	
INDU0094	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/73-07/11/80	6	9	
INDU0096	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/15/77-05/09/78	1	7	
INDU0097	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/15/77-05/09/78	1	7	
INDU0098	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/75-08/10/78	2	6	
INDU0099	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/01/77-10/13/77	0	2	
INDU0100	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/01/77-04/06/78	0	3	
INDU0101	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/28/76-05/10/78	1	10	
INDU0102	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/17/77-05/10/78	1	15	
INDU0103	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/73-08/25/79	6	12	
INDU0104	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/01/77-11/23/77	0	4	
INDU0105	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/13/77-08/25/81	4	18	
INDU0106	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/01/77-04/06/78	0	3	
INDU0107	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/77-08/31/77	0	1	
INDU0108	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/77-08/31/77	0	1	
INDU0109	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/77-08/31/77	0	1	
INDU0110	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/81-09/23/81	0	2	
INDU0111	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/01/77-04/06/78	0	3	
INDU0112	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/74-04/05/78	4	13	
INDU0113	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/11/77-08/30/77	0	4	
INDU0114	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/28/77-05/09/78	0	7	
INDU0115	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/15/77-05/09/78	1	11	
INDU0116	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/15/77-08/26/81	4	15	
INDU0117	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/29/77-04/06/78	0	3	
INDU0118	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/76-04/05/78	1	5	
INDU0119	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/29/77-04/06/78	0	3	
INDU0120	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/29/77-10/12/77	0	2	
INDU0121	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/77-08/31/77	0	1	
INDU0122	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/74-05/09/78	4	14	
INDU0123	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/28/76-05/09/78	1	16	
INDU0124	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/20/77-02/19/80	2	5	
INDU0125	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/77-08/31/77	0	1	
INDU0126	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/73-07/12/80	6	24	
INDU0127	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/10/77-05/10/78	1	14	
INDU0128	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/11/77-03/11/77	0	1	
INDU0129	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/28/77-05/10/78	0	10	
INDU0130	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/11/77-05/09/78	1	13	
INDU0131	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/14/77-01/17/78	0	9	
INDU0133	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/29/77-04/06/78	0	3	
INDU0134	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/77-05/09/78	1	19	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0135	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/11/77-08/26/81	4	12	
INDU0136	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/14/77-12/20/77	0	8	
INDU0140	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	14	190	
INDU0141	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/80-06/23/80	0	2	
INDU0142	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/09/63	0	10	
INDU0144	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/02/72-05/31/73	0	261	
INDU0145	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/72-05/31/73	0	262	
INDU0146	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-10/20/81	1	13	
INDU0147	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/72-05/31/73	0	266	
INDU0148	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/72-05/31/73	0	252	
INDU0149	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/80-10/20/81	1	21	
INDU0150	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/09/63	0	10	
INDU0151	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/78-07/11/80	2	14	
INDU0153	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/09/63	0	12	
INDU0155	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/18/80-06/25/81	0	7	
INDU0157	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/62-10/20/62	0	3	
INDU0161	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/09/63	0	10	
INDU0164	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/17/78-07/11/80	1	3	
INDU0165	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-04/09/80	0	2	
INDU0169	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	26	285	T,S
INDU0179	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	26	311	T,S
INDU0184	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	19	334	
INDU0190	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/11/78-12/16/91	13	93	
INDU0191	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/81-09/19/89	8	4	
INDU0193	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/77-09/24/77	0	8	
INDU0196	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/19/63	0	10	
INDU0199	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/77-09/24/77	0	8	
INDU0200	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/19/63	0	11	
INDU0201	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-07/22/81	1	11	
INDU0202	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/25/80-09/16/80	0	4	
INDU0203	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-10/20/81	1	6	
INDU0204	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/19/63	0	11	
INDU0208	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	26	262	S
INDU0210	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/25/80-06/25/80	0	2	
INDU0211	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-07/22/81	1	14	
INDU0212	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/21/80-06/02/81	0	6	
INDU0213	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/19/63	0	9	
INDU0214	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/73-08/17/75	2	2	
INDU0216	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/18/78-07/11/80	1	3	
INDU0217	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/81-10/20/81	0	3	
INDU0218	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-07/22/81	1	13	
INDU0219	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/19/63	0	9	
INDU0221	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/13/59-10/13/59	0	1	
INDU0222	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-05/20/80	0	2	
INDU0223	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/81-06/02/81	0	2	
INDU0226	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-06/25/81	1	4	
INDU0227	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/80-06/02/81	0	6	
INDU0228	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/13/59-10/13/59	0	1	
INDU0230	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/78-07/09/80	1	3	
INDU0232	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/18/63	0	9	
INDU0234	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/22/80-07/22/81	1	7	
INDU0235	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-10/20/81	1	14	
INDU0236	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/78-07/09/80	1	3	
INDU0237	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/62-10/19/62	0	3	
INDU0240	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/18/63	0	9	
INDU0241	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-10/20/81	1	9	
INDU0242	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/25/80-07/22/81	1	10	
INDU0243	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	
INDU0244	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	
INDU0245	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/18/63	0	10	
INDU0251	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/18/63	0	9	
INDU0261	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	
INDU0263	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	
INDU0267	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	
INDU0268	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-07/22/81	1	8	
INDU0270	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/19/89-09/19/89	0	2	
INDU0271	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/11/78-12/16/91	13	95	
INDU0273	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/11/63	0	9	
INDU0278	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/18/63	0	10	
INDU0279	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/77-09/24/77	0	8	
INDU0281	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	
INDU0283	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0284	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	
INDU0285	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/18/63	0	11	
INDU0286	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	
INDU0292	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/18/63	0	9	
INDU0293	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/30/41-09/30/41	0	1	
INDU0294	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-10/20/81	1	24	
INDU0295	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-06/24/81	1	7	
INDU0296	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	
INDU0297	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/80-10/20/81	1	5	
INDU0298	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	10	374	
INDU0299	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	
INDU0300	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	
INDU0301	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	
INDU0302	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/18/63	0	9	
INDU0304	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	
INDU0307	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/12/59-10/12/59	0	1	
INDU0308	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/29/35-04/29/35	0	1	
INDU0310	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/13/61-12/13/61	0	1	
INDU0311	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/22/80-08/26/80	0	4	
INDU0313	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/12/59-10/12/59	0	1	
INDU0314	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/12/59-10/12/59	0	1	
INDU0316	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/13/59-10/13/59	0	1	
INDU0320	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	
INDU0321	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/17/91-04/17/91	0	1	
INDU0324	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	
INDU0327	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/13/61-12/13/61	0	1	
INDU0328	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/23/66-01/16/73	6	137	
INDU0329	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	
INDU0331	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	20	261	
INDU0332	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/84-10/03/84	0	1	
INDU0334	No	00940	CHLORIDE,TOTAL IN WATER MG/L	01/22/62-01/22/62	0	1	
INDU0335	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/50-12/20/50	0	1	
INDU0336	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/14/59-10/14/59	0	1	
INDU0337	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/26/56-10/14/59	3	2	
INDU0002	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/24/74-04/24/74	0	1	
INDU0003	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/26/76-08/26/79	3	4	
INDU0004	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/03/73-06/26/76	2	5	
INDU0005	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/16/73-01/23/74	0	2	
INDU0006	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/12/62-04/12/62	0	1	
INDU0009	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	21	131	
INDU0011	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/17/59-12/17/59	0	1	
INDU0012	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/17/59-12/17/59	0	1	
INDU0015	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/01/55-12/17/59	4	2	
INDU0016	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/17/59-12/17/59	0	1	
INDU0027	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/15/78-07/11/80	1	3	
INDU0028	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/03/75-02/03/75	0	1	
INDU0030	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	16	130	
INDU0035	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/26/62-04/26/62	0	1	
INDU0040	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/08/80-09/23/81	1	19	
INDU0041	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/80-10/15/80	0	8	
INDU0050	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/08/80-04/08/80	0	3	
INDU0051	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/12/62-04/12/62	0	1	
INDU0052	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/80-07/20/81	1	6	
INDU0053	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/08/80-09/23/81	1	16	
INDU0055	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/73-07/11/80	6	9	
INDU0056	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/03/75-02/03/75	0	1	
INDU0057	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/77-09/24/77	0	4	
INDU0059	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/11/62-04/11/62	0	1	
INDU0060	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/11/62-04/11/62	0	1	
INDU0061	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/18/81-09/23/81	0	8	
INDU0062	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/77-07/27/77	0	1	
INDU0063	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/73-07/11/80	6	8	
INDU0064	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/77-09/24/77	0	6	
INDU0065	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/30/78-11/30/78	0	1	
INDU0066	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/30/78-11/30/78	0	1	
INDU0068	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/02/62-09/02/62	0	2	
INDU0069	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/80-09/23/81	1	8	
INDU0070	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/15/80-10/15/80	0	2	
INDU0071	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/03/75-02/03/75	0	1	
INDU0072	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/78-07/11/80	1	3	
INDU0073	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/81-09/23/81	0	2	
INDU0075	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/14/85-03/14/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0077	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/19/77-01/19/77	0	1	
INDU0078	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/21/80-07/21/80	0	3	
INDU0079	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/21/80-09/23/81	1	4	
INDU0080	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/77-09/24/77	0	5	
INDU0082	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/77-09/24/77	0	6	
INDU0083	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/80-06/23/80	0	2	
INDU0084	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/80-09/17/80	0	6	
INDU0086	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/62-08/31/62	0	2	
INDU0089	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/17/80-09/17/80	0	2	
INDU0090	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/15/77-11/16/77	0	6	
INDU0091	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/15/77-11/16/77	0	6	
INDU0093	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/25/74-08/10/78	4	14	
INDU0094	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/73-07/11/80	6	9	
INDU0096	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/15/77-05/09/78	1	7	
INDU0097	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/15/77-05/09/78	1	7	
INDU0098	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/14/75-08/10/78	2	6	
INDU0099	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/01/77-10/13/77	0	2	
INDU0100	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/01/77-04/06/78	0	3	
INDU0101	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/28/76-05/10/78	1	10	
INDU0102	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/17/77-05/10/78	1	15	
INDU0103	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/73-08/25/79	6	12	
INDU0104	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/01/77-11/23/77	0	4	
INDU0105	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/13/77-08/25/81	4	18	
INDU0106	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/01/77-04/06/78	0	3	
INDU0107	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/77-08/31/77	0	1	
INDU0109	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/77-08/31/77	0	1	
INDU0110	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/81-09/23/81	0	2	
INDU0111	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/01/77-04/06/78	0	3	
INDU0112	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/74-04/05/78	4	13	
INDU0113	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/11/77-08/30/77	0	4	
INDU0114	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/28/77-05/09/78	0	7	
INDU0115	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/15/77-05/09/78	1	12	
INDU0116	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/15/77-08/26/81	4	15	
INDU0117	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/29/77-04/06/78	0	3	
INDU0118	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/29/76-04/05/78	1	5	
INDU0119	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/29/77-04/06/78	0	3	
INDU0120	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/29/76-10/12/77	1	3	
INDU0121	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/77-08/31/77	0	1	
INDU0122	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/74-05/09/78	4	14	
INDU0123	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/28/76-05/09/78	1	16	
INDU0124	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/77-02/19/80	2	5	
INDU0125	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/73-07/12/80	6	24	
INDU0127	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/29/76-05/10/78	1	15	
INDU0128	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/11/77-03/11/77	0	1	
INDU0129	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/28/77-05/10/78	0	10	
INDU0130	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/11/77-05/09/78	1	13	
INDU0131	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/14/77-01/17/78	0	9	
INDU0133	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/29/77-04/06/78	0	3	
INDU0134	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/10/77-05/09/78	1	19	
INDU0135	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/11/77-08/26/81	4	12	
INDU0136	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/14/77-12/20/77	0	8	
INDU0140	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	12	149	
INDU0141	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/80-06/23/80	0	2	
INDU0142	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/63-09/09/63	0	10	
INDU0144	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/02/72-05/31/73	0	261	
INDU0146	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/09/80-10/20/81	1	13	
INDU0147	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/72-05/31/73	0	266	
INDU0148	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/72-05/31/73	0	252	
INDU0149	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/19/80-10/20/81	1	21	
INDU0150	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/63-09/09/63	0	10	
INDU0151	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/18/78-07/11/80	2	14	
INDU0153	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/63-09/09/63	0	11	
INDU0155	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/18/80-06/25/81	0	7	
INDU0157	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/62-10/20/62	0	3	
INDU0161	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/63-09/09/63	0	10	
INDU0164	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/78-07/11/80	1	3	
INDU0165	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/09/80-04/09/80	0	2	
INDU0169	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	18	231	
INDU0173	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/02/72-05/31/73	1	476	
INDU0179	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	25	224	T,S

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0184	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	13	180	
INDU0190	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/11/78-12/16/91	13	93	
INDU0191	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/81-09/19/89	8	4	
INDU0193	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/77-09/24/77	0	6	
INDU0196	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/63-09/19/63	0	10	
INDU0199	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/77-09/24/77	0	6	
INDU0200	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/63-09/19/63	0	11	
INDU0201	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/09/80-07/22/81	1	11	
INDU0202	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/25/80-09/16/80	0	4	
INDU0203	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/80-10/20/81	1	6	
INDU0204	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/63-09/19/63	0	11	
INDU0208	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	18	206	
INDU0210	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/25/80-06/25/80	0	2	
INDU0211	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/09/80-07/22/81	1	14	
INDU0212	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/21/80-06/02/81	0	6	
INDU0213	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/63-09/19/63	0	3	
INDU0214	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/31/73-08/17/75	2	2	
INDU0216	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/18/78-07/11/80	1	3	
INDU0217	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/20/81-10/20/81	0	3	
INDU0218	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/80-07/22/81	1	13	
INDU0219	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/63-09/19/63	0	10	
INDU0221	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/59-10/13/59	0	1	
INDU0222	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/80-05/20/80	0	2	
INDU0223	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/02/81-06/02/81	0	2	
INDU0226	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/80-06/25/81	1	4	
INDU0227	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/16/80-06/02/81	0	6	
INDU0228	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/59-10/13/59	0	1	
INDU0230	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/78-07/09/80	1	3	
INDU0232	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/18/63	0	9	
INDU0234	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/22/80-07/22/81	1	7	
INDU0235	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/09/80-10/20/81	1	14	
INDU0236	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/78-07/09/80	1	3	
INDU0237	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/62-10/19/62	0	4	
INDU0240	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/18/63	0	9	
INDU0241	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/80-10/20/81	1	9	
INDU0242	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/25/80-07/22/81	1	10	
INDU0243	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0244	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0245	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/18/63	0	10	
INDU0251	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/18/63	0	9	
INDU0261	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0263	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0267	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0268	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/09/80-07/22/81	1	8	
INDU0270	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/19/89-09/19/89	0	2	
INDU0271	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/11/78-12/16/91	13	95	
INDU0273	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/11/63	0	8	
INDU0278	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/18/63	0	9	
INDU0279	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/77-09/24/77	0	6	
INDU0281	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0283	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0284	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0285	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/18/63	0	11	
INDU0286	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0292	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/18/63	0	9	
INDU0293	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/30/41-09/30/41	0	1	
INDU0294	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/09/80-10/20/81	1	24	
INDU0295	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/09/80-06/24/81	1	7	
INDU0296	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0297	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/16/80-10/20/81	1	5	
INDU0298	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/07/61-06/03/69	8	327	
INDU0299	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0300	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0301	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0302	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/18/63	0	9	
INDU0304	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0307	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/59-10/12/59	0	1	
INDU0310	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/13/61-12/13/61	0	1	
INDU0311	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/22/80-08/26/80	0	4	
INDU0313	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/59-10/12/59	0	1	
INDU0314	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/59-10/12/59	0	1	
INDU0316	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/59-10/13/59	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0320	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0324	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0327	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/13/61-12/13/61	0	1	
INDU0328	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/65-01/16/73	7	234	
INDU0329	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0331	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	18	224	
INDU0332	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-10/03/84	0	1	
INDU0334	No	00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/62-01/22/62	0	1	
INDU0336	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/14/59-10/14/59	0	1	
INDU0337	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/14/59-10/14/59	0	1	
INDU0003	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/19/78-08/26/79	0	2	
INDU0027	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/15/78-07/11/80	1	3	
INDU0055	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/79-07/11/80	0	2	
INDU0063	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/79-07/11/80	0	2	
INDU0065	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/30/78-11/30/78	0	1	
INDU0066	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/30/78-11/30/78	0	1	
INDU0072	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/17/78-07/11/80	1	3	
INDU0077	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/19/77-01/19/77	0	1	
INDU0090	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/15/77-11/16/77	0	6	
INDU0091	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/15/77-11/16/77	0	6	
INDU0093	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/30/77-05/09/78	0	8	
INDU0094	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/17/78-07/11/80	1	3	
INDU0096	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/15/77-05/09/78	1	7	
INDU0097	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/15/77-05/09/78	1	7	
INDU0098	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/01/77-10/13/77	0	3	
INDU0099	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/01/77-10/13/77	0	2	
INDU0100	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/01/77-04/06/78	0	3	
INDU0101	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/28/76-05/10/78	1	10	
INDU0102	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/17/77-05/10/78	1	15	
INDU0103	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/11/77-08/25/79	2	4	
INDU0105	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/13/77-08/25/81	4	18	
INDU0106	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/01/77-04/06/78	0	3	
INDU0107	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/77-08/31/77	0	1	
INDU0109	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/77-08/31/77	0	1	
INDU0111	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/01/77-04/06/78	0	3	
INDU0112	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/76-04/05/78	1	11	
INDU0113	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/11/77-08/30/77	0	4	
INDU0114	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/28/77-05/09/78	0	7	
INDU0115	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/15/77-05/09/78	1	11	
INDU0116	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/15/77-08/26/81	4	15	
INDU0117	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/29/77-04/06/78	0	3	
INDU0118	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/76-04/05/78	1	5	
INDU0119	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/29/77-04/06/78	0	3	
INDU0120	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/29/77-10/12/77	0	2	
INDU0121	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/77-08/31/77	0	1	
INDU0122	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/11/77-05/09/78	1	10	
INDU0123	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/28/76-05/09/78	1	16	
INDU0124	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/19/80-02/19/80	0	1	
INDU0125	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/28/76-07/12/80	3	19	
INDU0127	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/10/77-05/10/78	1	14	
INDU0128	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/11/77-03/11/77	0	1	
INDU0129	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/28/77-05/10/78	0	10	
INDU0130	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/11/77-05/09/78	1	13	
INDU0131	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/14/77-01/17/78	0	9	
INDU0133	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/29/77-04/06/78	0	3	
INDU0134	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/10/77-05/09/78	1	13	
INDU0135	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/11/77-08/26/81	4	12	
INDU0136	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/14/77-12/20/77	0	8	
INDU0151	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/18/78-07/11/80	2	14	
INDU0164	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/17/78-07/11/80	1	3	
INDU0216	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/18/78-07/11/80	1	3	
INDU0230	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/78-07/09/80	1	3	
INDU0236	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/78-07/09/80	1	3	
INDU0243	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	
INDU0244	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	
INDU0261	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	
INDU0263	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	
INDU0267	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	
INDU0281	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	
INDU0283	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0284	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	
INDU0286	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	
INDU0296	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	
INDU0298	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/62-01/01/69	6	11	
INDU0299	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	
INDU0300	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	
INDU0301	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	
INDU0304	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	
INDU0320	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	
INDU0324	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	
INDU0329	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	
INDU0332	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/84-10/03/84	0	1	
INDU0009	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/12/71-11/19/85	14	90	
INDU0028	No	00951	FLUORIDE, TOTAL (MG/L AS F)	02/03/75-02/03/75	0	1	
INDU0030	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/18/73-07/28/92	19	121	
INDU0144	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/02/72-05/31/73	0	261	
INDU0145	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/01/72-05/31/73	0	262	
INDU0147	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/01/72-05/31/73	0	266	
INDU0148	No	00951	FLUORIDE, TOTAL (MG/L AS F)	09/01/72-05/31/73	0	252	
INDU0169	No	00951	FLUORIDE, TOTAL (MG/L AS F)	02/20/74-12/08/76	2	35	
INDU0173	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/02/72-05/31/73	1	477	
INDU0179	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	11	132	
INDU0184	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/13/71-09/26/84	13	96	
INDU0191	No	00951	FLUORIDE, TOTAL (MG/L AS F)	04/19/89-09/19/89	0	2	
INDU0208	No	00951	FLUORIDE, TOTAL (MG/L AS F)	02/20/74-11/09/76	2	33	
INDU0270	No	00951	FLUORIDE, TOTAL (MG/L AS F)	04/19/89-09/19/89	0	2	
INDU0321	No	00951	FLUORIDE, TOTAL (MG/L AS F)	04/17/91-04/17/91	0	1	
INDU0328	No	00951	FLUORIDE, TOTAL (MG/L AS F)	04/24/70-04/29/70	0	2	
INDU0331	No	00951	FLUORIDE, TOTAL (MG/L AS F)	01/04/66-11/09/76	10	106	
INDU0003	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/19/78-08/26/79	0	2	
INDU0009	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-07/28/92	10	97	
INDU0027	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/15/78-07/11/80	1	3	
INDU0030	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/85-07/28/92	7	70	
INDU0055	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/79-07/11/80	0	2	
INDU0057	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/77-09/24/77	0	6	
INDU0063	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/79-07/11/80	0	2	
INDU0064	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/77-09/24/77	0	8	
INDU0065	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/30/78-11/30/78	0	1	
INDU0066	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/30/78-11/30/78	0	1	
INDU0068	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/02/62-09/02/62	0	2	
INDU0072	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/17/78-07/11/80	1	3	
INDU0077	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/19/77-01/19/77	0	1	
INDU0080	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/77-09/24/77	0	7	
INDU0082	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/77-09/24/77	0	7	
INDU0086	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/62-10/20/62	0	3	
INDU0090	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/77-11/16/77	0	6	
INDU0091	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/77-11/16/77	0	6	
INDU0093	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/77-05/09/78	0	8	
INDU0094	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/17/78-07/11/80	1	3	
INDU0096	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/77-05/09/78	1	7	
INDU0097	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/77-05/09/78	1	7	
INDU0098	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/77-10/13/77	0	3	
INDU0099	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/77-10/13/77	0	2	
INDU0100	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/77-04/06/78	0	3	
INDU0101	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/28/76-05/10/78	1	10	
INDU0102	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/17/77-05/10/78	1	15	
INDU0103	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/11/77-08/25/79	2	4	
INDU0104	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/77-11/23/77	0	4	
INDU0105	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/13/77-08/25/81	4	18	
INDU0106	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/77-04/06/78	0	3	
INDU0107	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/77-08/31/77	0	1	
INDU0108	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/77-08/31/77	0	1	
INDU0109	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/77-08/31/77	0	1	
INDU0111	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/77-04/06/78	0	3	
INDU0112	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/29/76-04/05/78	1	11	
INDU0113	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/11/77-08/30/77	0	4	
INDU0114	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/28/77-05/09/78	0	7	
INDU0115	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/77-05/09/78	1	11	
INDU0116	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/77-08/26/81	4	15	
INDU0117	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/29/77-04/06/78	0	3	
INDU0118	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/29/76-04/05/78	1	5	
INDU0119	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/29/77-04/06/78	0	3	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0120	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/29/77-10/12/77	0	2	
INDU0121	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/77-08/31/77	0	1	
INDU0122	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/11/77-05/09/78	1	10	
INDU0123	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/28/76-05/09/78	1	16	
INDU0124	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/20/77-02/19/80	2	5	
INDU0125	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/77-08/31/77	0	1	
INDU0126	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/28/76-07/12/80	3	19	
INDU0127	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/10/77-05/10/78	1	14	
INDU0128	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/11/77-03/11/77	0	1	
INDU0129	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/28/77-05/10/78	0	10	
INDU0130	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/11/77-05/09/78	1	13	
INDU0131	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/14/77-01/17/78	0	9	
INDU0133	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/29/77-04/06/78	0	3	
INDU0134	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/10/77-05/09/78	1	19	
INDU0135	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/11/77-08/26/81	4	12	
INDU0136	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/14/77-12/20/77	0	8	
INDU0151	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/18/78-07/11/80	2	14	
INDU0157	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/62-10/20/62	0	3	
INDU0164	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/17/78-07/11/80	1	3	
INDU0169	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/27/87-06/24/92	5	64	
INDU0179	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-06/24/92	10	105	
INDU0184	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/84-09/26/84	0	1	
INDU0193	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/77-09/24/77	0	8	
INDU0199	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/77-09/24/77	0	8	
INDU0208	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/18/87-05/19/92	5	58	
INDU0216	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/18/78-07/11/80	1	3	
INDU0230	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/16/78-07/09/80	1	3	
INDU0236	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/16/78-07/09/80	1	3	
INDU0237	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/62-10/19/62	0	4	
INDU0251	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/63-08/22/63	0	1	
INDU0273	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/63-09/11/63	0	8	
INDU0278	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/63-09/18/63	0	9	
INDU0279	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/77-09/24/77	0	8	
INDU0285	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/63-09/18/63	0	11	
INDU0292	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/63-09/18/63	0	9	
INDU0302	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/63-09/18/63	0	9	
INDU0321	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/86-07/27/92	6	74	
INDU0009	No	00956	SILICA, TOTAL (MG/L AS SI02)	04/28/87-02/08/89	1	2	
INDU0028	No	00956	SILICA, TOTAL (MG/L AS SI02)	02/03/75-02/03/75	0	1	
INDU0040	No	00956	SILICA, TOTAL (MG/L AS SI02)	04/08/80-09/23/81	1	19	
INDU0041	No	00956	SILICA, TOTAL (MG/L AS SI02)	06/23/80-10/15/80	0	8	
INDU0050	No	00956	SILICA, TOTAL (MG/L AS SI02)	04/08/80-04/08/80	0	3	
INDU0052	No	00956	SILICA, TOTAL (MG/L AS SI02)	05/20/80-07/20/81	1	6	
INDU0053	No	00956	SILICA, TOTAL (MG/L AS SI02)	04/08/80-09/23/81	1	16	
INDU0061	No	00956	SILICA, TOTAL (MG/L AS SI02)	05/18/81-09/23/81	0	8	
INDU0069	No	00956	SILICA, TOTAL (MG/L AS SI02)	05/20/80-09/23/81	1	8	
INDU0070	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/15/80-10/15/80	0	2	
INDU0073	No	00956	SILICA, TOTAL (MG/L AS SI02)	09/23/81-09/23/81	0	2	
INDU0078	No	00956	SILICA, TOTAL (MG/L AS SI02)	07/21/80-07/21/80	0	3	
INDU0079	No	00956	SILICA, TOTAL (MG/L AS SI02)	07/21/80-09/23/81	1	4	
INDU0083	No	00956	SILICA, TOTAL (MG/L AS SI02)	06/23/80-06/23/80	0	2	
INDU0084	No	00956	SILICA, TOTAL (MG/L AS SI02)	05/20/80-09/17/80	0	6	
INDU0089	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	09/17/80-09/17/80	0	2	
INDU0110	No	00956	SILICA, TOTAL (MG/L AS SI02)	09/23/81-09/23/81	0	2	
INDU0141	No	00956	SILICA, TOTAL (MG/L AS SI02)	06/23/80-06/23/80	0	2	
INDU0146	No	00956	SILICA, TOTAL (MG/L AS SI02)	04/09/80-10/20/81	1	13	
INDU0149	No	00956	SILICA, TOTAL (MG/L AS SI02)	05/19/80-10/20/81	1	21	
INDU0155	No	00956	SILICA, TOTAL (MG/L AS SI02)	11/18/80-06/25/81	0	7	
INDU0165	No	00956	SILICA, TOTAL (MG/L AS SI02)	04/09/80-04/09/80	0	2	
INDU0201	No	00956	SILICA, TOTAL (MG/L AS SI02)	04/09/80-07/22/81	1	11	
INDU0202	No	00956	SILICA, TOTAL (MG/L AS SI02)	06/25/80-09/16/80	0	4	
INDU0203	No	00956	SILICA, TOTAL (MG/L AS SI02)	05/20/80-10/20/81	1	6	
INDU0208	No	00956	SILICA, TOTAL (MG/L AS SI02)	07/28/87-09/22/87	0	2	
INDU0210	No	00956	SILICA, TOTAL (MG/L AS SI02)	06/25/80-06/25/80	0	2	
INDU0211	No	00956	SILICA, TOTAL (MG/L AS SI02)	04/09/80-07/22/81	1	14	
INDU0212	No	00956	SILICA, TOTAL (MG/L AS SI02)	07/21/80-06/02/81	0	6	
INDU0217	No	00956	SILICA, TOTAL (MG/L AS SI02)	10/20/81-10/20/81	0	3	
INDU0218	No	00956	SILICA, TOTAL (MG/L AS SI02)	05/20/80-07/22/81	1	13	
INDU0222	No	00956	SILICA, TOTAL (MG/L AS SI02)	05/20/80-05/20/80	0	2	
INDU0223	No	00956	SILICA, TOTAL (MG/L AS SI02)	06/02/81-06/02/81	0	2	
INDU0226	No	00956	SILICA, TOTAL (MG/L AS SI02)	05/20/80-06/25/81	1	4	
INDU0227	No	00956	SILICA, TOTAL (MG/L AS SI02)	09/16/80-06/02/81	0	6	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0234	No	00956	SILICA, TOTAL (MG/L AS SI02)	07/22/80-07/22/81	1	7	
INDU0235	No	00956	SILICA, TOTAL (MG/L AS SI02)	04/09/80-10/20/81	1	14	
INDU0241	No	00956	SILICA, TOTAL (MG/L AS SI02)	05/20/80-10/20/81	1	9	
INDU0242	No	00956	SILICA, TOTAL (MG/L AS SI02)	06/25/80-07/22/81	1	10	
INDU0268	No	00956	SILICA, TOTAL (MG/L AS SI02)	04/09/80-07/22/81	1	8	
INDU0294	No	00956	SILICA, TOTAL (MG/L AS SI02)	04/09/80-10/20/81	1	24	
INDU0295	No	00956	SILICA, TOTAL (MG/L AS SI02)	04/09/80-06/24/81	1	7	
INDU0297	No	00956	SILICA, TOTAL (MG/L AS SI02)	09/16/80-10/20/81	1	5	
INDU0311	No	00956	SILICA, TOTAL (MG/L AS SI02)	07/22/80-08/26/80	0	4	
INDU0009	No	00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	02/23/71-11/02/77	6	48	
INDU0030	No	00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	01/18/73-11/02/77	4	54	
INDU0169	No	00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	02/20/74-11/02/77	3	46	
INDU0184	No	00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/13/71-11/02/77	6	73	
INDU0208	No	00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	02/20/74-11/02/77	3	43	
INDU0331	No	00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/09/69-11/02/77	8	77	
INDU0077	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/19/77-01/19/77	0	1	
INDU0093	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/30/77-05/09/78	0	8	
INDU0096	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/04/78-05/09/78	0	2	
INDU0098	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/01/77-09/01/77	0	2	
INDU0101	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/28/76-05/10/78	1	10	
INDU0102	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/17/77-05/10/78	1	15	
INDU0105	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/13/77-08/25/81	4	15	
INDU0107	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/29/76-08/31/77	0	5	
INDU0113	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/11/77-08/30/77	0	3	
INDU0115	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/15/77-05/09/78	1	11	
INDU0116	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/17/77-08/26/81	4	14	
INDU0118	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/29/76-08/31/77	0	2	
INDU0121	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0122	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/09/78-05/09/78	0	1	
INDU0123	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/28/76-05/09/78	1	13	
INDU0124	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/19/80-04/26/83	3	3	
INDU0125	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/28/76-05/10/78	1	15	
INDU0127	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/12/77-05/10/78	1	12	
INDU0128	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/11/77-03/11/77	0	1	
INDU0129	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/31/77-05/10/78	0	8	
INDU0130	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/11/77-05/09/78	1	10	
INDU0131	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/30/77-11/17/77	0	3	
INDU0134	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/10/77-05/09/78	1	11	
INDU0135	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/11/77-08/26/81	4	11	
INDU0136	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/14/77-11/17/77	0	7	
INDU0151	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/06/78-02/27/80	1	4	
INDU0184	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/27/79-06/27/79	0	1	
INDU0298	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/62-01/01/69	6	12	
INDU0312	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/13/70-10/13/70	0	1	
INDU0328	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/15/71-12/29/71	0	3	
INDU0093	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	09/01/77-09/01/77	0	1	
INDU0102	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	09/01/77-09/01/77	0	1	
INDU0105	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0113	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/30/77-08/30/77	0	1	
INDU0115	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/30/77-08/30/77	0	1	
INDU0116	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0123	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/30/77-08/30/77	0	1	
INDU0125	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/30/77-08/30/77	0	1	
INDU0136	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/30/77-08/30/77	0	1	
INDU0151	Yes	01001	ARSENIC, SUSPENDED (UG/L AS AS)	11/15/79-02/27/80	0	2	
INDU0009	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/28/92	11	62	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0028	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/03/75-02/03/75	0	1	
INDU0030	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	14	144	
INDU0040	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-09/23/81	1	15	
INDU0041	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/17/80-09/17/80	0	3	
INDU0052	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-07/20/81	1	4	
INDU0053	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/21/80-09/23/81	1	11	
INDU0061	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/18/81-09/23/81	0	8	
INDU0065	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/78-11/30/78	0	1	
INDU0069	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-09/23/81	1	5	
INDU0073	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/23/81-09/23/81	0	2	
INDU0078	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/21/80-07/21/80	0	3	
INDU0079	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/21/80-09/23/81	1	4	
INDU0084	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-09/17/80	0	4	
INDU0089	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	09/17/80-09/17/80	0	2	
INDU0093	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	09/01/77-09/01/77	0	1	
INDU0102	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/01/77-09/01/77	0	1	
INDU0104	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/01/77-11/23/77	0	4	
INDU0105	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0110	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/23/81-09/23/81	0	2	
INDU0112	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0113	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/30/77-08/30/77	0	1	
INDU0115	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/30/77-08/30/77	0	1	
INDU0116	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0123	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/30/77-08/30/77	0	1	
INDU0124	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	04/20/77-10/12/77	0	4	
INDU0125	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	08/30/77-08/30/77	0	1	
INDU0136	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/30/77-08/30/77	0	1	
INDU0140	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-07/27/92	6	70	
INDU0143	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-06/24/92	6	73	
INDU0146	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/18/81-10/20/81	0	6	
INDU0149	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/19/80-10/20/81	1	15	
INDU0151	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	11/06/78-02/27/80	1	3	
INDU0155	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/18/80-06/25/81	0	7	
INDU0169	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/17/85-04/17/85	0	1	
INDU0179	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	11	132	
INDU0184	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/21/78-11/20/84	6	75	
INDU0191	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/19/89-09/19/89	0	2	
INDU0201	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/80-07/22/81	1	6	
INDU0202	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/16/80-09/16/80	0	2	
INDU0203	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-10/20/81	1	6	
INDU0208	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/17/85-04/17/85	0	1	
INDU0211	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-07/22/81	1	10	
INDU0212	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/21/80-06/02/81	0	6	
INDU0217	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/20/81-10/20/81	0	3	
INDU0218	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-07/22/81	1	8	
INDU0222	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-05/20/80	0	2	
INDU0223	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/02/81-06/02/81	0	2	
INDU0226	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-06/25/81	1	4	
INDU0227	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/16/80-06/02/81	0	6	
INDU0234	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/80-07/22/81	1	5	
INDU0235	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-10/20/81	1	11	
INDU0241	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-10/20/81	1	6	
INDU0242	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/80-07/22/81	1	7	
INDU0268	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/80-07/22/81	1	6	
INDU0270	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/19/89-09/19/89	0	2	
INDU0294	No	01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-10/20/81	1	16	
INDU0295	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/24/81-06/24/81	0	3	
INDU0297	No	01002	ARSENIC, TOTAL (UG/L AS AS)	09/16/80-10/20/81	1	5	
INDU0311	No	01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/80-07/22/80	0	2	
INDU0321	No	01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/86-07/27/92	6	76	
INDU0328	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/03/67-04/29/70	2	3	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0331	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/17/85-04/17/85	0	1	
INDU0007	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	0	2	
INDU0010	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	0	1	
INDU0021	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	0	1	
INDU0026	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	0	1	
INDU0027	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/15/78-08/26/79	0	2	
INDU0029	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	0	1	
INDU0031	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/09/70-06/09/70	0	1	
INDU0032	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	0	1	
INDU0033	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	0	1	
INDU0036	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	0	1	
INDU0037	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	0	1	
INDU0039	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/09/70-06/09/70	0	1	
INDU0043	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/09/70-06/09/70	0	1	
INDU0046	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/09/70-06/09/70	0	1	
INDU0047	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/09/70-06/09/70	0	1	
INDU0055	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/26/79-08/26/79	0	1	
INDU0063	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/26/79-08/26/79	0	1	
INDU0072	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/17/78-08/24/79	0	2	
INDU0094	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/17/78-08/24/79	0	2	
INDU0101	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/28/76-09/28/76	0	1	
INDU0102	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/13/77-04/13/77	0	1	
INDU0103	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/20/77-07/12/80	3	4	
INDU0105	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/13/77-04/13/77	0	1	
INDU0112	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/29/76-02/11/77	0	2	
INDU0118	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/18/77-05/18/77	0	1	
INDU0123	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/28/76-02/10/77	0	2	
INDU0126	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/28/76-07/12/80	3	5	
INDU0127	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/12/77-04/12/77	0	1	
INDU0130	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	02/11/77-02/11/77	0	1	
INDU0134	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/10/77-03/10/77	0	1	
INDU0151	Yes	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/17/78-08/24/79	0	2	
INDU0156	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/22/75-04/22/75	0	1	
INDU0158	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/22/75-04/22/75	0	1	
INDU0159	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/22/75-04/22/75	0	1	
INDU0162	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/22/75-04/22/75	0	1	
INDU0163	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/22/75-04/22/75	0	1	
INDU0164	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/17/78-08/24/79	0	2	
INDU0166	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/22/75-04/22/75	0	2	
INDU0167	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/22/75-04/22/75	0	1	
INDU0168	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/22/75-04/22/75	0	1	
INDU0171	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/08/81-07/08/81	0	1	
INDU0174	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/08/81-07/08/81	0	1	
INDU0176	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/23/81-09/23/81	0	3	
INDU0178	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/08/81-07/08/81	0	1	
INDU0182	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/08/81-07/08/81	0	1	
INDU0185	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/08/81-07/08/81	0	1	
INDU0186	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/08/81-07/08/81	0	1	
INDU0189	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/08/81-07/08/81	0	1	
INDU0194	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/28/79-09/03/80	1	3	
INDU0195	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/24/81-09/24/81	0	3	
INDU0207	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/23/81-09/23/81	0	3	
INDU0216	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/18/78-08/24/79	0	2	
INDU0229	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/80-12/04/80	0	2	
INDU0230	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/16/78-08/23/79	0	2	
INDU0236	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/16/78-08/23/79	0	2	
INDU0323	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/80-12/04/80	0	2	
INDU0333	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/80-12/04/80	0	1	
INDU0030	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/11/79-09/25/86	7	10	
INDU0179	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/03/80-09/25/86	6	7	
INDU0184	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/11/79-09/11/79	0	2	
INDU0093	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/30/77-10/11/77	0	2	
INDU0098	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/01/77-09/01/77	0	2	
INDU0101	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/28/76-07/01/77	0	6	
INDU0102	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	02/17/77-10/13/77	0	9	
INDU0105	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/13/77-10/12/77	0	6	
INDU0107	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/29/76-08/31/77	0	5	
INDU0113	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/11/77-08/30/77	0	3	
INDU0115	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/15/77-10/11/77	0	5	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0116	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/17/77-10/11/77	0	5	
INDU0118	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/29/76-08/31/77	0	2	
INDU0121	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0123	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/28/76-10/12/77	1	7	
INDU0125	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/28/76-10/12/77	1	9	
INDU0127	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/12/77-10/12/77	0	6	
INDU0128	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/11/77-03/11/77	0	1	
INDU0129	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/77-10/12/77	0	2	
INDU0130	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	02/11/77-10/12/77	0	4	
INDU0131	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/30/77-08/30/77	0	2	
INDU0134	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/10/77-10/12/77	0	5	
INDU0135	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	02/11/77-10/12/77	0	2	
INDU0136	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/14/77-10/13/77	0	6	
INDU0151	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	11/06/78-02/27/80	1	4	
INDU0191	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/19/89-09/19/89	0	2	
INDU0270	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/19/89-09/19/89	0	2	
INDU0298	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/62-01/01/69	6	12	
INDU0093	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	09/01/77-09/01/77	0	1	
INDU0102	No	01006	BARIUM, SUSPENDED (UG/L AS BA)	09/01/77-09/01/77	0	1	
INDU0105	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0113	No	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/30/77-08/30/77	0	1	
INDU0115	No	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/30/77-08/30/77	0	1	
INDU0116	No	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0123	No	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/30/77-08/30/77	0	1	
INDU0125	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/30/77-08/30/77	0	1	
INDU0136	No	01006	BARIUM, SUSPENDED (UG/L AS BA)	08/30/77-08/30/77	0	1	
INDU0151	Yes	01006	BARIUM, SUSPENDED (UG/L AS BA)	11/06/78-02/27/80	1	3	
INDU0009	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	6	69	
INDU0030	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	6	65	
INDU0040	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-09/23/81	1	15	
INDU0041	No	01007	BARIUM, TOTAL (UG/L AS BA)	09/17/80-09/17/80	0	3	
INDU0052	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-07/20/81	1	4	
INDU0053	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/21/80-09/23/81	1	11	
INDU0061	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/18/81-09/23/81	0	8	
INDU0069	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-09/23/81	1	5	
INDU0073	No	01007	BARIUM, TOTAL (UG/L AS BA)	09/23/81-09/23/81	0	2	
INDU0078	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/21/80-07/21/80	0	3	
INDU0079	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/21/80-09/23/81	1	4	
INDU0084	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-09/17/80	0	4	
INDU0089	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	09/17/80-09/17/80	0	2	
INDU0093	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	09/01/77-09/01/77	0	1	
INDU0102	No	01007	BARIUM, TOTAL (UG/L AS BA)	09/01/77-09/01/77	0	1	
INDU0104	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/01/77-11/23/77	0	4	
INDU0105	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0110	No	01007	BARIUM, TOTAL (UG/L AS BA)	09/23/81-09/23/81	0	2	
INDU0112	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0113	No	01007	BARIUM, TOTAL (UG/L AS BA)	08/30/77-08/30/77	0	1	
INDU0115	No	01007	BARIUM, TOTAL (UG/L AS BA)	08/30/77-08/30/77	0	1	
INDU0116	No	01007	BARIUM, TOTAL (UG/L AS BA)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0123	No	01007	BARIUM, TOTAL (UG/L AS BA)	08/30/77-08/30/77	0	1	
INDU0124	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	04/20/77-10/12/77	0	4	
INDU0125	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0127	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	08/30/77-08/30/77	0	1	
INDU0136	No	01007	BARIUM, TOTAL (UG/L AS BA)	08/30/77-08/30/77	0	1	
INDU0146	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/18/81-10/20/81	0	6	
INDU0149	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/19/80-10/20/81	1	15	
INDU0151	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	11/06/78-02/27/80	1	3	
INDU0155	No	01007	BARIUM, TOTAL (UG/L AS BA)	11/18/80-06/25/81	0	7	
INDU0179	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/27/92	6	74	
INDU0191	No	01007	BARIUM, TOTAL (UG/L AS BA)	04/19/89-09/19/89	0	2	
INDU0201	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/22/80-07/22/81	1	6	
INDU0202	No	01007	BARIUM, TOTAL (UG/L AS BA)	09/16/80-09/16/80	0	2	
INDU0203	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-10/20/81	1	6	
INDU0211	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-07/22/81	1	10	
INDU0212	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/21/80-06/02/81	0	6	
INDU0217	No	01007	BARIUM, TOTAL (UG/L AS BA)	10/20/81-10/20/81	0	3	
INDU0218	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-07/22/81	1	8	
INDU0222	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-05/20/80	0	2	
INDU0223	No	01007	BARIUM, TOTAL (UG/L AS BA)	06/02/81-06/02/81	0	2	
INDU0226	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-06/25/81	1	4	
INDU0227	No	01007	BARIUM, TOTAL (UG/L AS BA)	09/16/80-06/02/81	0	6	
INDU0234	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/22/80-07/22/81	1	5	
INDU0235	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-10/20/81	1	11	
INDU0241	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-10/20/81	1	6	
INDU0242	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/22/80-07/22/81	1	7	
INDU0268	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/22/80-07/22/81	1	6	
INDU0270	No	01007	BARIUM, TOTAL (UG/L AS BA)	04/19/89-09/19/89	0	2	
INDU0294	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-10/20/81	1	16	
INDU0295	No	01007	BARIUM, TOTAL (UG/L AS BA)	06/24/81-06/24/81	0	3	
INDU0297	No	01007	BARIUM, TOTAL (UG/L AS BA)	09/16/80-10/20/81	1	5	
INDU0311	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/22/80-07/22/80	0	2	
INDU0321	No	01007	BARIUM, TOTAL (UG/L AS BA)	05/21/86-07/27/92	6	74	
INDU0007	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	0	2	
INDU0010	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	0	1	
INDU0021	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	0	1	
INDU0026	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	0	1	
INDU0029	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	0	1	
INDU0032	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	0	1	
INDU0033	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	0	1	
INDU0036	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	0	1	
INDU0037	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	0	1	
INDU0101	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/28/76-04/13/77	0	2	
INDU0102	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/13/77-04/13/77	0	2	
INDU0103	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/20/77-05/20/77	0	1	
INDU0105	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/13/77-04/13/77	0	1	
INDU0112	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/29/76-02/11/77	0	2	
INDU0118	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/18/77-05/18/77	0	1	
INDU0123	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/28/76-02/10/77	0	2	
INDU0126	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/28/76-04/12/77	0	2	
INDU0127	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/12/77-04/12/77	0	1	
INDU0130	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	02/11/77-02/11/77	0	1	
INDU0134	Yes	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/10/77-03/10/77	0	1	
INDU0156	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/22/75-04/22/75	0	1	
INDU0158	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/22/75-04/22/75	0	1	
INDU0159	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/22/75-04/22/75	0	1	
INDU0162	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/22/75-04/22/75	0	1	
INDU0163	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/22/75-04/22/75	0	1	
INDU0166	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/22/75-04/22/75	0	2	
INDU0167	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/22/75-04/22/75	0	1	
INDU0168	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/22/75-04/22/75	0	1	
INDU0176	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/23/81-09/23/81	0	3	
INDU0195	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/24/81-09/24/81	0	3	
INDU0207	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/23/81-09/23/81	0	3	
INDU0229	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	12/04/80-12/04/80	0	2	
INDU0323	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	12/04/80-12/04/80	0	2	
INDU0333	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	12/04/80-12/04/80	0	1	
INDU0093	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/01/77-09/01/77	0	1	
INDU0101	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/28/76-09/28/76	0	1	
INDU0102	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/28/77-09/01/77	0	2	
INDU0105	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/29/77-08/31/77	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0107	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/29/76-08/31/77	0	2	
INDU0113	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0115	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/30/77-08/30/77	0	2	
INDU0116	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/30/77-08/30/77	0	2	
INDU0118	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/29/76-08/31/77	0	2	
INDU0121	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0123	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/28/76-08/30/77	0	3	
INDU0125	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/28/76-08/31/77	0	3	
INDU0127	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/29/77-08/31/77	0	2	
INDU0129	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0130	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/29/77-07/29/77	0	1	
INDU0131	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/30/77-08/30/77	0	2	
INDU0134	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/29/77-08/30/77	0	2	
INDU0136	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/30/77-08/30/77	0	2	
INDU0191	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	04/19/89-09/19/89	0	2	
INDU0270	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	04/19/89-09/19/89	0	2	
INDU0298	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/01/62-01/01/69	6	12	
INDU0093	Yes	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	09/01/77-09/01/77	0	1	
INDU0102	No	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	09/01/77-09/01/77	0	1	
INDU0105	Yes	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0113	No	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0115	No	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0116	No	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0123	No	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0125	Yes	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0136	No	01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0009	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	03/29/89-07/28/92	3	12	
INDU0093	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/01/77-09/01/77	0	1	
INDU0102	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/01/77-09/01/77	0	1	
INDU0105	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0113	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0115	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0116	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0123	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0125	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0136	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/30/77-08/30/77	0	1	
INDU0179	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	03/29/89-07/27/92	3	13	
INDU0191	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/19/89-09/19/89	0	2	
INDU0270	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/19/89-09/19/89	0	2	
INDU0321	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	03/29/89-07/27/92	3	13	
INDU0101	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/28/76-09/28/76	0	1	
INDU0112	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/29/76-09/29/76	0	1	
INDU0123	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/28/76-09/28/76	0	1	
INDU0126	Yes	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/28/76-09/28/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0176	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/23/81-09/23/81	0	3	
INDU0195	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/24/81-09/24/81	0	3	
INDU0207	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/23/81-09/23/81	0	3	
INDU0229	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	12/04/80-12/04/80	0	2	
INDU0323	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	12/04/80-12/04/80	0	2	
INDU0333	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	12/04/80-12/04/80	0	1	
INDU0055	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/26/79-07/11/80	0	2	
INDU0063	No	01020	BORON, DISSOLVED (UG/L AS B)	08/26/79-07/11/80	0	2	
INDU0065	No	01020	BORON, DISSOLVED (UG/L AS B)	11/30/78-11/30/78	0	1	
INDU0066	No	01020	BORON, DISSOLVED (UG/L AS B)	11/30/78-11/30/78	0	1	
INDU0090	Yes	01020	BORON, DISSOLVED (UG/L AS B)	11/16/77-11/16/77	0	1	
INDU0091	Yes	01020	BORON, DISSOLVED (UG/L AS B)	11/16/77-11/16/77	0	1	
INDU0093	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/30/77-05/09/78	0	8	
INDU0096	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/04/78-05/09/78	0	2	
INDU0097	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/04/78-05/09/78	0	2	
INDU0098	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/01/77-09/01/77	0	1	
INDU0100	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/06/78-04/06/78	0	1	
INDU0101	No	01020	BORON, DISSOLVED (UG/L AS B)	02/17/77-05/10/78	1	9	
INDU0102	No	01020	BORON, DISSOLVED (UG/L AS B)	02/17/77-05/10/78	1	15	
INDU0103	No	01020	BORON, DISSOLVED (UG/L AS B)	08/25/79-08/25/79	0	1	
INDU0105	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/18/77-08/25/81	4	16	
INDU0106	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/06/78-04/06/78	0	1	
INDU0107	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0111	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/06/78-04/06/78	0	1	
INDU0112	Yes	01020	BORON, DISSOLVED (UG/L AS B)	02/11/77-04/05/78	1	6	
INDU0113	No	01020	BORON, DISSOLVED (UG/L AS B)	03/11/77-08/30/77	0	2	
INDU0114	No	01020	BORON, DISSOLVED (UG/L AS B)	11/16/77-05/09/78	0	4	
INDU0115	No	01020	BORON, DISSOLVED (UG/L AS B)	04/15/77-05/09/78	1	11	
INDU0116	No	01020	BORON, DISSOLVED (UG/L AS B)	05/17/77-08/26/81	4	14	
INDU0117	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/06/78-04/06/78	0	1	
INDU0118	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/31/77-04/05/78	0	2	
INDU0119	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/06/78-04/06/78	0	1	
INDU0121	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0122	No	01020	BORON, DISSOLVED (UG/L AS B)	11/16/77-05/09/78	0	6	
INDU0123	No	01020	BORON, DISSOLVED (UG/L AS B)	02/10/77-05/09/78	1	12	
INDU0124	Yes	01020	BORON, DISSOLVED (UG/L AS B)	02/19/80-04/26/83	3	3	
INDU0125	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01020	BORON, DISSOLVED (UG/L AS B)	02/10/77-07/12/80	3	16	
INDU0127	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/12/77-05/10/78	1	12	
INDU0128	No	01020	BORON, DISSOLVED (UG/L AS B)	03/11/77-03/11/77	0	1	
INDU0129	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/31/77-05/10/78	0	8	
INDU0130	No	01020	BORON, DISSOLVED (UG/L AS B)	02/11/77-05/09/78	1	10	
INDU0131	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/30/77-01/17/78	0	5	
INDU0133	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/06/78-04/06/78	0	1	
INDU0134	Yes	01020	BORON, DISSOLVED (UG/L AS B)	03/10/77-05/09/78	1	11	
INDU0135	Yes	01020	BORON, DISSOLVED (UG/L AS B)	02/11/77-08/26/81	4	11	
INDU0136	No	01020	BORON, DISSOLVED (UG/L AS B)	04/14/77-12/20/77	0	8	
INDU0191	No	01020	BORON, DISSOLVED (UG/L AS B)	04/19/89-09/19/89	0	2	
INDU0230	No	01020	BORON, DISSOLVED (UG/L AS B)	08/23/79-08/23/79	0	1	
INDU0236	No	01020	BORON, DISSOLVED (UG/L AS B)	08/23/79-08/23/79	0	1	
INDU0270	No	01020	BORON, DISSOLVED (UG/L AS B)	04/19/89-09/19/89	0	2	
INDU0298	No	01020	BORON, DISSOLVED (UG/L AS B)	10/01/62-01/01/69	6	12	
INDU0093	Yes	01021	BORON, SUSPENDED (UG/L AS B)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01021	BORON, SUSPENDED (UG/L AS B)	09/01/77-09/01/77	0	1	
INDU0102	No	01021	BORON, SUSPENDED (UG/L AS B)	09/01/77-09/01/77	0	1	
INDU0105	Yes	01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0113	No	01021	BORON, SUSPENDED (UG/L AS B)	08/30/77-08/30/77	0	1	
INDU0115	No	01021	BORON, SUSPENDED (UG/L AS B)	08/30/77-08/30/77	0	1	
INDU0116	No	01021	BORON, SUSPENDED (UG/L AS B)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0123	No	01021	BORON, SUSPENDED (UG/L AS B)	08/30/77-08/30/77	0	1	
INDU0125	Yes	01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0131	Yes	01021	BORON, SUSPENDED (UG/L AS B)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01021	BORON, SUSPENDED (UG/L AS B)	08/30/77-08/30/77	0	1	
INDU0136	No	01021	BORON, SUSPENDED (UG/L AS B)	08/30/77-08/30/77	0	1	
INDU0093	Yes	01022	BORON, TOTAL (UG/L AS B)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01022	BORON, TOTAL (UG/L AS B)	09/01/77-09/01/77	0	1	
INDU0102	No	01022	BORON, TOTAL (UG/L AS B)	09/01/77-09/01/77	0	1	
INDU0104	No	01022	BORON, TOTAL (UG/L AS B)	07/01/77-11/23/77	0	4	
INDU0105	Yes	01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0113	No	01022	BORON, TOTAL (UG/L AS B)	08/30/77-08/30/77	0	1	
INDU0115	No	01022	BORON, TOTAL (UG/L AS B)	08/30/77-08/30/77	0	1	
INDU0116	No	01022	BORON, TOTAL (UG/L AS B)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0123	No	01022	BORON, TOTAL (UG/L AS B)	08/30/77-08/30/77	0	1	
INDU0124	Yes	01022	BORON, TOTAL (UG/L AS B)	04/20/77-10/12/77	0	4	
INDU0125	Yes	01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01022	BORON, TOTAL (UG/L AS B)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01022	BORON, TOTAL (UG/L AS B)	08/30/77-08/30/77	0	1	
INDU0136	No	01022	BORON, TOTAL (UG/L AS B)	08/30/77-08/30/77	0	1	
INDU0191	No	01022	BORON, TOTAL (UG/L AS B)	04/19/89-09/19/89	0	2	
INDU0270	No	01022	BORON, TOTAL (UG/L AS B)	04/19/89-09/19/89	0	2	
INDU0103	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	07/12/80-07/12/80	0	1	
INDU0104	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/13/77-11/23/77	0	2	
INDU0124	Yes	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	08/19/77-10/12/77	0	2	
INDU0126	Yes	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	07/12/80-07/12/80	0	1	
INDU0229	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	12/04/80-12/04/80	0	2	
INDU0243	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0244	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0261	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0263	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0267	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0281	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0283	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0284	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0286	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0296	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0299	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0300	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0301	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0304	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0320	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0323	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	12/04/80-12/04/80	0	2	
INDU0324	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0329	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0332	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	10/03/84-10/03/84	0	1	
INDU0333	No	01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	12/04/80-12/04/80	0	1	
INDU0068	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/02/62-09/02/62	0	1	
INDU0077	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/19/77-01/19/77	0	1	
INDU0086	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/62-08/31/62	0	1	
INDU0093	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/30/77-05/09/78	0	8	
INDU0096	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/04/78-05/09/78	0	2	
INDU0098	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/01/77-09/01/77	0	1	
INDU0101	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/28/76-05/10/78	1	10	
INDU0102	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/17/77-05/10/78	1	15	
INDU0105	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/13/77-08/25/81	4	15	
INDU0107	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/29/76-08/31/77	0	5	
INDU0113	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/11/77-08/30/77	0	2	
INDU0115	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/15/77-05/09/78	1	11	
INDU0116	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/17/77-08/26/81	4	14	
INDU0118	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/29/76-08/31/77	0	2	
INDU0121	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0122	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/09/78-05/09/78	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0123	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/28/76-05/09/78	1	13	
INDU0124	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/19/80-04/26/83	3	3	
INDU0125	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/28/76-05/10/78	1	15	
INDU0127	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/12/77-05/10/78	1	12	
INDU0128	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/11/77-03/11/77	0	1	
INDU0129	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/77-05/10/78	0	8	
INDU0130	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/11/77-05/09/78	1	10	
INDU0131	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/30/77-11/17/77	0	3	
INDU0134	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/10/77-05/09/78	1	11	
INDU0135	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/11/77-08/26/81	4	11	
INDU0136	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/14/77-11/17/77	0	7	
INDU0151	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/06/78-02/27/80	1	4	
INDU0157	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/62-08/31/62	0	1	
INDU0184	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/27/79-06/27/79	0	1	
INDU0191	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/19/89-09/19/89	0	2	
INDU0237	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/62-08/31/62	0	1	
INDU0240	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/22/63-09/18/63	0	4	
INDU0251	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/63-09/18/63	0	4	
INDU0270	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/19/89-09/19/89	0	2	
INDU0273	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/22/63-09/08/63	0	4	
INDU0278	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/22/63-09/18/63	0	3	
INDU0285	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/22/63-09/18/63	0	7	
INDU0298	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/62-01/01/69	6	12	
INDU0302	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/22/63-09/05/63	0	2	
INDU0305	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/11/73-07/28/73	0	4	
INDU0312	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/13/70-10/13/70	0	1	
INDU0325	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/11/73-07/28/73	0	4	
INDU0093	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	09/01/77-09/01/77	0	1	
INDU0102	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	09/01/77-09/01/77	0	1	
INDU0105	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0113	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/30/77-08/30/77	0	1	
INDU0115	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/30/77-08/30/77	0	1	
INDU0116	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0123	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/30/77-08/30/77	0	1	
INDU0125	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/30/77-08/30/77	0	1	
INDU0136	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/30/77-08/30/77	0	1	
INDU0151	Yes	01026	CADMIUM, SUSPENDED (UG/L AS CD)	11/06/78-02/27/80	1	3	
INDU0305	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	06/11/73-07/28/73	0	4	
INDU0325	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	06/11/73-07/28/73	0	4	
INDU0009	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	21	113	
INDU0028	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/03/75-02/03/75	0	1	
INDU0030	No	01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	19	197	
INDU0040	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-09/23/81	1	15	
INDU0041	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/17/80-09/17/80	0	3	
INDU0052	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-07/20/81	1	4	
INDU0053	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/21/80-09/23/81	1	11	
INDU0061	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/18/81-09/23/81	0	8	
INDU0065	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/78-11/30/78	0	1	
INDU0069	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-09/23/81	1	5	
INDU0073	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/81-09/23/81	0	2	
INDU0078	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/21/80-07/21/80	0	3	
INDU0079	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/21/80-09/23/81	1	4	
INDU0084	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-09/17/80	0	4	
INDU0089	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/17/80-09/17/80	0	2	
INDU0093	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	09/01/77-09/01/77	0	1	
INDU0102	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/01/77-09/01/77	0	1	
INDU0104	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/01/77-11/23/77	0	4	
INDU0105	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0107	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0110	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/81-09/23/81	0	2	
INDU0112	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0113	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/30/77-08/30/77	0	1	
INDU0115	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/30/77-08/30/77	0	1	
INDU0116	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0123	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/30/77-08/30/77	0	1	
INDU0124	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	04/20/77-10/12/77	0	4	
INDU0125	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	08/30/77-08/30/77	0	1	
INDU0136	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/30/77-08/30/77	0	1	
INDU0146	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/18/81-10/20/81	0	6	
INDU0149	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/19/80-10/20/81	1	15	
INDU0151	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	11/06/78-02/27/80	1	3	
INDU0155	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/80-06/25/81	0	7	
INDU0169	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/20/74-11/02/77	3	46	
INDU0179	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	14	133	
INDU0184	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	13	149	
INDU0191	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/89-09/19/89	0	2	
INDU0201	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/22/80-07/22/81	1	6	
INDU0202	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/16/80-09/16/80	0	2	
INDU0203	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-10/20/81	1	6	
INDU0208	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/20/74-11/02/77	3	43	
INDU0211	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-07/22/81	1	10	
INDU0212	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/21/80-06/02/81	0	6	
INDU0214	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	07/31/73-07/31/73	0	1	
INDU0217	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/20/81-10/20/81	0	3	
INDU0218	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-07/22/81	1	8	
INDU0222	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-05/20/80	0	2	
INDU0223	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/02/81-06/02/81	0	2	
INDU0226	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-06/25/81	1	4	
INDU0227	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/16/80-06/02/81	0	6	
INDU0234	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/22/80-07/22/81	1	5	
INDU0235	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-10/20/81	1	11	
INDU0241	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-10/20/81	1	6	
INDU0242	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/22/80-07/22/81	1	7	
INDU0268	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/22/80-07/22/81	1	6	
INDU0269	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/07/77-07/07/77	0	1	
INDU0270	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/89-09/19/89	0	2	
INDU0294	No	01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-10/20/81	1	16	
INDU0295	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/24/81-06/24/81	0	3	
INDU0297	No	01027	CADMIUM, TOTAL (UG/L AS CD)	09/16/80-10/20/81	1	5	
INDU0311	No	01027	CADMIUM, TOTAL (UG/L AS CD)	07/22/80-07/22/80	0	2	
INDU0321	No	01027	CADMIUM, TOTAL (UG/L AS CD)	12/13/88-07/27/92	3	16	
INDU0328	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/24/70-11/02/72	2	15	
INDU0331	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/25/69-11/02/77	8	80	
INDU0007	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	2	
INDU0010	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0013	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/73-06/22/73	0	2	
INDU0014	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/73-06/22/73	0	2	
INDU0017	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/73-06/22/73	0	2	
INDU0018	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/73-06/22/73	0	2	
INDU0019	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/73-06/22/73	0	2	
INDU0020	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	0	1	
INDU0021	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0022	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/73-06/22/73	0	2	
INDU0023	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/73-06/22/73	0	2	
INDU0024	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	0	1	
INDU0026	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0027	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/15/78-08/26/79	0	2	
INDU0029	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0032	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0033	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0036	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0037	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0055	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/02/73-08/26/79	6	3	
INDU0063	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/26/79-08/26/79	0	1	
INDU0072	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/17/78-08/24/79	0	2	
INDU0093	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/24/76-06/24/76	0	1	
INDU0094	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/02/73-08/24/79	6	6	
INDU0101	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/28/76-04/13/77	0	2	
INDU0102	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/13/77-04/13/77	0	2	
INDU0103	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/12/75-07/12/80	4	7	
INDU0105	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/13/77-04/13/77	0	1	
INDU0112	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/29/76-02/11/77	0	2	
INDU0113	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/12/77-04/12/77	0	1	
INDU0118	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/18/77-05/18/77	0	1	
INDU0123	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/28/76-02/10/77	0	2	
INDU0126	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/01/73-07/12/80	6	6	
INDU0127	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/12/77-04/12/77	0	1	
INDU0130	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/11/77-02/11/77	0	1	
INDU0134	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/10/77-03/10/77	0	1	
INDU0151	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/17/78-08/24/79	0	2	
INDU0156	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0158	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0159	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0162	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0163	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0164	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/17/78-08/24/79	0	2	
INDU0166	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	2	
INDU0167	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0168	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0171	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0172	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/15/79-10/15/79	0	1	
INDU0174	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0176	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/23/81-09/23/81	0	3	
INDU0178	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0182	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0185	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0186	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0189	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0194	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/28/79-09/03/80	1	3	
INDU0195	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/81-09/24/81	0	3	
INDU0206	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/13/79-10/13/79	0	3	
INDU0207	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/23/81-09/23/81	0	3	
INDU0214	Yes	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/27/76-06/27/76	0	1	
INDU0215	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/12/79-10/12/79	0	1	
INDU0216	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/78-08/24/79	0	2	
INDU0220	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/10/79-10/10/79	0	3	
INDU0229	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	0	2	
INDU0230	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/78-08/23/79	0	2	
INDU0236	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/78-08/23/79	0	2	
INDU0239	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	0	1	
INDU0246	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	0	1	
INDU0247	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	0	1	
INDU0248	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	0	1	
INDU0249	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	0	1	
INDU0250	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	0	1	
INDU0254	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	0	1	
INDU0255	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	0	1	
INDU0256	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	0	1	
INDU0257	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	0	1	
INDU0258	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	0	1	
INDU0259	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	0	1	
INDU0260	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	0	1	
INDU0266	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/16/79-10/16/79	0	3	
INDU0275	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/04/79-10/04/79	0	1	
INDU0282	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/08/79-10/08/79	0	1	
INDU0305	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/28/73-07/28/73	0	1	
INDU0322	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/02/79-10/02/79	0	3	
INDU0323	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	0	2	
INDU0330	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/03/79-10/03/79	0	3	
INDU0333	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	0	1	
INDU0007	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	2	
INDU0010	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0021	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0026	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0027	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/15/78-08/26/79	0	2	
INDU0029	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0032	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0033	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0036	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0037	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0055	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/02/73-08/26/79	6	3	
INDU0063	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/26/79-08/26/79	0	1	
INDU0072	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/17/78-08/24/79	0	2	
INDU0093	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/24/76-06/24/76	0	1	
INDU0094	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/02/73-08/24/79	6	5	
INDU0101	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/28/76-09/28/76	0	1	
INDU0103	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/12/75-07/12/80	4	6	
INDU0112	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/29/76-09/29/76	0	1	
INDU0123	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/28/76-09/28/76	0	1	
INDU0126	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/01/73-07/12/80	6	6	
INDU0151	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/17/78-08/24/79	0	2	
INDU0156	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0158	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0159	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0162	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0163	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0164	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/17/78-08/24/79	0	2	
INDU0166	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	2	
INDU0167	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0168	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0171	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0172	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/15/79-10/15/79	0	1	
INDU0174	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0176	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/23/81-09/23/81	0	3	
INDU0178	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0182	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0185	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0186	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0189	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0194	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/28/79-09/03/80	1	3	
INDU0195	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/81-09/24/81	0	3	
INDU0206	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/13/79-10/13/79	0	3	
INDU0207	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/23/81-09/23/81	0	3	
INDU0214	Yes	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/27/76-06/27/76	0	1	
INDU0215	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/12/79-10/12/79	0	1	
INDU0216	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/78-08/24/79	0	2	
INDU0220	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/10/79-10/10/79	0	3	
INDU0229	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	0	2	
INDU0230	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/78-08/23/79	0	2	
INDU0236	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/78-08/23/79	0	2	
INDU0266	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/16/79-10/16/79	0	3	
INDU0275	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/04/79-10/04/79	0	1	
INDU0282	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/08/79-10/08/79	0	1	
INDU0322	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/02/79-10/02/79	0	3	
INDU0323	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	0	2	
INDU0330	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/03/79-10/03/79	0	3	
INDU0333	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	0	1	
INDU0068	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/02/62-09/02/62	0	1	
INDU0077	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/19/77-01/19/77	0	1	
INDU0086	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/62-08/31/62	0	1	
INDU0093	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/01/77-09/01/77	0	1	
INDU0101	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/28/76-09/28/76	0	1	
INDU0102	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/28/77-09/01/77	0	2	
INDU0105	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/29/77-08/31/77	0	2	
INDU0107	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/29/76-08/31/77	0	2	
INDU0113	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0115	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/77-08/30/77	0	2	
INDU0116	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/77-08/30/77	0	2	
INDU0118	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/29/76-08/31/77	0	2	
INDU0121	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0123	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/28/76-08/30/77	0	3	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0125	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/28/76-08/31/77	0	3	
INDU0127	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/29/77-08/31/77	0	2	
INDU0129	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0130	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/29/77-07/29/77	0	1	
INDU0131	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/77-08/30/77	0	2	
INDU0134	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/29/77-08/30/77	0	2	
INDU0136	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/77-08/30/77	0	2	
INDU0151	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/06/78-02/27/80	1	4	
INDU0157	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/62-08/31/62	0	1	
INDU0191	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/19/89-09/19/89	0	2	
INDU0237	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/62-08/31/62	0	1	
INDU0240	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/22/63-09/18/63	0	4	
INDU0251	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/26/63-09/18/63	0	4	
INDU0270	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/19/89-09/19/89	0	2	
INDU0273	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/22/63-09/08/63	0	4	
INDU0278	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/22/63-09/18/63	0	3	
INDU0285	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/22/63-09/18/63	0	7	
INDU0298	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/62-01/01/69	6	12	
INDU0302	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/22/63-09/05/63	0	2	
INDU0331	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/09/69-12/30/69	0	15	
INDU0093	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	09/01/77-09/01/77	0	1	
INDU0102	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	09/01/77-09/01/77	0	1	
INDU0105	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0113	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0115	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0116	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0123	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0125	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0136	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0009	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/12/71-11/19/85	14	79	
INDU0030	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	19	165	
INDU0169	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/20/74-05/25/88	14	36	
INDU0179	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	16	135	
INDU0184	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/13/71-11/20/84	13	105	
INDU0208	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/20/74-11/09/76	2	33	
INDU0243	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0244	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0261	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0263	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0267	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0281	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0283	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0284	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0286	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0296	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0299	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0300	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0301	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0304	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0312	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/13/70-10/13/70	0	1	
INDU0320	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0324	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0331	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/69-10/30/85	16	71	
INDU0332	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0009	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	21	202	
INDU0028	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/03/75-02/03/75	0	1	
INDU0030	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	19	197	
INDU0040	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-09/23/81	1	15	
INDU0041	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/17/80-09/17/80	0	3	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0052	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-07/20/81	1	4	
INDU0053	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/21/80-09/23/81	1	11	
INDU0061	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/18/81-09/23/81	0	8	
INDU0069	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-09/23/81	1	5	
INDU0073	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/23/81-09/23/81	0	2	
INDU0078	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/21/80-07/21/80	0	3	
INDU0079	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/21/80-09/23/81	1	4	
INDU0084	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-09/17/80	0	4	
INDU0089	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/17/80-09/17/80	0	2	
INDU0093	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/01/77-09/01/77	0	1	
INDU0102	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/01/77-09/01/77	0	1	
INDU0104	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/01/77-11/23/77	0	4	
INDU0105	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0110	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/23/81-09/23/81	0	2	
INDU0112	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0113	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0115	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0116	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0123	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0124	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/20/77-10/12/77	0	4	
INDU0125	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0136	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/77-08/30/77	0	1	
INDU0140	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-07/27/92	6	70	
INDU0143	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-06/24/92	6	71	
INDU0144	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/02/72-05/31/73	0	261	
INDU0145	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/01/72-05/31/73	0	262	
INDU0146	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/18/81-10/20/81	0	6	
INDU0147	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/01/72-05/31/73	0	266	
INDU0148	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/01/72-05/31/73	0	252	
INDU0149	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/19/80-10/20/81	1	15	
INDU0155	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/80-06/25/81	0	7	
INDU0169	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	18	208	
INDU0173	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/02/72-05/31/73	1	477	
INDU0179	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	16	133	
INDU0184	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	13	150	
INDU0191	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/89-09/19/89	0	2	
INDU0201	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/22/80-07/22/81	1	6	
INDU0202	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/16/80-09/16/80	0	2	
INDU0203	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-10/20/81	1	6	
INDU0208	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	18	192	
INDU0211	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-07/22/81	1	10	
INDU0212	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/21/80-06/02/81	0	6	
INDU0214	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/31/73-07/31/73	0	1	
INDU0217	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/20/81-10/20/81	0	3	
INDU0218	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-07/22/81	1	8	
INDU0222	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-05/20/80	0	2	
INDU0223	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/02/81-06/02/81	0	2	
INDU0226	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-06/25/81	1	4	
INDU0227	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/16/80-06/02/81	0	6	
INDU0234	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/22/80-07/22/81	1	5	
INDU0235	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-10/20/81	1	11	
INDU0241	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-10/20/81	1	6	
INDU0242	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/22/80-07/22/81	1	7	
INDU0243	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0244	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0261	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0263	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0267	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0268	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/22/80-07/22/81	1	6	
INDU0269	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/07/77-07/07/77	0	1	
INDU0270	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/89-09/19/89	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0281	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0283	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0284	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0286	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0294	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-10/20/81	1	16	
INDU0295	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/24/81-06/24/81	0	3	
INDU0296	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0297	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/16/80-10/20/81	1	5	
INDU0299	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0300	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0301	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0304	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0311	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/22/80-07/22/80	0	2	
INDU0320	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0321	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/15/86-07/27/92	6	77	
INDU0324	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0328	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/24/70-01/11/73	2	17	
INDU0331	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	14	145	
INDU0332	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/03/84-10/03/84	0	1	
INDU0101	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/28/76-09/28/76	0	1	
INDU0102	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/28/77-07/28/77	0	1	
INDU0105	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/29/77-07/29/77	0	1	
INDU0112	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	09/29/76-09/29/76	0	1	
INDU0115	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/30/77-07/30/77	0	1	
INDU0116	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/30/77-07/30/77	0	1	
INDU0118	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	09/29/76-09/29/76	0	1	
INDU0123	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/28/76-07/29/77	0	2	
INDU0126	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	09/28/76-07/29/77	0	2	
INDU0127	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/29/77-07/29/77	0	1	
INDU0130	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/29/77-07/29/77	0	1	
INDU0131	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/30/77-07/30/77	0	1	
INDU0134	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/29/77-07/29/77	0	1	
INDU0136	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/30/77-07/30/77	0	1	
INDU0151	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	11/06/78-02/27/80	1	4	
INDU0191	No	01035	COBALT, DISSOLVED (UG/L AS CO)	04/19/89-09/19/89	0	2	
INDU0270	No	01035	COBALT, DISSOLVED (UG/L AS CO)	04/19/89-09/19/89	0	2	
INDU0298	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/01/62-01/01/69	6	12	
INDU0312	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/13/70-10/13/70	0	1	
INDU0151	Yes	01036	COBALT, SUSPENDED (UG/L AS CO)	11/06/78-02/27/80	1	3	
INDU0104	No	01037	COBALT, TOTAL (UG/L AS CO)	07/01/77-11/23/77	0	4	
INDU0124	Yes	01037	COBALT, TOTAL (UG/L AS CO)	04/20/77-10/12/77	0	4	
INDU0151	Yes	01037	COBALT, TOTAL (UG/L AS CO)	11/06/78-02/27/80	1	3	
INDU0191	No	01037	COBALT, TOTAL (UG/L AS CO)	04/19/89-09/19/89	0	2	
INDU0270	No	01037	COBALT, TOTAL (UG/L AS CO)	04/19/89-09/19/89	0	2	
INDU0027	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/15/78-08/26/79	0	2	
INDU0055	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	08/02/73-08/26/79	6	3	
INDU0063	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	08/26/79-08/26/79	0	1	
INDU0072	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/17/78-08/24/79	0	2	
INDU0093	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/24/76-06/24/76	0	1	
INDU0094	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	08/02/73-08/24/79	6	6	
INDU0101	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	09/28/76-04/13/77	0	2	
INDU0102	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	04/13/77-04/13/77	0	1	
INDU0103	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/12/75-08/25/79	3	5	
INDU0112	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	09/29/76-09/29/76	0	1	
INDU0123	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	09/28/76-09/28/76	0	1	
INDU0126	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	08/01/73-08/25/79	6	5	
INDU0151	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/17/78-08/24/79	0	2	
INDU0164	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/17/78-08/24/79	0	2	
INDU0214	Yes	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/27/76-06/27/76	0	1	
INDU0216	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/18/78-08/24/79	0	2	
INDU0229	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	12/04/80-12/04/80	0	2	
INDU0230	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/16/78-08/23/79	0	2	
INDU0236	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/16/78-08/23/79	0	2	
INDU0323	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	12/04/80-12/04/80	0	2	
INDU0333	No	01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	12/04/80-12/04/80	0	1	
INDU0068	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/02/62-09/02/62	0	1	
INDU0086	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/62-08/31/62	0	1	
INDU0093	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/30/77-05/09/78	0	7	
INDU0096	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	04/04/78-05/09/78	0	2	
INDU0098	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/01/77-09/01/77	0	1	
INDU0101	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/28/76-05/10/78	1	5	
INDU0102	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/28/77-05/10/78	0	8	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0105	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/29/77-05/10/78	0	8	
INDU0107	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/29/76-08/31/77	0	2	
INDU0113	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/30/77-08/30/77	0	1	
INDU0115	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/30/77-05/09/78	0	8	
INDU0116	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/30/77-05/09/78	0	8	
INDU0118	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/29/76-08/31/77	0	2	
INDU0121	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0122	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/09/78-05/09/78	0	1	
INDU0123	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/28/76-05/09/78	1	9	
INDU0125	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/28/76-05/10/78	1	9	
INDU0127	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/29/77-05/10/78	0	8	
INDU0129	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/77-05/10/78	0	7	
INDU0130	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/29/77-05/09/78	0	7	
INDU0131	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/30/77-11/17/77	0	3	
INDU0134	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/29/77-05/09/78	0	8	
INDU0135	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	11/16/77-05/10/78	0	6	
INDU0136	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/30/77-11/17/77	0	3	
INDU0151	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	11/06/78-02/27/80	1	4	
INDU0157	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/62-08/31/62	0	1	
INDU0184	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/27/79-06/27/79	0	1	
INDU0191	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/19/89-09/19/89	0	2	
INDU0237	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/62-08/31/62	0	1	
INDU0240	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/22/63-09/18/63	0	4	
INDU0251	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/63-09/18/63	0	4	
INDU0270	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/19/89-09/19/89	0	2	
INDU0273	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/22/63-09/08/63	0	4	
INDU0278	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/22/63-09/18/63	0	3	
INDU0285	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/22/63-09/18/63	0	7	
INDU0298	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/62-01/01/69	6	12	
INDU0302	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/22/63-09/05/63	0	2	
INDU0093	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	09/01/77-09/01/77	0	1	
INDU0102	No	01041	COPPER, SUSPENDED (UG/L AS CU)	09/01/77-09/01/77	0	1	
INDU0105	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0113	No	01041	COPPER, SUSPENDED (UG/L AS CU)	08/30/77-08/30/77	0	1	
INDU0115	No	01041	COPPER, SUSPENDED (UG/L AS CU)	08/30/77-08/30/77	0	1	
INDU0116	No	01041	COPPER, SUSPENDED (UG/L AS CU)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0123	No	01041	COPPER, SUSPENDED (UG/L AS CU)	08/30/77-08/30/77	0	1	
INDU0125	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	08/30/77-08/30/77	0	1	
INDU0136	No	01041	COPPER, SUSPENDED (UG/L AS CU)	08/30/77-08/30/77	0	1	
INDU0151	Yes	01041	COPPER, SUSPENDED (UG/L AS CU)	11/06/78-02/27/80	1	3	
INDU0009	No	01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	21	113	
INDU0028	No	01042	COPPER, TOTAL (UG/L AS CU)	02/03/75-02/03/75	0	1	
INDU0030	No	01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	19	197	
INDU0040	No	01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-09/23/81	1	15	
INDU0041	No	01042	COPPER, TOTAL (UG/L AS CU)	09/17/80-09/17/80	0	3	
INDU0052	No	01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-07/20/81	1	4	
INDU0053	No	01042	COPPER, TOTAL (UG/L AS CU)	07/21/80-09/23/81	1	11	
INDU0061	No	01042	COPPER, TOTAL (UG/L AS CU)	05/18/81-09/23/81	0	8	
INDU0065	No	01042	COPPER, TOTAL (UG/L AS CU)	11/30/78-11/30/78	0	1	
INDU0069	No	01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-09/23/81	1	5	
INDU0073	No	01042	COPPER, TOTAL (UG/L AS CU)	09/23/81-09/23/81	0	2	
INDU0078	No	01042	COPPER, TOTAL (UG/L AS CU)	07/21/80-07/21/80	0	3	
INDU0079	No	01042	COPPER, TOTAL (UG/L AS CU)	07/21/80-09/23/81	1	4	
INDU0084	No	01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-09/17/80	0	4	
INDU0089	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/17/80-09/17/80	0	2	
INDU0093	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0098	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/01/77-09/01/77	0	1	
INDU0102	No	01042	COPPER, TOTAL (UG/L AS CU)	09/01/77-09/01/77	0	1	
INDU0104	No	01042	COPPER, TOTAL (UG/L AS CU)	07/01/77-11/23/77	0	4	
INDU0105	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0110	No	01042	COPPER, TOTAL (UG/L AS CU)	09/23/81-09/23/81	0	2	
INDU0112	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0113	No	01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	0	1	
INDU0115	No	01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	0	1	
INDU0116	No	01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0123	No	01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	0	1	
INDU0124	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/20/77-10/12/77	0	4	
INDU0125	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	0	1	
INDU0136	No	01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	0	1	
INDU0146	No	01042	COPPER, TOTAL (UG/L AS CU)	05/18/81-10/20/81	0	6	
INDU0149	No	01042	COPPER, TOTAL (UG/L AS CU)	05/19/80-10/20/81	1	15	
INDU0151	Yes	01042	COPPER, TOTAL (UG/L AS CU)	11/06/78-02/27/80	1	3	
INDU0155	No	01042	COPPER, TOTAL (UG/L AS CU)	11/18/80-06/25/81	0	7	
INDU0169	No	01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	11	47	
INDU0179	No	01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	15	133	
INDU0184	No	01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	13	150	
INDU0191	No	01042	COPPER, TOTAL (UG/L AS CU)	04/19/89-09/19/89	0	2	
INDU0201	No	01042	COPPER, TOTAL (UG/L AS CU)	07/22/80-07/22/81	1	6	
INDU0202	No	01042	COPPER, TOTAL (UG/L AS CU)	09/16/80-09/16/80	0	2	
INDU0203	No	01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-10/20/81	1	6	
INDU0208	No	01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	11	44	
INDU0211	No	01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-07/22/81	1	10	
INDU0212	No	01042	COPPER, TOTAL (UG/L AS CU)	07/21/80-06/02/81	0	6	
INDU0214	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/31/73-07/31/73	0	1	
INDU0217	No	01042	COPPER, TOTAL (UG/L AS CU)	10/20/81-10/20/81	0	3	
INDU0218	No	01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-07/22/81	1	8	
INDU0222	No	01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-05/20/80	0	2	
INDU0223	No	01042	COPPER, TOTAL (UG/L AS CU)	06/02/81-06/02/81	0	2	
INDU0226	No	01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-06/25/81	1	4	
INDU0227	No	01042	COPPER, TOTAL (UG/L AS CU)	09/16/80-06/02/81	0	6	
INDU0234	No	01042	COPPER, TOTAL (UG/L AS CU)	07/22/80-07/22/81	1	5	
INDU0235	No	01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-10/20/81	1	11	
INDU0241	No	01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-10/20/81	1	6	
INDU0242	No	01042	COPPER, TOTAL (UG/L AS CU)	07/22/80-07/22/81	1	7	
INDU0243	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	
INDU0244	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	
INDU0261	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	
INDU0263	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	
INDU0267	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	
INDU0268	No	01042	COPPER, TOTAL (UG/L AS CU)	07/22/80-07/22/81	1	6	
INDU0269	No	01042	COPPER, TOTAL (UG/L AS CU)	07/07/77-07/07/77	0	1	
INDU0270	No	01042	COPPER, TOTAL (UG/L AS CU)	04/19/89-09/19/89	0	2	
INDU0281	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	
INDU0283	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	
INDU0284	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	
INDU0286	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	
INDU0294	No	01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-10/20/81	1	16	
INDU0295	No	01042	COPPER, TOTAL (UG/L AS CU)	06/24/81-06/24/81	0	3	
INDU0296	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	
INDU0297	No	01042	COPPER, TOTAL (UG/L AS CU)	09/16/80-10/20/81	1	5	
INDU0299	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	
INDU0300	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	
INDU0301	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	
INDU0304	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	
INDU0311	No	01042	COPPER, TOTAL (UG/L AS CU)	07/22/80-07/22/80	0	2	
INDU0320	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	
INDU0321	No	01042	COPPER, TOTAL (UG/L AS CU)	12/13/88-07/27/92	3	16	
INDU0324	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0328	No	01042	COPPER, TOTAL (UG/L AS CU)	04/24/70-11/02/72	2	14	
INDU0329	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	
INDU0331	No	01042	COPPER, TOTAL (UG/L AS CU)	02/25/69-04/17/85	16	81	
INDU0332	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-10/03/84	0	1	
INDU0007	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	0	2	
INDU0010	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	0	1	
INDU0021	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	0	1	
INDU0026	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	0	1	
INDU0027	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/15/78-08/26/79	0	2	
INDU0029	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	0	1	
INDU0032	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	0	1	
INDU0033	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	0	1	
INDU0036	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	0	1	
INDU0037	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	0	1	
INDU0055	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/02/73-08/26/79	6	3	
INDU0063	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/26/79-08/26/79	0	1	
INDU0072	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/17/78-04/08/80	1	3	
INDU0093	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/24/76-06/24/76	0	1	
INDU0094	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/02/73-04/08/80	6	7	
INDU0101	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/28/76-09/28/76	0	1	
INDU0103	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/12/75-07/12/80	4	6	
INDU0112	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/29/76-09/29/76	0	1	
INDU0123	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/28/76-09/28/76	0	1	
INDU0126	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/01/73-07/12/80	6	6	
INDU0151	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/17/78-08/24/79	0	2	
INDU0156	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/22/75-04/22/75	0	1	
INDU0158	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/22/75-04/22/75	0	1	
INDU0159	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/22/75-04/22/75	0	1	
INDU0162	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/22/75-04/22/75	0	1	
INDU0163	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/22/75-04/22/75	0	1	
INDU0164	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/17/78-08/24/79	0	2	
INDU0166	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/22/75-04/22/75	0	2	
INDU0167	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/22/75-04/22/75	0	1	
INDU0168	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/22/75-04/22/75	0	1	
INDU0171	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/08/81-07/08/81	0	1	
INDU0172	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/15/79-10/15/79	0	1	
INDU0174	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/08/81-07/08/81	0	1	
INDU0176	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/23/81-09/23/81	0	3	
INDU0178	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/08/81-07/08/81	0	1	
INDU0182	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/08/81-07/08/81	0	1	
INDU0185	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/08/81-07/08/81	0	1	
INDU0186	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/08/81-07/08/81	0	1	
INDU0189	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/08/81-07/08/81	0	1	
INDU0194	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/28/79-09/03/80	1	3	
INDU0195	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/24/81-09/24/81	0	3	
INDU0206	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/13/79-10/13/79	0	3	
INDU0207	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/23/81-09/23/81	0	3	
INDU0214	Yes	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/27/76-06/27/76	0	1	
INDU0215	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/12/79-10/12/79	0	1	
INDU0216	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/18/78-08/24/79	0	2	
INDU0220	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/10/79-10/10/79	0	3	
INDU0229	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/80-12/04/80	0	2	
INDU0230	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/78-08/23/79	0	2	
INDU0236	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/78-08/23/79	0	2	
INDU0266	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/16/79-10/16/79	0	3	
INDU0275	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/04/79-10/04/79	0	1	
INDU0282	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/08/79-10/08/79	0	1	
INDU0322	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/02/79-10/02/79	0	3	
INDU0323	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/80-12/04/80	0	2	
INDU0330	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/03/79-10/03/79	0	3	
INDU0333	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/80-12/04/80	0	1	
INDU0151	Yes	01044	IRON, SUSPENDED (UG/L AS FE)	11/06/78-02/27/80	1	3	
INDU0002	Yes	01045	IRON, TOTAL (UG/L AS FE)	01/23/74-01/23/74	0	1	
INDU0003	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/26/76-07/26/77	1	2	
INDU0004	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/03/73-06/26/76	2	4	
INDU0009	No	01045	IRON, TOTAL (UG/L AS FE)	01/12/71-11/19/85	14	99	
INDU0028	No	01045	IRON, TOTAL (UG/L AS FE)	02/03/75-02/03/75	0	1	
INDU0030	No	01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	19	169	
INDU0040	No	01045	IRON, TOTAL (UG/L AS FE)	05/20/80-09/23/81	1	15	
INDU0041	No	01045	IRON, TOTAL (UG/L AS FE)	09/17/80-09/17/80	0	3	
INDU0052	No	01045	IRON, TOTAL (UG/L AS FE)	05/20/80-07/20/81	1	4	
INDU0053	No	01045	IRON, TOTAL (UG/L AS FE)	07/21/80-09/23/81	1	11	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0055	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/02/73-08/08/78	5	6	
INDU0061	No	01045	IRON, TOTAL (UG/L AS FE)	05/18/81-09/23/81	0	8	
INDU0062	No	01045	IRON, TOTAL (UG/L AS FE)	07/27/77-07/27/77	0	1	
INDU0063	No	01045	IRON, TOTAL (UG/L AS FE)	08/02/73-08/08/78	5	5	
INDU0069	No	01045	IRON, TOTAL (UG/L AS FE)	05/20/80-09/23/81	1	5	
INDU0073	No	01045	IRON, TOTAL (UG/L AS FE)	09/23/81-09/23/81	0	2	
INDU0078	No	01045	IRON, TOTAL (UG/L AS FE)	07/21/80-07/21/80	0	3	
INDU0079	No	01045	IRON, TOTAL (UG/L AS FE)	07/21/80-09/23/81	1	4	
INDU0084	No	01045	IRON, TOTAL (UG/L AS FE)	05/20/80-09/17/80	0	4	
INDU0089	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/17/80-09/17/80	0	2	
INDU0093	Yes	01045	IRON, TOTAL (UG/L AS FE)	11/13/74-08/10/78	3	6	
INDU0094	No	01045	IRON, TOTAL (UG/L AS FE)	08/02/73-08/08/78	5	6	
INDU0098	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/14/75-08/10/78	2	4	
INDU0101	No	01045	IRON, TOTAL (UG/L AS FE)	09/28/76-09/28/76	0	1	
INDU0102	No	01045	IRON, TOTAL (UG/L AS FE)	09/01/77-09/01/77	0	1	
INDU0103	No	01045	IRON, TOTAL (UG/L AS FE)	08/02/73-08/10/78	5	8	
INDU0104	No	01045	IRON, TOTAL (UG/L AS FE)	07/01/77-11/23/77	0	4	
INDU0105	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/31/77-08/31/77	0	1	
INDU0110	No	01045	IRON, TOTAL (UG/L AS FE)	09/23/81-09/23/81	0	2	
INDU0112	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/14/75-08/31/77	2	3	
INDU0113	No	01045	IRON, TOTAL (UG/L AS FE)	08/30/77-08/30/77	0	1	
INDU0115	No	01045	IRON, TOTAL (UG/L AS FE)	08/30/77-08/30/77	0	1	
INDU0116	No	01045	IRON, TOTAL (UG/L AS FE)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/29/76-08/31/77	0	2	
INDU0121	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/31/77-08/31/77	0	1	
INDU0122	No	01045	IRON, TOTAL (UG/L AS FE)	06/23/76-06/23/76	0	1	
INDU0123	No	01045	IRON, TOTAL (UG/L AS FE)	09/28/76-08/30/77	0	2	
INDU0124	Yes	01045	IRON, TOTAL (UG/L AS FE)	04/20/77-10/12/77	0	4	
INDU0125	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/01/73-08/31/77	4	6	
INDU0127	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/30/77-08/30/77	0	1	
INDU0136	No	01045	IRON, TOTAL (UG/L AS FE)	08/30/77-08/30/77	0	1	
INDU0144	No	01045	IRON, TOTAL (UG/L AS FE)	09/02/72-05/31/73	0	261	
INDU0145	No	01045	IRON, TOTAL (UG/L AS FE)	09/01/72-05/31/73	0	262	
INDU0146	No	01045	IRON, TOTAL (UG/L AS FE)	05/18/81-10/20/81	0	6	
INDU0147	No	01045	IRON, TOTAL (UG/L AS FE)	09/01/72-05/31/73	0	266	
INDU0148	No	01045	IRON, TOTAL (UG/L AS FE)	09/01/72-05/31/73	0	252	
INDU0149	No	01045	IRON, TOTAL (UG/L AS FE)	05/19/80-10/20/81	1	15	
INDU0151	Yes	01045	IRON, TOTAL (UG/L AS FE)	11/06/78-02/27/80	1	3	
INDU0155	No	01045	IRON, TOTAL (UG/L AS FE)	11/18/80-06/25/81	0	7	
INDU0169	No	01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	18	209	
INDU0179	No	01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	11	133	
INDU0184	No	01045	IRON, TOTAL (UG/L AS FE)	01/13/71-11/20/84	13	119	
INDU0191	No	01045	IRON, TOTAL (UG/L AS FE)	04/19/89-09/19/89	0	2	
INDU0201	No	01045	IRON, TOTAL (UG/L AS FE)	07/22/80-07/22/81	1	6	
INDU0202	No	01045	IRON, TOTAL (UG/L AS FE)	09/16/80-09/16/80	0	2	
INDU0203	No	01045	IRON, TOTAL (UG/L AS FE)	05/20/80-10/20/81	1	6	
INDU0208	No	01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	17	121	
INDU0211	No	01045	IRON, TOTAL (UG/L AS FE)	05/20/80-07/22/81	1	10	
INDU0212	No	01045	IRON, TOTAL (UG/L AS FE)	07/21/80-06/02/81	0	6	
INDU0214	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/17/75-08/17/75	0	1	
INDU0217	No	01045	IRON, TOTAL (UG/L AS FE)	10/20/81-10/20/81	0	3	
INDU0218	No	01045	IRON, TOTAL (UG/L AS FE)	05/20/80-07/22/81	1	8	
INDU0222	No	01045	IRON, TOTAL (UG/L AS FE)	05/20/80-05/20/80	0	2	
INDU0223	No	01045	IRON, TOTAL (UG/L AS FE)	06/02/81-06/02/81	0	2	
INDU0226	No	01045	IRON, TOTAL (UG/L AS FE)	05/20/80-06/25/81	1	4	
INDU0227	No	01045	IRON, TOTAL (UG/L AS FE)	09/16/80-06/02/81	0	6	
INDU0234	No	01045	IRON, TOTAL (UG/L AS FE)	07/22/80-07/22/81	1	5	
INDU0235	No	01045	IRON, TOTAL (UG/L AS FE)	05/20/80-10/20/81	1	11	
INDU0241	No	01045	IRON, TOTAL (UG/L AS FE)	05/20/80-10/20/81	1	6	
INDU0242	No	01045	IRON, TOTAL (UG/L AS FE)	07/22/80-07/22/81	1	7	
INDU0243	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0244	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0261	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0263	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0267	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0268	No	01045	IRON, TOTAL (UG/L AS FE)	07/22/80-07/22/81	1	6	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0270	No	01045	IRON, TOTAL (UG/L AS FE)	04/19/89-09/19/89	0	2	
INDU0281	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0283	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0284	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0286	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0294	No	01045	IRON, TOTAL (UG/L AS FE)	05/20/80-10/20/81	1	16	
INDU0295	No	01045	IRON, TOTAL (UG/L AS FE)	06/24/81-06/24/81	0	3	
INDU0296	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0297	No	01045	IRON, TOTAL (UG/L AS FE)	09/16/80-10/20/81	1	5	
INDU0298	No	01045	IRON, TOTAL (UG/L AS FE)	10/01/62-01/01/69	6	12	
INDU0299	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0300	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0301	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0304	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0311	No	01045	IRON, TOTAL (UG/L AS FE)	07/22/80-07/22/80	0	2	
INDU0320	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0321	No	01045	IRON, TOTAL (UG/L AS FE)	01/15/86-07/27/92	6	78	
INDU0324	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0328	No	01045	IRON, TOTAL (UG/L AS FE)	06/24/65-01/11/73	7	229	
INDU0329	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0331	No	01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	14	146	
INDU0332	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-10/03/84	0	1	
INDU0003	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/19/78-08/26/79	0	2	
INDU0006	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/12/62-04/12/62	0	1	
INDU0009	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/20/86-03/25/92	5	44	
INDU0011	No	01046	IRON, DISSOLVED (UG/L AS FE)	12/17/59-12/17/59	0	1	
INDU0012	No	01046	IRON, DISSOLVED (UG/L AS FE)	12/17/59-12/17/59	0	1	
INDU0015	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/01/55-12/17/59	4	2	
INDU0016	No	01046	IRON, DISSOLVED (UG/L AS FE)	12/17/59-12/17/59	0	1	
INDU0027	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/15/78-07/11/80	1	3	
INDU0030	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/20/86-03/25/92	5	44	
INDU0034	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/24/57-05/24/57	0	1	
INDU0035	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/26/62-04/26/62	0	1	
INDU0038	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/24/57-05/24/57	0	1	
INDU0042	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/30/57-08/30/57	0	1	
INDU0055	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/79-07/11/80	0	2	
INDU0059	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/11/62-04/11/62	0	1	
INDU0060	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/11/62-04/11/62	0	1	
INDU0063	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/79-07/11/80	0	2	
INDU0065	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/30/78-11/30/78	0	1	
INDU0066	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/30/78-11/30/78	0	1	
INDU0072	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/17/78-07/11/80	1	3	
INDU0077	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/19/77-01/19/77	0	1	
INDU0090	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/15/77-11/16/77	0	6	
INDU0091	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/15/77-11/16/77	0	6	
INDU0093	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/30/77-05/09/78	0	8	
INDU0094	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/17/78-07/11/80	1	3	
INDU0096	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/15/77-05/09/78	1	7	
INDU0097	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/15/77-05/09/78	1	7	
INDU0098	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/01/77-10/13/77	0	3	
INDU0099	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/01/77-10/13/77	0	2	
INDU0100	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/01/77-04/06/78	0	3	
INDU0101	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/28/76-05/10/78	1	10	
INDU0102	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/17/77-05/10/78	1	15	
INDU0103	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/11/77-08/25/79	2	4	
INDU0105	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/13/77-08/25/81	4	18	
INDU0106	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/01/77-04/06/78	0	3	
INDU0107	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/31/77-08/31/77	0	1	
INDU0111	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/01/77-04/06/78	0	3	
INDU0112	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/29/76-04/05/78	1	11	
INDU0113	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/11/77-08/30/77	0	4	
INDU0114	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/28/77-05/09/78	0	7	
INDU0115	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/15/77-05/09/78	1	11	
INDU0116	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/15/77-08/26/81	4	15	
INDU0117	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/13/77-04/06/78	0	2	
INDU0118	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/29/76-04/05/78	1	5	
INDU0119	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/29/77-04/06/78	0	3	
INDU0120	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/29/77-10/12/77	0	2	
INDU0121	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/31/77-08/31/77	0	1	
INDU0122	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/11/77-05/09/78	1	10	

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Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0123	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/28/76-05/09/78	1	16	
INDU0124	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	02/19/80-02/19/80	0	1	
INDU0125	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/28/76-07/12/80	3	19	
INDU0127	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	02/10/77-05/10/78	1	14	
INDU0128	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/11/77-03/11/77	0	1	
INDU0129	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/28/77-05/10/78	0	10	
INDU0130	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/11/77-05/09/78	1	13	
INDU0131	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/14/77-01/17/78	0	9	
INDU0133	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/29/77-04/06/78	0	3	
INDU0134	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/10/77-05/09/78	1	13	
INDU0135	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	02/11/77-08/26/81	4	12	
INDU0136	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/14/77-12/20/77	0	8	
INDU0151	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/06/78-07/11/80	1	7	
INDU0164	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/17/78-07/11/80	1	3	
INDU0179	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/20/86-06/25/91	5	48	
INDU0191	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/19/89-09/19/89	0	2	
INDU0216	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/18/78-07/11/80	1	3	
INDU0221	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/13/59-10/13/59	0	1	
INDU0228	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/13/59-10/13/59	0	1	
INDU0230	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/16/78-07/09/80	1	3	
INDU0236	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/16/78-07/09/80	1	3	
INDU0270	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/19/89-09/19/89	0	2	
INDU0307	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/12/59-10/12/59	0	1	
INDU0310	No	01046	IRON, DISSOLVED (UG/L AS FE)	12/13/61-12/13/61	0	1	
INDU0313	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/12/59-10/12/59	0	1	
INDU0314	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/12/59-10/12/59	0	1	
INDU0316	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/13/59-10/13/59	0	1	
INDU0321	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/21/86-03/26/92	5	50	
INDU0327	No	01046	IRON, DISSOLVED (UG/L AS FE)	12/13/61-12/13/61	0	1	
INDU0328	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/17/68-09/09/71	3	100	
INDU0334	No	01046	IRON, DISSOLVED (UG/L AS FE)	01/22/62-01/22/62	0	1	
INDU0335	No	01046	IRON, DISSOLVED (UG/L AS FE)	12/20/50-12/20/50	0	1	
INDU0336	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/14/59-10/14/59	0	1	
INDU0337	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/26/56-10/14/59	3	2	
INDU0331	No	01047	IRON, FERROUS (UG/L AS FE)	04/09/69-12/30/69	0	14	
INDU0068	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/02/62-09/02/62	0	1	
INDU0077	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	01/19/77-01/19/77	0	1	
INDU0086	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/62-08/31/62	0	1	
INDU0093	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/30/77-05/09/78	0	8	
INDU0096	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	04/04/78-05/09/78	0	2	
INDU0098	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/01/77-09/01/77	0	1	
INDU0101	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/28/76-05/10/78	1	10	
INDU0102	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/17/77-05/10/78	1	15	
INDU0105	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	04/13/77-05/10/78	1	12	
INDU0107	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/29/76-08/31/77	0	5	
INDU0113	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/11/77-08/30/77	0	2	
INDU0115	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/15/77-05/09/78	1	11	
INDU0116	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/17/77-05/09/78	0	11	
INDU0118	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/29/76-08/31/77	0	2	
INDU0121	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0122	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/09/78-05/09/78	0	1	
INDU0123	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/28/76-05/09/78	1	13	
INDU0125	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/28/76-05/10/78	1	15	
INDU0127	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	04/12/77-05/10/78	1	12	
INDU0128	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/11/77-03/11/77	0	1	
INDU0129	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/12/77-05/10/78	0	7	
INDU0130	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/11/77-05/09/78	1	10	
INDU0131	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/30/77-11/17/77	0	3	
INDU0134	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	03/10/77-05/09/78	1	11	
INDU0135	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	02/11/77-05/10/78	1	8	
INDU0136	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/14/77-11/17/77	0	7	
INDU0151	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	11/06/78-02/27/80	1	4	
INDU0157	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/62-08/31/62	0	1	
INDU0184	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/27/79-06/27/79	0	1	
INDU0191	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/19/89-09/19/89	0	2	
INDU0237	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/62-08/31/62	0	1	
INDU0240	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/22/63-09/18/63	0	4	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0251	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/26/63-09/18/63	0	4	
INDU0270	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/19/89-09/19/89	0	2	
INDU0273	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/22/63-09/08/63	0	4	
INDU0278	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/22/63-09/18/63	0	3	
INDU0285	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/22/63-09/18/63	0	7	
INDU0298	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/62-01/01/69	6	12	
INDU0302	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/22/63-09/05/63	0	2	
INDU0305	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/11/73-07/28/73	0	4	
INDU0312	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/13/70-10/13/70	0	1	
INDU0325	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/11/73-07/28/73	0	4	
INDU0093	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	09/01/77-09/01/77	0	1	
INDU0102	No	01050	LEAD, SUSPENDED (UG/L AS PB)	09/01/77-09/01/77	0	1	
INDU0105	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0113	No	01050	LEAD, SUSPENDED (UG/L AS PB)	08/30/77-08/30/77	0	1	
INDU0115	No	01050	LEAD, SUSPENDED (UG/L AS PB)	08/30/77-08/30/77	0	1	
INDU0116	No	01050	LEAD, SUSPENDED (UG/L AS PB)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0123	No	01050	LEAD, SUSPENDED (UG/L AS PB)	08/30/77-08/30/77	0	1	
INDU0125	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	08/30/77-08/30/77	0	1	
INDU0136	No	01050	LEAD, SUSPENDED (UG/L AS PB)	08/30/77-08/30/77	0	1	
INDU0151	Yes	01050	LEAD, SUSPENDED (UG/L AS PB)	11/06/78-02/27/80	1	3	
INDU0305	No	01050	LEAD, SUSPENDED (UG/L AS PB)	06/11/73-07/28/73	0	4	
INDU0325	No	01050	LEAD, SUSPENDED (UG/L AS PB)	06/11/73-07/28/73	0	4	
INDU0009	No	01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	21	143	
INDU0028	No	01051	LEAD, TOTAL (UG/L AS PB)	02/03/75-02/03/75	0	1	
INDU0030	No	01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	19	197	
INDU0040	No	01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-09/23/81	1	15	
INDU0041	No	01051	LEAD, TOTAL (UG/L AS PB)	09/17/80-09/17/80	0	3	
INDU0052	No	01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-07/20/81	1	4	
INDU0053	No	01051	LEAD, TOTAL (UG/L AS PB)	07/21/80-09/23/81	1	11	
INDU0061	No	01051	LEAD, TOTAL (UG/L AS PB)	05/18/81-09/23/81	0	8	
INDU0065	No	01051	LEAD, TOTAL (UG/L AS PB)	11/30/78-11/30/78	0	1	
INDU0069	No	01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-09/23/81	1	5	
INDU0073	No	01051	LEAD, TOTAL (UG/L AS PB)	09/23/81-09/23/81	0	2	
INDU0078	No	01051	LEAD, TOTAL (UG/L AS PB)	07/21/80-07/21/80	0	3	
INDU0079	No	01051	LEAD, TOTAL (UG/L AS PB)	07/21/80-09/23/81	1	4	
INDU0084	No	01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-09/17/80	0	4	
INDU0089	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/17/80-09/17/80	0	2	
INDU0093	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01051	LEAD, TOTAL (UG/L AS PB)	09/01/77-09/01/77	0	1	
INDU0102	No	01051	LEAD, TOTAL (UG/L AS PB)	09/01/77-09/01/77	0	1	
INDU0104	No	01051	LEAD, TOTAL (UG/L AS PB)	07/01/77-11/23/77	0	4	
INDU0105	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0110	No	01051	LEAD, TOTAL (UG/L AS PB)	09/23/81-09/23/81	0	2	
INDU0112	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0113	No	01051	LEAD, TOTAL (UG/L AS PB)	08/30/77-08/30/77	0	1	
INDU0115	No	01051	LEAD, TOTAL (UG/L AS PB)	08/30/77-08/30/77	0	1	
INDU0116	No	01051	LEAD, TOTAL (UG/L AS PB)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0123	No	01051	LEAD, TOTAL (UG/L AS PB)	08/30/77-08/30/77	0	1	
INDU0124	Yes	01051	LEAD, TOTAL (UG/L AS PB)	04/20/77-10/12/77	0	4	
INDU0125	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01051	LEAD, TOTAL (UG/L AS PB)	08/30/77-08/30/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0136	No	01051	LEAD, TOTAL (UG/L AS PB)	08/30/77-08/30/77	0	1	
INDU0146	No	01051	LEAD, TOTAL (UG/L AS PB)	05/18/81-10/20/81	0	6	
INDU0149	No	01051	LEAD, TOTAL (UG/L AS PB)	05/19/80-10/20/81	1	15	
INDU0151	Yes	01051	LEAD, TOTAL (UG/L AS PB)	11/06/78-02/27/80	1	3	
INDU0155	No	01051	LEAD, TOTAL (UG/L AS PB)	11/18/80-06/25/81	0	7	
INDU0169	No	01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	11	134	
INDU0179	No	01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	11	133	
INDU0184	No	01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	13	150	
INDU0191	No	01051	LEAD, TOTAL (UG/L AS PB)	04/19/89-09/19/89	0	2	
INDU0201	No	01051	LEAD, TOTAL (UG/L AS PB)	07/22/80-07/22/81	1	6	
INDU0202	No	01051	LEAD, TOTAL (UG/L AS PB)	09/16/80-09/16/80	0	2	
INDU0203	No	01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-10/20/81	1	6	
INDU0208	No	01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	11	120	
INDU0211	No	01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-07/22/81	1	10	
INDU0212	No	01051	LEAD, TOTAL (UG/L AS PB)	07/21/80-06/02/81	0	6	
INDU0214	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/31/73-07/31/73	0	1	
INDU0217	No	01051	LEAD, TOTAL (UG/L AS PB)	10/20/81-10/20/81	0	3	
INDU0218	No	01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-07/22/81	1	8	
INDU0222	No	01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-05/20/80	0	2	
INDU0223	No	01051	LEAD, TOTAL (UG/L AS PB)	06/02/81-06/02/81	0	2	
INDU0226	No	01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-06/25/81	1	4	
INDU0227	No	01051	LEAD, TOTAL (UG/L AS PB)	09/16/80-06/02/81	0	6	
INDU0234	No	01051	LEAD, TOTAL (UG/L AS PB)	07/22/80-07/22/81	1	5	
INDU0235	No	01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-10/20/81	1	11	
INDU0241	No	01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-10/20/81	1	6	
INDU0242	No	01051	LEAD, TOTAL (UG/L AS PB)	07/22/80-07/22/81	1	7	
INDU0243	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0244	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0261	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0263	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0267	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0268	No	01051	LEAD, TOTAL (UG/L AS PB)	07/22/80-07/22/81	1	6	
INDU0269	No	01051	LEAD, TOTAL (UG/L AS PB)	07/07/77-07/07/77	0	1	
INDU0270	No	01051	LEAD, TOTAL (UG/L AS PB)	04/19/89-09/19/89	0	2	
INDU0281	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0283	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0284	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0286	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0294	No	01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-10/20/81	1	16	
INDU0295	No	01051	LEAD, TOTAL (UG/L AS PB)	06/24/81-06/24/81	0	3	
INDU0296	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0297	No	01051	LEAD, TOTAL (UG/L AS PB)	09/16/80-10/20/81	1	5	
INDU0299	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0300	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0301	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0304	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0311	No	01051	LEAD, TOTAL (UG/L AS PB)	07/22/80-07/22/80	0	2	
INDU0320	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0321	No	01051	LEAD, TOTAL (UG/L AS PB)	01/15/86-07/27/92	6	78	
INDU0324	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0328	No	01051	LEAD, TOTAL (UG/L AS PB)	04/24/70-11/02/72	2	15	
INDU0329	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0331	No	01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	16	161	
INDU0332	No	01051	LEAD, TOTAL (UG/L AS PB)	10/03/84-10/03/84	0	1	
INDU0007	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	0	2	
INDU0010	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	0	1	
INDU0013	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/73-06/22/73	0	2	
INDU0014	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/73-06/22/73	0	2	
INDU0017	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/73-06/22/73	0	2	
INDU0018	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/73-06/22/73	0	2	
INDU0019	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/73-06/22/73	0	2	
INDU0020	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	0	1	
INDU0021	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	0	1	
INDU0022	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/73-06/22/73	0	2	
INDU0023	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/73-06/22/73	0	2	
INDU0024	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	0	1	
INDU0026	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	0	1	
INDU0027	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/15/78-08/26/79	0	2	
INDU0029	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	0	1	
INDU0031	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/09/70-06/09/70	0	1	
INDU0032	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	0	1	
INDU0033	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0036	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	0	1	
INDU0037	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	0	1	
INDU0039	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/09/70-06/09/70	0	1	
INDU0043	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/09/70-06/09/70	0	1	
INDU0046	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/09/70-06/09/70	0	1	
INDU0047	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/09/70-06/09/70	0	1	
INDU0055	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/02/73-08/26/79	6	3	
INDU0063	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/26/79-04/09/80	0	2	
INDU0072	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/17/78-04/08/80	1	3	
INDU0093	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/24/76-06/24/76	0	1	
INDU0094	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/02/73-04/08/80	6	7	
INDU0101	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/28/76-04/13/77	0	2	
INDU0102	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/13/77-04/13/77	0	2	
INDU0103	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/12/75-07/12/80	4	7	
INDU0105	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/13/77-04/13/77	0	1	
INDU0112	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/29/76-02/11/77	0	2	
INDU0113	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/12/77-04/12/77	0	1	
INDU0118	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/18/77-05/18/77	0	1	
INDU0123	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/28/76-02/10/77	0	2	
INDU0126	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/01/73-07/12/80	6	7	
INDU0127	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/12/77-04/12/77	0	1	
INDU0130	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/11/77-02/11/77	0	1	
INDU0134	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/10/77-03/10/77	0	1	
INDU0151	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/17/78-08/24/79	0	2	
INDU0156	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/22/75-04/22/75	0	1	
INDU0158	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/22/75-04/22/75	0	1	
INDU0159	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/22/75-04/22/75	0	1	
INDU0162	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/22/75-04/22/75	0	1	
INDU0163	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/22/75-04/22/75	0	1	
INDU0164	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/17/78-08/24/79	0	2	
INDU0166	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/22/75-04/22/75	0	2	
INDU0167	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/22/75-04/22/75	0	1	
INDU0168	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/22/75-04/22/75	0	1	
INDU0171	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/08/81-07/08/81	0	1	
INDU0172	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/15/79-10/15/79	0	1	
INDU0174	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/08/81-07/08/81	0	1	
INDU0176	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/23/81-09/23/81	0	3	
INDU0178	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/08/81-07/08/81	0	1	
INDU0182	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/08/81-07/08/81	0	1	
INDU0185	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/08/81-07/08/81	0	1	
INDU0186	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/08/81-07/08/81	0	1	
INDU0189	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/08/81-07/08/81	0	1	
INDU0194	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/28/79-09/03/80	1	3	
INDU0195	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/24/81-09/24/81	0	3	
INDU0206	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/13/79-10/13/79	0	3	
INDU0207	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/23/81-09/23/81	0	3	
INDU0214	Yes	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/27/76-06/27/76	0	1	
INDU0215	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/12/79-10/12/79	0	1	
INDU0216	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/18/78-04/08/80	1	3	
INDU0220	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/10/79-10/10/79	0	3	
INDU0229	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/80-12/04/80	0	2	
INDU0230	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/16/78-08/23/79	0	2	
INDU0236	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/16/78-08/23/79	0	2	
INDU0239	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	0	1	
INDU0246	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	0	1	
INDU0247	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	0	1	
INDU0248	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	0	1	
INDU0249	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	0	1	
INDU0250	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	0	1	
INDU0254	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	0	1	
INDU0255	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	0	1	
INDU0256	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	0	1	
INDU0257	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	0	1	
INDU0258	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	0	1	
INDU0259	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	0	1	
INDU0260	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	0	1	
INDU0266	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/16/79-10/16/79	0	3	
INDU0275	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/04/79-10/04/79	0	1	
INDU0282	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/08/79-10/08/79	0	1	
INDU0322	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/02/79-10/02/79	0	3	
INDU0323	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/80-12/04/80	0	2	
INDU0330	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/03/79-10/03/79	0	3	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0333	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/80-12/04/80	0	1	
INDU0007	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	0	2	
INDU0010	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	0	1	
INDU0021	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	0	1	
INDU0026	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	0	1	
INDU0029	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	0	1	
INDU0032	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	0	1	
INDU0033	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	0	1	
INDU0036	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	0	1	
INDU0037	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	0	1	
INDU0094	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	07/27/77-08/08/78	1	2	
INDU0101	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/28/76-09/28/76	0	1	
INDU0103	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	07/28/77-08/10/78	1	2	
INDU0112	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/29/76-02/11/77	0	2	
INDU0123	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/28/76-02/10/77	0	2	
INDU0126	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/28/76-09/28/76	0	1	
INDU0130	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/11/77-02/11/77	0	1	
INDU0134	Yes	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/10/77-03/10/77	0	1	
INDU0156	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/22/75-04/22/75	0	1	
INDU0158	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/22/75-04/22/75	0	1	
INDU0159	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/22/75-04/22/75	0	1	
INDU0162	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/22/75-04/22/75	0	1	
INDU0163	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/22/75-04/22/75	0	1	
INDU0166	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/22/75-04/22/75	0	2	
INDU0167	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/22/75-04/22/75	0	1	
INDU0168	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/22/75-04/22/75	0	1	
INDU0176	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/23/81-09/23/81	0	3	
INDU0184	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/73-12/12/73	0	9	
INDU0194	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/28/79-09/03/80	1	3	
INDU0195	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/24/81-09/24/81	0	3	
INDU0207	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/23/81-09/23/81	0	3	
INDU0229	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/80-12/04/80	0	2	
INDU0323	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/80-12/04/80	0	2	
INDU0333	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/80-12/04/80	0	1	
INDU0093	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	09/01/77-09/01/77	0	1	
INDU0102	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	09/01/77-09/01/77	0	1	
INDU0105	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0113	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/30/77-08/30/77	0	1	
INDU0115	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/30/77-08/30/77	0	1	
INDU0116	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0123	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/30/77-08/30/77	0	1	
INDU0125	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/30/77-08/30/77	0	1	
INDU0136	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/30/77-08/30/77	0	1	
INDU0151	Yes	01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/06/78-02/27/80	1	3	
INDU0003	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/26/76-07/26/77	1	2	
INDU0004	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/03/73-06/26/76	2	4	
INDU0009	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/12/71-11/19/85	14	90	
INDU0028	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/03/75-02/03/75	0	1	
INDU0030	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	19	164	
INDU0055	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/02/73-08/08/78	5	6	
INDU0062	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/27/77-07/27/77	0	1	
INDU0063	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/02/73-08/08/78	5	5	
INDU0093	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	11/13/74-08/10/78	3	6	
INDU0094	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/02/73-08/08/78	5	6	
INDU0098	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/14/75-08/10/78	2	4	
INDU0101	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/28/76-09/28/76	0	1	
INDU0102	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/01/77-09/01/77	0	1	
INDU0103	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/02/73-08/10/78	5	8	
INDU0104	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/01/77-11/23/77	0	4	
INDU0105	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/31/77-05/19/81	3	2	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0107	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/14/75-08/31/77	2	3	
INDU0113	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/77-08/30/77	0	1	
INDU0115	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/77-08/30/77	0	1	
INDU0116	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/76-08/31/77	0	2	
INDU0121	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0122	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/76-06/23/76	0	1	
INDU0123	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/28/76-08/30/77	0	2	
INDU0124	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	04/20/77-10/12/77	0	4	
INDU0125	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/73-08/31/77	4	6	
INDU0127	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/77-08/30/77	0	1	
INDU0135	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/20/81-05/20/81	0	1	
INDU0136	No	01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/77-08/30/77	0	1	
INDU0151	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	11/06/78-02/27/80	1	3	
INDU0169	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-08/15/91	17	58	
INDU0179	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	11	131	
INDU0184	No	01055	MANGANESE, TOTAL (UG/L AS MN)	01/13/71-11/20/84	13	107	
INDU0191	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/19/89-09/19/89	0	2	
INDU0208	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-12/18/91	17	34	
INDU0214	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	07/31/73-08/17/75	2	2	
INDU0269	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/07/77-07/07/77	0	1	
INDU0270	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/19/89-09/19/89	0	2	
INDU0298	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/62-01/01/69	6	12	
INDU0321	No	01055	MANGANESE, TOTAL (UG/L AS MN)	05/20/87-06/20/89	2	22	
INDU0328	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/24/70-01/11/73	2	6	
INDU0331	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/69-11/09/76	7	70	
INDU0003	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/19/78-08/26/79	0	2	
INDU0027	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/15/78-07/11/80	1	3	
INDU0055	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/79-07/11/80	0	2	
INDU0062	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/27/77-07/27/77	0	1	
INDU0063	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/79-07/11/80	0	2	
INDU0065	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/30/78-11/30/78	0	1	
INDU0066	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/30/78-11/30/78	0	1	
INDU0072	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/17/78-07/11/80	1	3	
INDU0077	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/19/77-01/19/77	0	1	
INDU0090	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/15/77-11/16/77	0	6	
INDU0091	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/15/77-11/16/77	0	6	
INDU0093	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/30/77-05/09/78	0	8	
INDU0094	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/17/78-07/11/80	1	3	
INDU0096	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/15/77-05/09/78	1	7	
INDU0097	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/15/77-05/09/78	1	7	
INDU0098	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/77-10/13/77	0	3	
INDU0099	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/77-10/13/77	0	2	
INDU0100	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/77-04/06/78	0	3	
INDU0101	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/28/76-05/10/78	1	10	
INDU0102	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/17/77-05/10/78	1	15	
INDU0103	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/11/77-08/25/79	2	4	
INDU0105	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/13/77-08/25/81	4	18	
INDU0106	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/77-04/06/78	0	3	
INDU0107	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0111	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/77-04/06/78	0	3	
INDU0112	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/76-04/05/78	1	11	
INDU0113	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/11/77-08/30/77	0	4	
INDU0114	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/28/77-05/09/78	0	7	
INDU0115	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/15/77-05/09/78	1	11	
INDU0116	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/15/77-08/26/81	4	15	
INDU0117	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/13/77-04/06/78	0	2	
INDU0118	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/76-04/05/78	1	5	
INDU0119	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/29/77-04/06/78	0	3	
INDU0120	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/29/77-10/12/77	0	2	
INDU0121	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0122	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/11/77-05/09/78	1	10	
INDU0123	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/28/76-05/09/78	1	16	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0124	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/19/80-02/19/80	0	1	
INDU0125	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/28/76-07/12/80	3	19	
INDU0127	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/10/77-05/10/78	1	14	
INDU0128	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/11/77-03/11/77	0	1	
INDU0129	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/28/77-05/10/78	0	10	
INDU0130	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/11/77-05/09/78	1	13	
INDU0131	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/14/77-01/17/78	0	9	
INDU0133	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/29/77-04/06/78	0	3	
INDU0134	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/10/77-05/09/78	1	13	
INDU0135	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/11/77-08/26/81	4	12	
INDU0136	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/14/77-12/20/77	0	8	
INDU0151	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/06/78-07/11/80	1	7	
INDU0164	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/17/78-07/11/80	1	3	
INDU0191	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/19/89-09/19/89	0	2	
INDU0216	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/18/78-07/11/80	1	3	
INDU0230	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/16/78-07/09/80	1	3	
INDU0236	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/16/78-07/09/80	1	3	
INDU0270	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/19/89-09/19/89	0	2	
INDU0009	No	01059	THALLIUM, TOTAL (UG/L AS TL)	03/29/89-07/28/92	3	12	
INDU0179	No	01059	THALLIUM, TOTAL (UG/L AS TL)	03/29/89-07/27/92	3	13	
INDU0321	No	01059	THALLIUM, TOTAL (UG/L AS TL)	03/29/89-07/27/92	3	13	
INDU0093	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/30/77-05/09/78	0	8	
INDU0096	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/04/78-05/09/78	0	2	
INDU0098	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/01/77-09/01/77	0	1	
INDU0101	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/28/76-05/10/78	1	10	
INDU0102	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/17/77-05/10/78	1	15	
INDU0105	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/13/77-08/25/81	4	14	
INDU0107	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/29/76-08/31/77	0	5	
INDU0113	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	03/11/77-08/30/77	0	3	
INDU0115	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/15/77-05/09/78	1	11	
INDU0116	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/17/77-08/26/81	4	14	
INDU0118	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/29/76-08/31/77	0	2	
INDU0121	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0122	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/09/78-05/09/78	0	1	
INDU0123	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/28/76-05/09/78	1	13	
INDU0124	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/20/82-04/26/83	1	2	
INDU0125	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/28/76-05/10/78	1	15	
INDU0127	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/12/77-05/10/78	1	12	
INDU0128	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	03/11/77-03/11/77	0	1	
INDU0129	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/31/77-05/10/78	0	8	
INDU0130	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/11/77-05/09/78	1	10	
INDU0131	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/30/77-11/17/77	0	3	
INDU0134	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	03/10/77-05/09/78	1	11	
INDU0135	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/11/77-08/26/81	4	11	
INDU0136	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/14/77-11/17/77	0	7	
INDU0298	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/62-01/01/69	6	12	
INDU0093	Yes	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	09/01/77-09/01/77	0	1	
INDU0102	No	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	09/01/77-09/01/77	0	1	
INDU0105	Yes	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0113	No	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/30/77-08/30/77	0	1	
INDU0115	No	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/30/77-08/30/77	0	1	
INDU0116	No	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0123	No	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/30/77-08/30/77	0	1	
INDU0125	Yes	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/30/77-08/30/77	0	1	
INDU0136	No	01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/30/77-08/30/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0065	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	11/30/78-11/30/78	0	1	
INDU0093	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	09/01/77-09/01/77	0	1	
INDU0102	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	09/01/77-09/01/77	0	1	
INDU0104	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/01/77-11/23/77	0	4	
INDU0105	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0113	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/30/77-08/30/77	0	1	
INDU0115	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/30/77-08/30/77	0	1	
INDU0116	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0123	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/30/77-08/30/77	0	1	
INDU0124	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	04/20/77-10/12/77	0	4	
INDU0125	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/30/77-08/30/77	0	1	
INDU0136	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/30/77-08/30/77	0	1	
INDU0101	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/28/76-04/13/77	0	2	
INDU0102	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	04/13/77-04/13/77	0	2	
INDU0103	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/20/77-07/12/80	3	2	
INDU0105	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	04/13/77-04/13/77	0	1	
INDU0112	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/29/76-02/11/77	0	2	
INDU0118	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/18/77-05/18/77	0	1	
INDU0123	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/28/76-02/10/77	0	2	
INDU0126	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/28/76-07/12/80	3	3	
INDU0127	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	04/12/77-04/12/77	0	1	
INDU0130	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	02/11/77-02/11/77	0	1	
INDU0134	Yes	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	03/10/77-03/10/77	0	1	
INDU0229	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	12/04/80-12/04/80	0	2	
INDU0323	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	12/04/80-12/04/80	0	2	
INDU0333	No	01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	12/04/80-12/04/80	0	1	
INDU0068	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/02/62-09/02/62	0	1	
INDU0086	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/62-08/31/62	0	1	
INDU0093	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/30/77-05/09/78	0	8	
INDU0096	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/04/78-05/09/78	0	2	
INDU0098	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/01/77-09/01/77	0	1	
INDU0101	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/28/76-05/10/78	1	10	
INDU0102	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/17/77-05/10/78	1	15	
INDU0105	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/13/77-08/25/81	4	15	
INDU0107	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/29/76-08/31/77	0	5	
INDU0113	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/11/77-08/30/77	0	2	
INDU0115	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/15/77-05/09/78	1	11	
INDU0116	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/17/77-08/26/81	4	14	
INDU0118	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/29/76-08/31/77	0	2	
INDU0121	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0122	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/09/78-05/09/78	0	1	
INDU0123	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/28/76-05/09/78	1	13	
INDU0124	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/19/80-02/19/80	0	1	
INDU0125	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/28/76-05/10/78	1	15	
INDU0127	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/12/77-05/10/78	1	12	
INDU0128	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/11/77-03/11/77	0	1	
INDU0129	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/77-05/10/78	0	8	
INDU0130	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/11/77-05/09/78	1	10	
INDU0131	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/30/77-11/17/77	0	3	
INDU0134	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/10/77-05/09/78	1	11	
INDU0135	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/11/77-08/26/81	4	11	
INDU0136	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/14/77-11/17/77	0	7	
INDU0151	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/11/79-02/27/80	0	3	
INDU0157	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/62-08/31/62	0	1	
INDU0191	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/19/89-09/19/89	0	2	
INDU0237	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/62-08/31/62	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0240	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/22/63-09/18/63	0	4	
INDU0251	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/26/63-09/18/63	0	4	
INDU0270	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/19/89-09/19/89	0	2	
INDU0273	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/22/63-09/08/63	0	4	
INDU0278	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/22/63-09/18/63	0	3	
INDU0285	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/22/63-09/18/63	0	7	
INDU0298	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/62-01/01/69	6	12	
INDU0302	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/22/63-09/05/63	0	2	
INDU0093	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	09/01/77-09/01/77	0	1	
INDU0102	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	09/01/77-09/01/77	0	1	
INDU0105	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0113	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/30/77-08/30/77	0	1	
INDU0115	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/30/77-08/30/77	0	1	
INDU0116	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0123	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/30/77-08/30/77	0	1	
INDU0125	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/30/77-08/30/77	0	1	
INDU0136	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	08/30/77-08/30/77	0	1	
INDU0151	Yes	01066	NICKEL, SUSPENDED (UG/L AS NI)	11/15/79-02/27/80	0	2	
INDU0009	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	21	144	
INDU0030	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	19	169	
INDU0055	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/02/73-08/02/73	0	1	
INDU0065	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/30/78-11/30/78	0	1	
INDU0093	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/30/77-08/30/77	0	1	
INDU0094	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/02/73-10/01/73	0	2	
INDU0098	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	09/01/77-09/01/77	0	1	
INDU0102	No	01067	NICKEL, TOTAL (UG/L AS NI)	09/01/77-09/01/77	0	1	
INDU0104	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/01/77-11/23/77	0	4	
INDU0105	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0113	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/30/77-08/30/77	0	1	
INDU0115	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/30/77-08/30/77	0	1	
INDU0116	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0123	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/30/77-08/30/77	0	1	
INDU0124	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	04/20/77-10/12/77	0	4	
INDU0125	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/01/73-08/31/77	4	2	
INDU0127	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	08/30/77-08/30/77	0	1	
INDU0136	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/30/77-08/30/77	0	1	
INDU0151	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	11/15/79-02/27/80	0	2	
INDU0169	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/20/74-11/02/77	3	46	
INDU0179	No	01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	11	132	
INDU0184	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/13/71-11/20/84	13	116	
INDU0191	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/19/89-09/19/89	0	2	
INDU0208	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/20/74-11/02/77	3	43	
INDU0214	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	07/31/73-07/31/73	0	1	
INDU0243	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0244	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0261	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0263	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0267	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0269	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/07/77-07/07/77	0	1	
INDU0270	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/19/89-09/19/89	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0281	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0283	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0284	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0286	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0296	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0299	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0300	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0301	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0304	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0320	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0321	No	01067	NICKEL, TOTAL (UG/L AS NI)	12/13/88-07/27/92	3	15	
INDU0324	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0328	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/24/70-11/02/72	2	14	
INDU0329	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0331	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/25/69-11/02/77	8	80	
INDU0332	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/03/84-10/03/84	0	1	
INDU0007	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	2	
INDU0010	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0021	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0026	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0029	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0032	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0033	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0036	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0037	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	0	1	
INDU0055	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/76-06/22/76	0	1	
INDU0093	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/24/76-06/24/76	0	1	
INDU0094	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/27/77-08/08/78	1	2	
INDU0101	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/28/76-04/13/77	0	2	
INDU0102	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/13/77-04/13/77	0	2	
INDU0103	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/12/75-07/12/80	4	5	
INDU0105	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/13/77-04/13/77	0	1	
INDU0112	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/29/76-09/29/76	0	1	
INDU0113	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/12/77-04/12/77	0	1	
INDU0118	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/18/77-05/18/77	0	1	
INDU0123	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/28/76-02/10/77	0	2	
INDU0126	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/12/75-07/12/80	4	4	
INDU0127	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/12/77-04/12/77	0	1	
INDU0130	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/11/77-02/11/77	0	1	
INDU0134	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/10/77-03/10/77	0	1	
INDU0156	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0158	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0159	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0162	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0163	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0166	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	2	
INDU0167	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0168	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	0	1	
INDU0171	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0172	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/15/79-10/15/79	0	1	
INDU0174	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0176	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/23/81-09/23/81	0	3	
INDU0178	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0182	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0185	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0186	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0189	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	0	1	
INDU0195	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/81-09/24/81	0	3	
INDU0206	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/13/79-10/13/79	0	3	
INDU0207	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/23/81-09/23/81	0	3	
INDU0214	Yes	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/27/76-06/27/76	0	1	
INDU0215	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/12/79-10/12/79	0	1	
INDU0220	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/10/79-10/10/79	0	3	
INDU0229	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	0	2	
INDU0266	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/16/79-10/16/79	0	3	
INDU0275	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/04/79-10/04/79	0	1	
INDU0282	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/08/79-10/08/79	0	1	
INDU0322	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/02/79-10/02/79	0	3	
INDU0323	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	0	2	
INDU0330	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/03/79-10/03/79	0	3	
INDU0333	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	0	1	
INDU0298	No	01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	10/01/62-01/01/69	6	12	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0151	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	11/06/78-02/27/80	1	3	
INDU0191	No	01075	SILVER, DISSOLVED (UG/L AS AG)	04/19/89-09/19/89	0	2	
INDU0270	No	01075	SILVER, DISSOLVED (UG/L AS AG)	04/19/89-09/19/89	0	2	
INDU0298	No	01075	SILVER, DISSOLVED (UG/L AS AG)	10/01/62-01/01/69	6	12	
INDU0151	Yes	01076	SILVER, SUSPENDED (UG/L AS AG)	11/06/78-02/27/80	1	3	
INDU0009	No	01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	6	69	
INDU0028	No	01077	SILVER, TOTAL (UG/L AS AG)	02/03/75-02/03/75	0	1	
INDU0030	No	01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	6	65	
INDU0040	No	01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-09/23/81	1	15	
INDU0041	No	01077	SILVER, TOTAL (UG/L AS AG)	09/17/80-09/17/80	0	3	
INDU0052	No	01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-07/20/81	1	4	
INDU0053	No	01077	SILVER, TOTAL (UG/L AS AG)	07/21/80-09/23/81	1	11	
INDU0061	No	01077	SILVER, TOTAL (UG/L AS AG)	05/18/81-09/23/81	0	8	
INDU0069	No	01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-09/23/81	1	5	
INDU0073	No	01077	SILVER, TOTAL (UG/L AS AG)	09/23/81-09/23/81	0	2	
INDU0078	No	01077	SILVER, TOTAL (UG/L AS AG)	07/21/80-07/21/80	0	3	
INDU0079	No	01077	SILVER, TOTAL (UG/L AS AG)	07/21/80-09/23/81	1	4	
INDU0084	No	01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-09/17/80	0	4	
INDU0089	Yes	01077	SILVER, TOTAL (UG/L AS AG)	09/17/80-09/17/80	0	2	
INDU0110	No	01077	SILVER, TOTAL (UG/L AS AG)	09/23/81-09/23/81	0	2	
INDU0146	No	01077	SILVER, TOTAL (UG/L AS AG)	05/18/81-10/20/81	0	6	
INDU0149	No	01077	SILVER, TOTAL (UG/L AS AG)	05/19/80-10/20/81	1	14	
INDU0151	Yes	01077	SILVER, TOTAL (UG/L AS AG)	11/06/78-06/11/80	1	6	
INDU0155	No	01077	SILVER, TOTAL (UG/L AS AG)	11/18/80-06/25/81	0	7	
INDU0179	No	01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/27/92	6	74	
INDU0191	No	01077	SILVER, TOTAL (UG/L AS AG)	04/19/89-09/19/89	0	2	
INDU0201	No	01077	SILVER, TOTAL (UG/L AS AG)	07/22/80-07/22/81	1	6	
INDU0202	No	01077	SILVER, TOTAL (UG/L AS AG)	09/16/80-09/16/80	0	2	
INDU0203	No	01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-10/20/81	1	6	
INDU0211	No	01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-07/22/81	1	10	
INDU0212	No	01077	SILVER, TOTAL (UG/L AS AG)	07/21/80-06/02/81	0	6	
INDU0217	No	01077	SILVER, TOTAL (UG/L AS AG)	10/20/81-10/20/81	0	3	
INDU0218	No	01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-07/22/81	1	8	
INDU0222	No	01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-05/20/80	0	2	
INDU0223	No	01077	SILVER, TOTAL (UG/L AS AG)	06/02/81-06/02/81	0	2	
INDU0226	No	01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-06/25/81	1	4	
INDU0227	No	01077	SILVER, TOTAL (UG/L AS AG)	09/16/80-06/02/81	0	6	
INDU0234	No	01077	SILVER, TOTAL (UG/L AS AG)	07/22/80-07/22/81	1	5	
INDU0235	No	01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-10/20/81	1	11	
INDU0241	No	01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-10/20/81	1	6	
INDU0242	No	01077	SILVER, TOTAL (UG/L AS AG)	07/22/80-07/22/81	1	7	
INDU0268	No	01077	SILVER, TOTAL (UG/L AS AG)	07/22/80-07/22/81	1	6	
INDU0270	No	01077	SILVER, TOTAL (UG/L AS AG)	04/19/89-09/19/89	0	2	
INDU0294	No	01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-10/20/81	1	16	
INDU0295	No	01077	SILVER, TOTAL (UG/L AS AG)	06/24/81-06/24/81	0	3	
INDU0297	No	01077	SILVER, TOTAL (UG/L AS AG)	09/16/80-10/20/81	1	5	
INDU0311	No	01077	SILVER, TOTAL (UG/L AS AG)	07/22/80-07/22/80	0	2	
INDU0321	No	01077	SILVER, TOTAL (UG/L AS AG)	05/21/86-07/27/92	6	74	
INDU0171	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/08/81-07/08/81	0	1	
INDU0174	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/08/81-07/08/81	0	1	
INDU0178	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/08/81-07/08/81	0	1	
INDU0182	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/08/81-07/08/81	0	1	
INDU0185	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/08/81-07/08/81	0	1	
INDU0186	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/08/81-07/08/81	0	1	
INDU0189	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/08/81-07/08/81	0	1	
INDU0229	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/04/80-12/04/80	0	2	
INDU0323	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/04/80-12/04/80	0	2	
INDU0333	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/04/80-12/04/80	0	1	
INDU0093	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/30/77-05/09/78	0	8	
INDU0096	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/04/78-05/09/78	0	2	
INDU0098	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/01/77-09/01/77	0	1	
INDU0101	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/28/76-05/10/78	1	10	
INDU0102	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/17/77-05/10/78	1	15	
INDU0105	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/13/77-08/25/81	4	15	
INDU0107	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/29/76-08/31/77	0	5	
INDU0113	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/11/77-08/30/77	0	2	
INDU0115	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/15/77-05/09/78	1	11	
INDU0116	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/17/77-08/26/81	4	14	
INDU0118	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/29/76-08/31/77	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0121	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0122	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/09/78-05/09/78	0	1	
INDU0123	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/28/76-05/09/78	1	13	
INDU0124	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/19/80-02/19/80	0	1	
INDU0125	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/28/76-05/10/78	1	15	
INDU0127	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/12/77-05/10/78	1	12	
INDU0128	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/11/77-03/11/77	0	1	
INDU0129	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/77-05/10/78	0	8	
INDU0130	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/11/77-05/09/78	1	10	
INDU0131	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/30/77-11/17/77	0	3	
INDU0134	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/10/77-05/09/78	1	11	
INDU0135	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/11/77-08/26/81	4	11	
INDU0136	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/14/77-12/20/77	0	8	
INDU0191	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/19/89-09/19/89	0	2	
INDU0270	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/19/89-09/19/89	0	2	
INDU0298	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/62-01/01/69	6	12	
INDU0093	Yes	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	09/01/77-09/01/77	0	1	
INDU0102	No	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	09/01/77-09/01/77	0	1	
INDU0105	Yes	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0113	No	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/30/77-08/30/77	0	1	
INDU0115	No	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/30/77-08/30/77	0	1	
INDU0116	No	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0123	No	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/30/77-08/30/77	0	1	
INDU0125	Yes	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/30/77-08/30/77	0	1	
INDU0136	No	01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/30/77-08/30/77	0	1	
INDU0065	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	11/30/78-11/30/78	0	1	
INDU0093	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	09/01/77-09/01/77	0	1	
INDU0102	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	09/01/77-09/01/77	0	1	
INDU0104	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	07/01/77-11/23/77	0	4	
INDU0105	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0113	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/30/77-08/30/77	0	1	
INDU0115	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/30/77-08/30/77	0	1	
INDU0116	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0123	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/30/77-08/30/77	0	1	
INDU0124	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	04/20/77-10/12/77	0	4	
INDU0125	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/30/77-08/30/77	0	1	
INDU0136	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	08/30/77-08/30/77	0	1	
INDU0191	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	04/19/89-09/19/89	0	2	
INDU0270	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	04/19/89-09/19/89	0	2	
INDU0101	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	09/28/76-04/13/77	0	2	
INDU0102	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	04/13/77-04/13/77	0	2	
INDU0103	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	05/20/77-07/12/80	3	2	
INDU0105	Yes	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	04/13/77-04/13/77	0	1	
INDU0112	Yes	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	09/29/76-09/29/76	0	1	
INDU0113	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	04/12/77-04/12/77	0	1	
INDU0118	Yes	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	05/18/77-05/18/77	0	1	
INDU0123	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	09/28/76-02/10/77	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0126	Yes	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	09/28/76-07/12/80	3	3	
INDU0127	Yes	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	04/12/77-04/12/77	0	1	
INDU0130	No	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	02/11/77-02/11/77	0	1	
INDU0134	Yes	01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	03/10/77-03/10/77	0	1	
INDU0191	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	04/19/89-09/19/89	0	2	
INDU0270	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	04/19/89-09/19/89	0	2	
INDU0298	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	10/01/62-01/01/69	6	12	
INDU0104	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/13/77-11/23/77	0	2	
INDU0124	Yes	01087	VANADIUM, TOTAL (UG/L AS V)	08/19/77-10/12/77	0	2	
INDU0191	No	01087	VANADIUM, TOTAL (UG/L AS V)	04/19/89-09/19/89	0	2	
INDU0243	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0244	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0261	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0263	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0267	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0270	No	01087	VANADIUM, TOTAL (UG/L AS V)	04/19/89-09/19/89	0	2	
INDU0281	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0283	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0284	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0286	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0296	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0299	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0300	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0301	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0304	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0320	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0324	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0329	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0332	No	01087	VANADIUM, TOTAL (UG/L AS V)	10/03/84-10/03/84	0	1	
INDU0229	No	01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	12/04/80-12/04/80	0	2	
INDU0323	No	01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	12/04/80-12/04/80	0	2	
INDU0333	No	01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	12/04/80-12/04/80	0	1	
INDU0068	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/02/62-09/02/62	0	1	
INDU0077	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	01/19/77-01/19/77	0	1	
INDU0086	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/62-08/31/62	0	1	
INDU0093	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/30/77-05/09/78	0	8	
INDU0096	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/04/78-05/09/78	0	2	
INDU0098	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/01/77-09/01/77	0	1	
INDU0101	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/28/76-05/10/78	1	10	
INDU0102	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/17/77-05/10/78	1	15	
INDU0105	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/13/77-08/25/81	4	15	
INDU0107	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/29/76-08/31/77	0	5	
INDU0113	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/11/77-08/30/77	0	2	
INDU0115	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/15/77-05/09/78	1	11	
INDU0116	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/17/77-08/26/81	4	14	
INDU0118	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/29/76-08/31/77	0	2	
INDU0121	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/77-08/31/77	0	1	
INDU0122	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/09/78-05/09/78	0	1	
INDU0123	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/28/76-05/09/78	1	13	
INDU0124	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/19/80-04/26/83	3	3	
INDU0125	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/28/76-05/10/78	1	15	
INDU0127	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/12/77-05/10/78	1	12	
INDU0128	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/11/77-03/11/77	0	1	
INDU0129	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/77-05/10/78	0	8	
INDU0130	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/11/77-05/09/78	1	10	
INDU0131	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/30/77-11/17/77	0	3	
INDU0134	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/10/77-05/09/78	1	11	
INDU0135	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/11/77-08/26/81	4	11	
INDU0136	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/14/77-11/17/77	0	7	
INDU0151	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/06/78-02/27/80	1	4	
INDU0157	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/62-08/31/62	0	1	
INDU0191	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/19/89-09/19/89	0	2	
INDU0237	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/62-08/31/62	0	1	
INDU0240	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/22/63-09/18/63	0	4	
INDU0251	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/26/63-09/18/63	0	4	
INDU0270	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/19/89-09/19/89	0	2	
INDU0273	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/22/63-09/08/63	0	4	
INDU0278	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/22/63-09/18/63	0	3	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0285	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/22/63-09/18/63	0	7	
INDU0298	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/62-01/01/69	6	12	
INDU0302	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/22/63-09/05/63	0	2	
INDU0305	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/11/73-07/28/73	0	4	
INDU0312	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/13/70-10/13/70	0	1	
INDU0325	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/11/73-07/28/73	0	4	
INDU0093	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	09/01/77-09/01/77	0	1	
INDU0102	No	01091	ZINC, SUSPENDED (UG/L ZN)	09/01/77-09/01/77	0	1	
INDU0105	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	0	1	
INDU0113	No	01091	ZINC, SUSPENDED (UG/L ZN)	08/30/77-08/30/77	0	1	
INDU0115	No	01091	ZINC, SUSPENDED (UG/L ZN)	08/30/77-08/30/77	0	1	
INDU0116	No	01091	ZINC, SUSPENDED (UG/L ZN)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	0	1	
INDU0123	No	01091	ZINC, SUSPENDED (UG/L ZN)	08/30/77-08/30/77	0	1	
INDU0125	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	08/30/77-08/30/77	0	1	
INDU0136	No	01091	ZINC, SUSPENDED (UG/L ZN)	08/30/77-08/30/77	0	1	
INDU0151	Yes	01091	ZINC, SUSPENDED (UG/L ZN)	11/06/78-02/27/80	1	3	
INDU0305	No	01091	ZINC, SUSPENDED (UG/L ZN)	06/11/73-07/28/73	0	4	
INDU0325	No	01091	ZINC, SUSPENDED (UG/L ZN)	06/11/73-07/28/73	0	4	
INDU0009	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	21	135	
INDU0028	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/03/75-02/03/75	0	1	
INDU0030	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	19	169	
INDU0065	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/30/78-11/30/78	0	1	
INDU0093	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	09/01/77-09/01/77	0	1	
INDU0102	No	01092	ZINC, TOTAL (UG/L AS ZN)	09/01/77-09/01/77	0	1	
INDU0104	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/01/77-11/23/77	0	4	
INDU0105	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	0	1	
INDU0113	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/30/77-08/30/77	0	1	
INDU0115	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/30/77-08/30/77	0	1	
INDU0116	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	0	1	
INDU0123	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/30/77-08/30/77	0	1	
INDU0124	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	04/20/77-10/12/77	0	4	
INDU0125	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	08/30/77-08/30/77	0	1	
INDU0136	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/30/77-08/30/77	0	1	
INDU0140	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	11/09/76-11/09/76	0	1	
INDU0151	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	11/06/78-02/27/80	1	3	
INDU0169	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/20/74-11/02/77	3	44	
INDU0179	No	01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	11	132	
INDU0184	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/13/71-11/20/84	13	113	
INDU0191	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/19/89-09/19/89	0	2	
INDU0208	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/20/74-11/02/77	3	42	
INDU0214	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	07/31/73-07/31/73	0	1	
INDU0243	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	
INDU0244	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	
INDU0261	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	
INDU0263	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	
INDU0267	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	
INDU0269	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/07/77-07/07/77	0	1	
INDU0270	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/19/89-09/19/89	0	2	
INDU0281	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	
INDU0283	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	

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Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0284	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	
INDU0286	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	
INDU0296	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	
INDU0299	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	
INDU0300	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	
INDU0301	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	
INDU0304	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	
INDU0320	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	
INDU0321	No	01092	ZINC, TOTAL (UG/L AS ZN)	12/13/88-07/27/92	3	15	
INDU0324	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	
INDU0328	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/24/70-01/11/73	2	17	
INDU0329	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	
INDU0331	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	16	161	
INDU0332	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/03/84-10/03/84	0	1	
INDU0007	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	0	2	
INDU0010	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	0	1	
INDU0013	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/73-06/22/73	0	2	
INDU0014	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/73-06/22/73	0	2	
INDU0017	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/73-06/22/73	0	2	
INDU0018	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/73-06/22/73	0	2	
INDU0019	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/73-06/22/73	0	2	
INDU0020	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	0	1	
INDU0021	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	0	1	
INDU0022	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/73-06/22/73	0	2	
INDU0023	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/73-06/22/73	0	2	
INDU0024	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	0	1	
INDU0026	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	0	1	
INDU0027	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/15/78-08/26/79	0	2	
INDU0029	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	0	1	
INDU0031	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/09/70-06/09/70	0	1	
INDU0032	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	0	1	
INDU0033	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	0	1	
INDU0036	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	0	1	
INDU0037	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	0	1	
INDU0039	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/09/70-06/09/70	0	1	
INDU0043	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/09/70-06/09/70	0	1	
INDU0046	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/09/70-06/09/70	0	1	
INDU0047	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/09/70-06/09/70	0	1	
INDU0055	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/02/73-08/26/79	6	3	
INDU0063	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/26/79-04/09/80	0	2	
INDU0072	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/17/78-04/08/80	1	3	
INDU0093	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/24/76-06/24/76	0	1	
INDU0094	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/02/73-04/08/80	6	7	
INDU0101	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/28/76-04/13/77	0	2	
INDU0102	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/13/77-04/13/77	0	2	
INDU0103	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/12/75-07/12/80	4	7	
INDU0105	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/13/77-04/13/77	0	1	
INDU0112	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/29/76-09/29/76	0	1	
INDU0113	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/12/77-04/12/77	0	1	
INDU0118	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/18/77-05/18/77	0	1	
INDU0123	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/28/76-02/10/77	0	2	
INDU0126	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/01/73-07/12/80	6	7	
INDU0127	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/12/77-04/12/77	0	1	
INDU0130	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/11/77-02/11/77	0	1	
INDU0134	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/10/77-03/10/77	0	1	
INDU0151	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/17/78-08/24/79	0	2	
INDU0156	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/22/75-04/22/75	0	1	
INDU0158	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/22/75-04/22/75	0	1	
INDU0159	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/22/75-04/22/75	0	1	
INDU0162	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/22/75-04/22/75	0	1	
INDU0163	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/22/75-04/22/75	0	1	
INDU0164	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/17/78-08/24/79	0	2	
INDU0166	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/22/75-04/22/75	0	2	
INDU0167	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/22/75-04/22/75	0	1	
INDU0168	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/22/75-04/22/75	0	1	
INDU0172	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/15/79-10/15/79	0	1	
INDU0176	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/23/81-09/23/81	0	3	
INDU0194	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/28/79-09/03/80	1	3	
INDU0195	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/24/81-09/24/81	0	3	
INDU0206	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/13/79-10/13/79	0	3	
INDU0207	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/23/81-09/23/81	0	3	
INDU0214	Yes	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/27/76-06/27/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0215	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/12/79-10/12/79	0	1	
INDU0216	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/18/78-04/08/80	1	2	
INDU0220	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/10/79-10/10/79	0	3	
INDU0229	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/80-12/04/80	0	2	
INDU0230	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/16/78-08/23/79	0	2	
INDU0236	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/16/78-08/23/79	0	2	
INDU0239	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	0	1	
INDU0246	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	0	1	
INDU0247	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	0	1	
INDU0248	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	0	1	
INDU0249	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	0	1	
INDU0250	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	0	1	
INDU0254	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	0	1	
INDU0255	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	0	1	
INDU0256	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	0	1	
INDU0257	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	0	1	
INDU0258	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	0	1	
INDU0259	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	0	1	
INDU0260	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	0	1	
INDU0266	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/16/79-10/16/79	0	3	
INDU0275	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/04/79-10/04/79	0	1	
INDU0282	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/08/79-10/08/79	0	1	
INDU0322	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/02/79-10/02/79	0	3	
INDU0323	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/80-12/04/80	0	2	
INDU0330	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/03/79-10/03/79	0	3	
INDU0333	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/80-12/04/80	0	1	
INDU0009	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	03/29/89-07/28/92	3	12	
INDU0179	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	03/29/89-07/27/92	3	13	
INDU0321	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	03/29/89-07/27/92	3	13	
INDU0176	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/23/81-09/23/81	0	3	
INDU0195	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/24/81-09/24/81	0	3	
INDU0207	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/23/81-09/23/81	0	3	
INDU0229	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	12/04/80-12/04/80	0	2	
INDU0323	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	12/04/80-12/04/80	0	2	
INDU0333	No	01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	12/04/80-12/04/80	0	1	
INDU0055	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/02/73-08/02/73	0	1	
INDU0093	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/30/77-08/30/77	0	1	
INDU0094	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/02/73-10/01/73	0	2	
INDU0098	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/01/77-09/01/77	0	1	
INDU0102	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/01/77-09/01/77	0	1	
INDU0104	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/01/77-11/23/77	0	4	
INDU0105	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0113	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/30/77-08/30/77	0	1	
INDU0115	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/30/77-08/30/77	0	1	
INDU0116	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0123	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/30/77-08/30/77	0	1	
INDU0124	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	04/20/77-10/12/77	0	4	
INDU0125	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/01/73-08/31/77	4	2	
INDU0127	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/30/77-08/30/77	0	1	
INDU0136	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	08/30/77-08/30/77	0	1	
INDU0191	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	04/19/89-09/19/89	0	2	
INDU0214	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/31/73-07/31/73	0	1	
INDU0270	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	04/19/89-09/19/89	0	2	
INDU0298	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	04/01/63-01/01/69	5	11	
INDU0093	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/30/77-05/09/78	0	8	
INDU0096	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/04/78-05/09/78	0	2	
INDU0098	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/01/77-09/01/77	0	1	
INDU0101	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/28/76-05/10/78	1	10	
INDU0102	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/28/76-05/10/78	1	16	
INDU0105	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/13/77-08/25/81	4	15	
INDU0107	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/31/77-08/31/77	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0109	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/29/76-08/31/77	0	5	
INDU0113	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/11/77-08/30/77	0	3	
INDU0115	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/15/77-05/09/78	1	11	
INDU0116	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/17/77-08/26/81	4	14	
INDU0118	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/29/76-08/31/77	0	2	
INDU0121	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0122	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/09/78-05/09/78	0	1	
INDU0123	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/28/76-05/09/78	1	13	
INDU0124	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/19/80-02/19/80	0	1	
INDU0125	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/28/76-05/10/78	1	15	
INDU0127	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/12/77-05/10/78	1	12	
INDU0128	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/11/77-03/11/77	0	1	
INDU0129	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/31/77-05/10/78	0	8	
INDU0130	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/11/77-05/09/78	1	10	
INDU0131	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/30/77-11/17/77	0	3	
INDU0134	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/10/77-05/09/78	1	11	
INDU0135	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/11/77-08/26/81	4	11	
INDU0136	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/14/77-11/17/77	0	7	
INDU0191	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/19/89-09/19/89	0	2	
INDU0270	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/19/89-09/19/89	0	2	
INDU0093	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/30/77-08/30/77	0	1	
INDU0098	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	09/01/77-09/01/77	0	1	
INDU0102	No	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	09/01/77-09/01/77	0	1	
INDU0105	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0107	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0108	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0109	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0112	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0113	No	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/30/77-08/30/77	0	1	
INDU0115	No	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/30/77-08/30/77	0	1	
INDU0116	No	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/30/77-08/30/77	0	1	
INDU0118	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0121	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0123	No	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/30/77-08/30/77	0	1	
INDU0125	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0126	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0127	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0129	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	0	1	
INDU0131	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/30/77-08/30/77	0	1	
INDU0134	Yes	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/30/77-08/30/77	0	1	
INDU0136	No	01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/30/77-08/30/77	0	1	
INDU0055	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	06/22/76-06/22/76	0	1	
INDU0093	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	06/24/76-06/24/76	0	1	
INDU0094	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/27/77-08/08/78	1	2	
INDU0101	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/28/76-04/13/77	0	2	
INDU0102	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/13/77-04/13/77	0	2	
INDU0103	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	11/12/75-08/10/78	2	4	
INDU0105	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/13/77-04/13/77	0	1	
INDU0112	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/29/76-02/11/77	0	2	
INDU0118	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	05/18/77-05/18/77	0	1	
INDU0123	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/28/76-02/10/77	0	2	
INDU0126	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	11/12/75-04/12/77	1	3	
INDU0127	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/12/77-04/12/77	0	1	
INDU0130	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	02/11/77-02/11/77	0	1	
INDU0134	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	03/10/77-03/10/77	0	1	
INDU0176	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/23/81-09/23/81	0	3	
INDU0195	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/24/81-09/24/81	0	3	
INDU0207	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/23/81-09/23/81	0	3	
INDU0214	Yes	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	06/27/76-06/27/76	0	1	
INDU0229	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	12/04/80-12/04/80	0	2	
INDU0323	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	12/04/80-12/04/80	0	2	
INDU0333	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	12/04/80-12/04/80	0	1	
INDU0101	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/28/76-09/28/76	0	1	
INDU0102	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/28/77-07/28/77	0	1	
INDU0105	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/29/77-07/29/77	0	1	
INDU0112	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/29/76-09/29/76	0	1	
INDU0115	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/30/77-07/30/77	0	1	
INDU0116	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/30/77-07/30/77	0	1	
INDU0118	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/29/76-09/29/76	0	1	
INDU0123	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/28/76-07/29/77	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0126	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/28/76-07/29/77	0	2	
INDU0127	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/29/77-07/29/77	0	1	
INDU0130	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/29/77-07/29/77	0	1	
INDU0131	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/30/77-07/30/77	0	1	
INDU0134	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/29/77-07/29/77	0	1	
INDU0136	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/30/77-07/30/77	0	1	
INDU0151	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/06/78-02/27/80	1	4	
INDU0298	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/62-04/01/63	0	2	
INDU0151	Yes	01146	SELENIUM, SUSPENDED (UG/L AS SE)	11/06/78-02/27/80	1	3	
INDU0009	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	6	68	
INDU0028	No	01147	SELENIUM, TOTAL (UG/L AS SE)	02/03/75-02/03/75	0	1	
INDU0030	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	6	64	
INDU0040	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-09/23/81	1	15	
INDU0041	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/17/80-09/17/80	0	3	
INDU0052	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-07/20/81	1	4	
INDU0053	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/80-09/23/81	1	11	
INDU0061	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/18/81-09/23/81	0	8	
INDU0065	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/30/78-11/30/78	0	1	
INDU0069	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-09/23/81	1	5	
INDU0073	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/23/81-09/23/81	0	2	
INDU0078	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/80-07/21/80	0	3	
INDU0079	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/80-09/23/81	1	4	
INDU0084	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-09/17/80	0	4	
INDU0089	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	09/17/80-09/17/80	0	2	
INDU0110	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/23/81-09/23/81	0	2	
INDU0146	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/18/81-10/20/81	0	6	
INDU0149	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/19/80-10/20/81	1	15	
INDU0151	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	11/06/78-02/27/80	1	3	
INDU0155	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/18/80-06/25/81	0	7	
INDU0179	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/27/92	6	73	
INDU0201	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/80-07/22/81	1	6	
INDU0202	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/16/80-09/16/80	0	2	
INDU0203	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-10/20/81	1	6	
INDU0211	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-07/22/81	1	10	
INDU0212	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/80-06/02/81	0	6	
INDU0217	No	01147	SELENIUM, TOTAL (UG/L AS SE)	10/20/81-10/20/81	0	3	
INDU0218	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-07/22/81	1	8	
INDU0222	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-05/20/80	0	2	
INDU0223	No	01147	SELENIUM, TOTAL (UG/L AS SE)	06/02/81-06/02/81	0	2	
INDU0226	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-06/25/81	1	4	
INDU0227	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/16/80-06/02/81	0	6	
INDU0234	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/80-07/22/81	1	5	
INDU0235	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-10/20/81	1	11	
INDU0241	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-10/20/81	1	6	
INDU0242	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/80-07/22/81	1	7	
INDU0268	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/80-07/22/81	1	6	
INDU0294	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-10/20/81	1	16	
INDU0295	No	01147	SELENIUM, TOTAL (UG/L AS SE)	06/24/81-06/24/81	0	3	
INDU0297	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/16/80-10/20/81	1	5	
INDU0311	No	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/80-07/22/80	0	2	
INDU0321	No	01147	SELENIUM, TOTAL (UG/L AS SE)	05/21/86-07/27/92	6	73	
INDU0101	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/28/76-09/28/76	0	1	
INDU0103	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/12/80-07/12/80	0	1	
INDU0112	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/29/76-09/29/76	0	1	
INDU0123	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/28/76-09/28/76	0	1	
INDU0126	Yes	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/28/76-07/12/80	3	2	
INDU0171	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/08/81-07/08/81	0	1	
INDU0174	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/08/81-07/08/81	0	1	
INDU0176	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/23/81-09/23/81	0	3	
INDU0178	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/08/81-07/08/81	0	1	
INDU0182	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/08/81-07/08/81	0	1	
INDU0185	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/08/81-07/08/81	0	1	
INDU0186	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/08/81-07/08/81	0	1	
INDU0189	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/08/81-07/08/81	0	1	
INDU0195	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/24/81-09/24/81	0	3	
INDU0207	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/23/81-09/23/81	0	3	
INDU0229	No	01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	12/04/80-12/04/80	0	2	
INDU0323	No	01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	12/04/80-12/04/80	0	2	
INDU0333	No	01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	12/04/80-12/04/80	0	1	
INDU0007	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	0	2	
INDU0010	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	0	1	
INDU0021	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0026	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	0	1	
INDU0029	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	0	1	
INDU0031	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/09/70-06/09/70	0	1	
INDU0032	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	0	1	
INDU0033	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	0	1	
INDU0036	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	0	1	
INDU0037	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	0	1	
INDU0039	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/09/70-06/09/70	0	1	
INDU0043	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/09/70-06/09/70	0	1	
INDU0046	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/09/70-06/09/70	0	1	
INDU0047	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/09/70-06/09/70	0	1	
INDU0094	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/27/77-08/08/78	1	2	
INDU0101	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/28/76-09/28/76	0	1	
INDU0103	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/28/77-08/10/78	1	2	
INDU0112	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/29/76-09/29/76	0	1	
INDU0123	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/28/76-09/28/76	0	1	
INDU0126	Yes	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/28/76-09/28/76	0	1	
INDU0156	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/22/75-04/22/75	0	1	
INDU0158	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/22/75-04/22/75	0	1	
INDU0159	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/22/75-04/22/75	0	1	
INDU0162	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/22/75-04/22/75	0	1	
INDU0163	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/22/75-04/22/75	0	1	
INDU0166	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/22/75-04/22/75	0	2	
INDU0167	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/22/75-04/22/75	0	1	
INDU0168	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/22/75-04/22/75	0	1	
INDU0172	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	10/15/79-10/15/79	0	1	
INDU0176	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/23/81-09/23/81	0	3	
INDU0194	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/28/79-09/03/80	1	3	
INDU0195	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/24/81-09/24/81	0	3	
INDU0206	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	10/13/79-10/13/79	0	3	
INDU0207	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/23/81-09/23/81	0	3	
INDU0215	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	10/12/79-10/12/79	0	1	
INDU0220	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	10/10/79-10/10/79	0	3	
INDU0229	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/04/80-12/04/80	0	2	
INDU0266	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	10/16/79-10/16/79	0	3	
INDU0275	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	10/04/79-10/04/79	0	1	
INDU0282	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	10/08/79-10/08/79	0	1	
INDU0322	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	10/02/79-10/02/79	0	3	
INDU0323	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/04/80-12/04/80	0	2	
INDU0330	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	10/03/79-10/03/79	0	3	
INDU0333	No	01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/04/80-12/04/80	0	1	
INDU0298	No	01501	ALPHA, TOTAL	10/27/58-05/11/65	6	65	
INDU0298	No	01502	ALPHA, TOTAL, COUNTING ERROR	10/27/58-05/11/65	6	43	
INDU0030	No	01503	ALPHA, DISSOLVED	10/21/81-10/21/81	0	1	
INDU0184	No	01503	ALPHA, DISSOLVED	02/20/73-11/21/84	11	52	
INDU0298	No	01503	ALPHA, DISSOLVED	10/27/58-05/11/65	6	65	
INDU0030	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	10/21/81-10/21/81	0	1	
INDU0184	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	11	85	
INDU0298	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	10/27/58-05/11/65	6	43	
INDU0184	No	01505	ALPHA, SUSPENDED	02/20/73-11/21/84	11	67	
INDU0298	No	01505	ALPHA, SUSPENDED	10/27/58-05/11/65	6	65	
INDU0030	No	01506	ALPHA, SUSPENDED, COUNTING ERROR	10/21/81-10/21/81	0	1	
INDU0184	No	01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	11	85	
INDU0298	No	01506	ALPHA, SUSPENDED, COUNTING ERROR	10/27/58-05/11/65	6	43	
INDU0105	Yes	01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	02/18/81-05/19/81	0	2	
INDU0116	No	01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	02/19/81-05/20/81	0	2	
INDU0124	Yes	01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	02/19/81-02/19/81	0	1	
INDU0135	Yes	01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	02/19/81-05/20/81	0	2	
INDU0105	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	02/18/81-08/25/81	0	3	
INDU0116	No	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	02/19/81-05/20/81	0	2	
INDU0124	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	02/19/81-02/19/81	0	1	
INDU0135	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	02/19/81-05/20/81	0	2	
INDU0088	No	03501	BETA, TOTAL	09/04/68-09/11/68	0	2	
INDU0092	Yes	03501	BETA, TOTAL	09/04/68-09/11/68	0	2	
INDU0152	No	03501	BETA, TOTAL	09/04/68-09/11/68	0	2	
INDU0197	No	03501	BETA, TOTAL	09/04/68-09/11/68	0	2	
INDU0198	No	03501	BETA, TOTAL	09/04/68-09/11/68	0	2	
INDU0224	No	03501	BETA, TOTAL	09/04/68-09/11/68	0	2	
INDU0225	No	03501	BETA, TOTAL	09/04/68-09/11/68	0	2	
INDU0231	No	03501	BETA, TOTAL	09/04/68-09/11/68	0	2	
INDU0298	No	03501	BETA, TOTAL	10/06/58-05/11/65	6	151	
INDU0298	No	03502	BETA, TOTAL, COUNTING ERROR	10/06/58-05/11/65	6	114	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0030	No	03503	BETA, DISSOLVED	10/21/81-10/21/81	0	1	
INDU0184	No	03503	BETA, DISSOLVED	02/20/73-11/21/84	11	85	
INDU0298	No	03503	BETA, DISSOLVED	10/06/58-05/11/65	6	151	
INDU0030	No	03504	BETA, DISSOLVED, COUNTING ERROR	10/21/81-10/21/81	0	1	
INDU0184	No	03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	11	85	
INDU0298	No	03504	BETA, DISSOLVED, COUNTING ERROR	10/06/58-05/11/65	6	114	
INDU0184	No	03505	BETA, SUSPENDED	05/02/73-11/21/84	11	81	
INDU0298	No	03505	BETA, SUSPENDED	10/06/58-05/11/65	6	151	
INDU0030	No	03506	BETA, SUSPENDED, COUNTING ERROR	10/21/81-10/21/81	0	1	
INDU0184	No	03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	11	85	
INDU0298	No	03506	BETA, SUSPENDED, COUNTING ERROR	10/06/58-05/11/65	6	114	
INDU0105	Yes	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	02/18/81-08/25/81	0	3	
INDU0112	Yes	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	02/11/77-02/11/77	0	1	
INDU0116	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	02/19/81-08/26/81	0	3	
INDU0123	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	02/10/77-02/10/77	0	1	
INDU0126	Yes	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	02/10/77-02/10/77	0	1	
INDU0130	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	02/11/77-02/11/77	0	1	
INDU0135	Yes	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	02/19/81-08/26/81	0	3	
INDU0105	Yes	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	02/18/81-08/25/81	0	3	
INDU0112	Yes	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	02/11/77-02/11/77	0	1	
INDU0116	No	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	02/19/81-08/26/81	0	3	
INDU0123	No	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	02/10/77-02/10/77	0	1	
INDU0126	Yes	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	02/10/77-02/10/77	0	1	
INDU0130	No	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	02/11/77-02/11/77	0	1	
INDU0135	Yes	03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	02/19/81-08/26/81	0	3	
INDU0145	No	04022	TERBUTHYLAZINE,DISSOLVED,WATER,TOT RECOVERABL UG/L	09/01/72-05/31/73	0	262	
INDU0298	No	13501	STRONTIUM 90, TOTAL	01/01/59-01/01/65	6	16	
INDU0298	No	13502	STRONTIUM 90, TOTAL, COUNTING ERROR	01/01/65-01/01/65	0	1	
INDU0184	No	27502	YTTRIUM 90, TOTAL, COUNTING ERROR	01/05/65-12/06/66	1	35	
INDU0331	No	27502	YTTRIUM 90, TOTAL, COUNTING ERROR	01/05/65-11/08/66	1	15	
INDU0184	No	29620	PHOSPHORUS 32, TOTAL	06/27/79-06/27/79	0	1	
INDU0002	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/73-08/07/73	0	1	
INDU0009	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/12/70-11/19/85	15	71	
INDU0030	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/24/81-06/08/82	0	3	
INDU0055	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/08/73-08/08/73	0	1	
INDU0058	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/18/73-10/18/73	0	1	
INDU0063	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/08/73-08/08/73	0	1	
INDU0076	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/18/73-10/18/73	0	1	
INDU0085	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/18/73-10/18/73	0	1	
INDU0088	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	4	70	
INDU0092	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	4	72	
INDU0094	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/73-08/07/73	0	1	
INDU0095	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/73-08/07/73	0	1	
INDU0098	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/73-08/07/73	0	1	
INDU0103	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/73-08/07/73	0	1	
INDU0137	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/18/73-10/18/73	0	1	
INDU0140	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/26/71-01/26/71	0	1	
INDU0151	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/78-06/11/80	2	10	
INDU0152	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	4	73	
INDU0169	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-09/24/80	14	125	
INDU0179	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-12/18/85	19	168	
INDU0184	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	19	216	
INDU0197	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	4	71	
INDU0198	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	4	71	
INDU0208	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-01/26/71	5	112	
INDU0209	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/18/73-10/18/73	0	1	
INDU0214	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/31/73-07/31/73	0	1	
INDU0224	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	4	71	
INDU0225	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/67-09/29/71	4	71	
INDU0231	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	4	71	
INDU0243	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	
INDU0244	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	
INDU0261	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	
INDU0263	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	
INDU0267	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	
INDU0281	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	
INDU0283	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	
INDU0284	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	
INDU0286	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	
INDU0296	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	
INDU0299	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	
INDU0300	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0301	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	
INDU0304	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	
INDU0320	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	
INDU0324	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	
INDU0328	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/65-09/09/71	6	210	
INDU0329	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	
INDU0331	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-09/27/72	7	182	
INDU0332	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/03/84-10/03/84	0	1	
INDU0190	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/11/78-12/16/91	13	93	
INDU0271	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/11/78-12/16/91	13	95	
INDU0298	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	10	440	
INDU0044	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/06/72-04/25/73	0	13	
INDU0045	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/06/72-04/25/73	0	13	
INDU0138	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/09/72-04/25/73	1	30	
INDU0139	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/07/72-04/25/73	0	22	
INDU0088	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	2	48	
INDU0092	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	2	50	
INDU0152	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	2	49	
INDU0197	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	2	51	
INDU0198	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	2	51	
INDU0224	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	2	50	
INDU0225	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/24/67-09/10/69	2	51	
INDU0231	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	2	49	
INDU0002	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/73-06/26/76	2	3	
INDU0003	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/76-06/26/76	0	2	
INDU0009	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	18	178	
INDU0027	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/78-08/23/79	0	4	
INDU0030	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	15	152	
INDU0055	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/08/73-08/23/79	6	8	
INDU0057	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	0	3	
INDU0063	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/08/73-08/23/79	6	8	
INDU0064	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	0	4	
INDU0072	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/14/78-08/22/79	0	4	
INDU0074	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/78-08/23/79	0	4	
INDU0080	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	0	4	
INDU0082	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	0	4	
INDU0088	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	1	22	
INDU0092	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	1	21	
INDU0093	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/25/74-06/24/76	2	3	
INDU0094	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/73-08/22/79	6	15	
INDU0095	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/73-04/25/74	0	3	
INDU0098	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/73-01/24/74	0	2	
INDU0103	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/73-08/28/74	1	3	
INDU0122	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/23/76-06/23/76	0	1	
INDU0126	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/76-06/27/76	0	1	
INDU0140	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	17	211	
INDU0143	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/14/86-03/29/88	2	25	
INDU0151	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/18/78-08/22/79	1	9	
INDU0152	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	1	22	
INDU0169	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	18	239	
INDU0179	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	18	230	
INDU0184	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	14	201	
INDU0190	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	13	93	
INDU0191	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/11/81-09/19/89	8	3	
INDU0193	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	0	5	
INDU0197	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	1	20	
INDU0198	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	1	20	
INDU0199	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	0	5	
INDU0208	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	18	220	
INDU0214	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/31/73-04/25/74	0	3	
INDU0216	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/78-08/22/79	0	4	
INDU0224	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	1	20	
INDU0225	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	1	19	
INDU0230	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/78-08/22/79	0	4	
INDU0231	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	1	21	
INDU0236	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/78-08/22/79	0	4	
INDU0270	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/19/89-09/19/89	0	2	
INDU0271	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	13	95	
INDU0279	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	0	5	
INDU0321	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/86-03/30/88	2	26	
INDU0328	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/05/66-09/09/71	5	186	
INDU0331	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	15	204	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0151	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	01/15/80-06/11/80	0	5	
INDU0009	No	31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/28/92	4	49	
INDU0030	No	31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/28/92	4	47	
INDU0140	Yes	31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	4	48	
INDU0143	No	31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	4	47	
INDU0169	No	31648	E. COLI - MTEC-MF N0/100ML	04/27/88-06/24/92	4	50	
INDU0179	No	31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	4	50	
INDU0208	No	31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	4	47	
INDU0321	No	31648	E. COLI - MTEC-MF N0/100ML	04/28/88-07/27/92	4	46	
INDU0027	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/23/79	0	4	
INDU0055	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/23/79	0	4	
INDU0063	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/23/79	0	4	
INDU0072	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/14/78-08/22/79	0	4	
INDU0074	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/23/79	0	4	
INDU0094	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/27/79-08/22/79	0	3	
INDU0151	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/18/78-06/11/80	2	14	
INDU0216	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/22/79	0	4	
INDU0230	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/22/79	0	4	
INDU0236	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/22/79	0	4	
INDU0328	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	6	212	
INDU0331	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/13/71-09/27/72	1	31	
INDU0002	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/07/73-06/26/76	2	2	
INDU0003	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/26/76-06/26/76	0	2	
INDU0055	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/08/73-08/26/74	1	5	
INDU0058	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/73-10/18/73	0	1	
INDU0063	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/08/73-06/22/76	2	5	
INDU0076	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/73-10/18/73	0	1	
INDU0085	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/73-10/18/73	0	1	
INDU0093	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/25/74-06/24/76	2	3	
INDU0094	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/07/73-11/12/76	3	13	
INDU0095	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/07/73-04/25/74	0	3	
INDU0098	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/07/73-01/24/74	0	3	
INDU0103	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/07/73-08/28/74	1	3	
INDU0122	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/23/76-06/23/76	0	1	
INDU0126	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/27/76-06/27/76	0	1	
INDU0137	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/73-10/18/73	0	1	
INDU0190	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/11/78-12/16/91	13	91	
INDU0209	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/73-10/18/73	0	1	
INDU0214	Yes	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/31/73-04/25/74	0	4	
INDU0271	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/11/78-12/16/91	13	93	
INDU0057	No	31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	0	3	
INDU0064	No	31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	0	4	
INDU0080	No	31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	0	4	
INDU0082	No	31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	0	4	
INDU0193	No	31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	0	5	
INDU0199	No	31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	0	5	
INDU0279	No	31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	0	5	
INDU0190	No	31753	TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	13	93	
INDU0271	No	31753	TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	13	95	
INDU0190	No	31856	FUNGI,7 DAY,NUMBER OF COLONIES PER ML	04/11/78-12/16/91	13	92	
INDU0271	No	31856	FUNGI,7 DAY,NUMBER OF COLONIES PER ML	04/11/78-12/16/91	13	94	
INDU0298	No	32000	SAMPLE SIZE (LITERS)	10/04/66-11/11/69	3	26	
INDU0298	No	32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	11	127	
INDU0298	No	32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	11	133	
INDU0298	No	32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	11	133	
INDU0298	No	32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	11	133	
INDU0298	No	32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	10/06/58-11/05/63	5	43	
INDU0298	No	32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	10/06/58-11/05/63	5	43	
INDU0298	No	32023	ACIDS, STRONG	10/06/58-11/05/63	5	43	
INDU0298	No	32024	ACIDS, WEAK	10/06/58-11/05/63	5	43	
INDU0298	No	32025	BASES	10/06/58-11/05/63	5	43	
INDU0298	No	32026	NEUTRALS, TOTAL	10/06/58-11/05/63	5	43	
INDU0298	No	32027	ALIPHATICS FRACTION OF NEUTRALS	10/06/58-11/05/63	5	43	
INDU0298	No	32028	AROMATICS FRACTION OF NEUTRALS	10/06/58-11/05/63	5	43	
INDU0298	No	32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	10/06/58-11/05/63	5	43	
INDU0009	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	
INDU0028	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	02/03/75-02/03/75	0	1	
INDU0179	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/29/89-04/22/92	3	11	
INDU0191	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/19/89-09/19/89	0	2	
INDU0270	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/19/89-09/19/89	0	2	
INDU0321	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0028	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	02/03/75-02/03/75	0	1	
INDU0179	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/29/89-04/22/92	3	11	
INDU0191	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/19/89-09/19/89	0	2	
INDU0270	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/19/89-09/19/89	0	2	
INDU0321	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	32104	BROMOFORM,WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	
INDU0028	No	32104	BROMOFORM,WHOLE WATER,UG/L	02/03/75-02/03/75	0	1	
INDU0179	No	32104	BROMOFORM,WHOLE WATER,UG/L	03/29/89-04/22/92	3	11	
INDU0191	No	32104	BROMOFORM,WHOLE WATER,UG/L	04/19/89-09/19/89	0	2	
INDU0270	No	32104	BROMOFORM,WHOLE WATER,UG/L	04/19/89-09/19/89	0	2	
INDU0321	No	32104	BROMOFORM,WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	
INDU0028	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	02/03/75-02/03/75	0	1	
INDU0179	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/29/89-04/22/92	3	11	
INDU0191	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/19/89-09/19/89	0	2	
INDU0270	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/19/89-09/19/89	0	2	
INDU0321	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	32106	CHLOROFORM,WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	
INDU0028	No	32106	CHLOROFORM,WHOLE WATER,UG/L	02/03/75-02/03/75	0	1	
INDU0179	No	32106	CHLOROFORM,WHOLE WATER,UG/L	03/29/89-04/22/92	3	11	
INDU0191	No	32106	CHLOROFORM,WHOLE WATER,UG/L	04/19/89-09/19/89	0	2	
INDU0270	No	32106	CHLOROFORM,WHOLE WATER,UG/L	04/19/89-09/19/89	0	2	
INDU0321	No	32106	CHLOROFORM,WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0057	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/11/77-09/24/77	0	6	
INDU0064	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/11/77-09/24/77	0	8	
INDU0080	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/11/77-09/24/77	0	6	
INDU0082	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/11/77-09/24/77	0	8	
INDU0193	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/11/77-09/24/77	0	8	
INDU0199	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/11/77-09/24/77	0	8	
INDU0279	No	32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/11/77-09/24/77	0	8	
INDU0191	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/19/89-09/19/89	0	2	
INDU0270	No	32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/19/89-09/19/89	0	2	
INDU0191	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/19/89-09/19/89	0	2	
INDU0270	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/19/89-09/19/89	0	2	
INDU0191	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/19/89-09/19/89	0	2	
INDU0270	No	32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/19/89-09/19/89	0	2	
INDU0057	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/11/77-09/24/77	0	6	
INDU0064	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/11/77-09/24/77	0	8	
INDU0080	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/11/77-09/24/77	0	6	
INDU0082	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/11/77-09/24/77	0	8	
INDU0193	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/11/77-09/24/77	0	8	
INDU0199	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/11/77-09/24/77	0	8	
INDU0279	No	32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/11/77-09/24/77	0	8	
INDU0191	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/19/89-09/19/89	0	2	
INDU0270	No	32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/19/89-09/19/89	0	2	
INDU0191	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/19/89-09/19/89	0	2	
INDU0270	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/19/89-09/19/89	0	2	
INDU0009	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	21	163	
INDU0028	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0030	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/18/73-11/10/76	3	49	
INDU0040	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/08/80-09/23/81	1	19	
INDU0041	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/23/80-10/15/80	0	8	
INDU0050	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/08/80-04/08/80	0	3	
INDU0052	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/20/80-07/20/81	1	4	
INDU0053	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/21/80-09/23/81	1	14	
INDU0061	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/18/81-09/23/81	0	8	
INDU0067	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/28/63-05/28/63	0	1	
INDU0068	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/28/63-05/28/63	0	1	
INDU0069	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/20/80-09/23/81	1	8	
INDU0073	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/23/81-09/23/81	0	2	
INDU0078	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/21/80-07/21/80	0	3	
INDU0079	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/23/81-09/23/81	0	2	
INDU0083	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/23/80-06/23/80	0	2	
INDU0084	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/20/80-09/17/80	0	6	
INDU0086	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/20/62-10/20/62	0	1	
INDU0087	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/63-05/27/63	0	1	
INDU0089	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/17/80-09/17/80	0	2	
INDU0110	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/23/81-09/23/81	0	2	
INDU0140	Yes	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/30/85-10/30/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0142	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-09/09/63	0	5	
INDU0143	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/86-07/27/92	6	74	
INDU0144	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/02/72-05/31/73	0	261	
INDU0145	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/01/72-05/31/73	0	262	
INDU0146	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/09/80-10/20/81	1	13	
INDU0147	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/01/72-05/31/73	0	266	
INDU0148	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/01/72-05/31/73	0	252	
INDU0149	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/19/80-10/20/81	1	21	
INDU0150	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-09/09/63	0	5	
INDU0153	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-09/09/63	0	5	
INDU0155	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	11/18/80-06/25/81	0	7	
INDU0157	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/20/62-05/27/63	0	2	
INDU0161	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-12/08/63	0	14	
INDU0169	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/20/74-12/08/76	2	35	
INDU0179	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	23	131	S
INDU0184	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/13/71-09/26/84	13	102	
INDU0190	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/11/78-12/16/91	13	91	
INDU0191	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0196	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-09/19/63	0	5	
INDU0200	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-12/08/63	0	14	
INDU0201	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/25/80-07/22/81	1	9	
INDU0202	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/16/80-09/16/80	0	2	
INDU0203	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/20/80-10/20/81	1	6	
INDU0204	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-12/08/63	0	14	
INDU0208	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/20/74-07/27/92	18	34	
INDU0210	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/25/80-06/25/80	0	2	
INDU0211	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/09/80-07/22/81	1	14	
INDU0212	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/21/80-06/02/81	0	6	
INDU0213	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-09/19/63	0	5	
INDU0217	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/20/81-10/20/81	0	3	
INDU0218	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/20/80-07/22/81	1	13	
INDU0219	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-12/08/63	0	14	
INDU0223	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/02/81-06/02/81	0	2	
INDU0226	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/20/80-06/25/81	1	4	
INDU0227	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/16/80-06/02/81	0	6	
INDU0232	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-09/18/63	0	5	
INDU0234	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/22/80-07/22/81	1	7	
INDU0235	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/09/80-10/20/81	1	14	
INDU0237	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/19/62-10/19/62	0	1	
INDU0240	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-12/08/63	0	14	
INDU0241	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/25/80-10/20/81	1	7	
INDU0242	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/25/80-07/22/81	1	8	
INDU0243	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	
INDU0244	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	
INDU0245	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-09/18/63	0	6	
INDU0251	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-09/18/63	0	5	
INDU0261	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	
INDU0263	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	
INDU0267	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	
INDU0268	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/22/80-07/22/81	1	6	
INDU0270	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0271	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/11/78-12/16/91	13	93	
INDU0273	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-12/08/63	0	13	
INDU0278	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-09/18/63	0	5	
INDU0281	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	
INDU0283	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	
INDU0284	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	
INDU0285	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-09/18/63	0	6	
INDU0286	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	
INDU0292	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-09/18/63	0	5	
INDU0294	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/20/80-10/20/81	1	22	
INDU0295	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/09/80-06/24/81	1	7	
INDU0296	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	
INDU0297	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/16/80-10/20/81	1	5	
INDU0299	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	
INDU0300	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	
INDU0301	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	
INDU0302	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-12/08/63	0	14	
INDU0304	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	
INDU0311	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/22/80-08/26/80	0	4	
INDU0318	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/04/72-03/30/73	1	112	
INDU0320	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0321	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/15/86-07/27/92	6	77	
INDU0324	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	
INDU0328	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/65-01/16/73	7	240	
INDU0329	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	
INDU0331	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/69-11/02/77	8	83	
INDU0332	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/03/84-10/03/84	0	1	
INDU0229	No	32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	12/04/80-12/04/80	0	2	
INDU0323	No	32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	12/04/80-12/04/80	0	2	
INDU0009	No	32732	PHENOLICS,DISSOLVED,UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	32732	PHENOLICS,DISSOLVED,UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	32732	PHENOLICS,DISSOLVED,UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/29/89-04/22/92	3	10	
INDU0179	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/29/89-04/22/92	3	11	
INDU0321	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/29/89-04/21/92	3	10	
INDU0009	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/29/89-04/22/92	3	10	
INDU0179	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/29/89-04/22/92	3	11	
INDU0321	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/29/89-04/21/92	3	10	
INDU0009	No	34200	ACENAPHTHYLENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34200	ACENAPHTHYLENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34200	ACENAPHTHYLENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34204	ACENAPHTHYLENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34204	ACENAPHTHYLENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34205	ACENAPHTHENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34205	ACENAPHTHENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34205	ACENAPHTHENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34209	ACENAPHTHENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34209	ACENAPHTHENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34220	ANTHRACENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34220	ANTHRACENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34220	ANTHRACENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34224	ANTHRACENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34224	ANTHRACENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	34238	BENZENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34238	BENZENE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34247	BENZO-A-PYRENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34247	BENZO-A-PYRENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34247	BENZO-A-PYRENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34251	BENZO-A-PYRENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34251	BENZO-A-PYRENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0176	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	09/23/81-09/23/81	0	3	
INDU0195	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	09/24/81-09/24/81	0	3	
INDU0207	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	09/23/81-09/23/81	0	3	
INDU0030	No	34258	B-BHC-BETA WET WGTTISMG/KG	09/19/84-11/02/88	4	12	
INDU0179	No	34258	B-BHC-BETA WET WGTTISMG/KG	09/16/82-11/02/88	6	13	
INDU0009	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0176	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/23/81-09/23/81	0	3	
INDU0195	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/24/81-09/24/81	0	3	
INDU0207	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/23/81-09/23/81	0	3	
INDU0030	No	34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	09/19/84-11/02/88	4	6	
INDU0179	No	34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	09/24/86-11/02/88	2	7	
INDU0009	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0009	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	34291	BROMOFORM WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34291	BROMOFORM WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34301	CHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34301	CHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0191	No	34301	CHLOROBENZENE TOTWUG/L	04/19/89-09/19/89	0	2	
INDU0270	No	34301	CHLOROBENZENE TOTWUG/L	04/19/89-09/19/89	0	2	
INDU0321	No	34301	CHLOROBENZENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34305	CHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34305	CHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0030	No	34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0030	No	34315	CHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34315	CHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0030	No	34319	CHLOROFORM WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34319	CHLOROFORM WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34320	CHRYSENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34320	CHRYSENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34320	CHRYSENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34324	CHRYSENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34324	CHRYSENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34336	DIETHYL PHTHALATE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34336	DIETHYL PHTHALATE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34336	DIETHYL PHTHALATE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34340	DIETHYL PHTHALATE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34340	DIETHYL PHTHALATE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34341	DIMETHYL PHTHALATE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34341	DIMETHYL PHTHALATE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34341	DIMETHYL PHTHALATE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0176	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/23/81-09/23/81	0	3	
INDU0195	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/24/81-09/24/81	0	3	
INDU0207	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/23/81-09/23/81	0	3	
INDU0030	No	34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0028	No	34356	ENDOSULFAN, BETA TOTWUG/L	02/03/75-02/03/75	0	1	
INDU0176	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/23/81-09/23/81	0	3	
INDU0195	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/24/81-09/24/81	0	3	
INDU0207	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/23/81-09/23/81	0	3	
INDU0030	No	34360	ENDOSULFAN, BETA WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34360	ENDOSULFAN, BETA WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0028	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	02/03/75-02/03/75	0	1	
INDU0176	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/23/81-09/23/81	0	3	
INDU0195	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/24/81-09/24/81	0	3	
INDU0207	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/23/81-09/23/81	0	3	
INDU0030	No	34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0176	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/23/81-09/23/81	0	3	
INDU0195	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/24/81-09/24/81	0	3	
INDU0207	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/23/81-09/23/81	0	3	
INDU0030	No	34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0030	No	34375	ETHYLBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34375	ETHYLBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34376	FLUORANTHENE TOTWUG/L	03/29/89-04/22/92	3	10	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0179	No	34376	FLUORANTHENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34376	FLUORANTHENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34380	FLUORANTHENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34380	FLUORANTHENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34381	FLUORENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34381	FLUORENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34381	FLUORENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34385	FLUORENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34385	FLUORENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34396	HEXACHLOROETHANE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34396	HEXACHLOROETHANE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34396	HEXACHLOROETHANE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34400	HEXACHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34400	HEXACHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34408	ISOPHORONE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34408	ISOPHORONE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34408	ISOPHORONE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34412	ISOPHORONE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34412	ISOPHORONE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	34417	METHYL BROMIDE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34417	METHYL BROMIDE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0030	No	34422	METHYL CHLORIDE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34422	METHYL CHLORIDE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34423	METHYLENE CHLORIDE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0028	No	34423	METHYLENE CHLORIDE TOTWUG/L	02/03/75-02/03/75	0	1	
INDU0179	No	34423	METHYLENE CHLORIDE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0191	No	34423	METHYLENE CHLORIDE TOTWUG/L	04/19/89-09/19/89	0	2	
INDU0270	No	34423	METHYLENE CHLORIDE TOTWUG/L	04/19/89-09/19/89	0	2	
INDU0321	No	34423	METHYLENE CHLORIDE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34427	METHYLENE CHLORIDE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34427	METHYLENE CHLORIDE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	34446	NAPHTHALENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34446	NAPHTHALENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34447	NITROBENZENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34447	NITROBENZENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34447	NITROBENZENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34451	NITROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34451	NITROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34461	PHENANTHRENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34461	PHENANTHRENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34461	PHENANTHRENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34465	PHENANTHRENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34465	PHENANTHRENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	34468	PHENOL WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34468	PHENOL WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34469	PYRENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34469	PYRENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34469	PYRENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34473	PYRENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34473	PYRENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34475	TETRACHLOROETHYLENE TOTWUG/L	03/29/89-04/22/92	3	10	

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

Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0179	No	34475	TETRACHLOROETHYLENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0191	No	34475	TETRACHLOROETHYLENE TOTWUG/L	04/19/89-09/19/89	0	2	
INDU0270	No	34475	TETRACHLOROETHYLENE TOTWUG/L	04/19/89-09/19/89	0	2	
INDU0321	No	34475	TETRACHLOROETHYLENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0176	No	34480	THALLIUM DRY WGTBOTMG/KG	09/23/81-09/23/81	0	3	
INDU0195	No	34480	THALLIUM DRY WGTBOTMG/KG	09/24/81-09/24/81	0	3	
INDU0207	No	34480	THALLIUM DRY WGTBOTMG/KG	09/23/81-09/23/81	0	3	
INDU0030	No	34484	TOLUENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34484	TOLUENE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0009	No	34496	1,1-DICHLOROETHANE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34496	1,1-DICHLOROETHANE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0191	No	34496	1,1-DICHLOROETHANE TOTWUG/L	04/19/89-09/19/89	0	2	
INDU0270	No	34496	1,1-DICHLOROETHANE TOTWUG/L	04/19/89-09/19/89	0	2	
INDU0321	No	34496	1,1-DICHLOROETHANE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0191	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/19/89-09/19/89	0	2	
INDU0270	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/19/89-09/19/89	0	2	
INDU0321	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0191	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/19/89-09/19/89	0	2	
INDU0270	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/19/89-09/19/89	0	2	
INDU0321	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0191	No	34531	1,2-DICHLOROETHANE TOTWUG/L	04/19/89-09/19/89	0	2	
INDU0270	No	34531	1,2-DICHLOROETHANE TOTWUG/L	04/19/89-09/19/89	0	2	
INDU0030	No	34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/29/89-04/22/92	3	11	
INDU0191	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/19/89-09/19/89	0	2	

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Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0270	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/19/89-09/19/89	0	2	
INDU0321	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0009	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34586	2-CHLOROPHENOL TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34586	2-CHLOROPHENOL TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34586	2-CHLOROPHENOL TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34590	2-CHLOROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34590	2-CHLOROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34591	2-NITROPHENOL TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34591	2-NITROPHENOL TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34591	2-NITROPHENOL TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34595	2-NITROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34595	2-NITROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0030	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	11/02/88-11/02/88	0	2	
INDU0179	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	11/02/88-04/22/92	3	13	
INDU0321	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0009	No	34611	2,4-DINITROTOLUENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34611	2,4-DINITROTOLUENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34611	2,4-DINITROTOLUENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34616	2,4-DINITROPHENOL TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34616	2,4-DINITROPHENOL TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34616	2,4-DINITROPHENOL TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34620	2,4-DINITROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34620	2,4-DINITROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34626	2,6-DINITROTOLUENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34626	2,6-DINITROTOLUENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34626	2,6-DINITROTOLUENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	03/29/89-04/22/92	3	10	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0179	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	34646	4-NITROPHENOL TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34646	4-NITROPHENOL TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34646	4-NITROPHENOL TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34650	4-NITROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34650	4-NITROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0025	No	34669	PCB - 1248 WET WGTTISMG/KG	10/05/80-10/05/80	0	3	
INDU0025	No	34670	PCB - 1260 WET WGTTISMG/KG	10/05/80-10/05/80	0	3	
INDU0176	No	34678	2,3,7,8-TETRACHLORODIBENZO-P-DIOXINDRY WGTBOTUG/KG	09/23/81-09/23/81	0	3	
INDU0195	No	34678	2,3,7,8-TETRACHLORODIBENZO-P-DIOXINDRY WGTBOTUG/KG	09/24/81-09/24/81	0	3	
INDU0030	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	11/02/88-11/02/88	0	3	
INDU0030	No	34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	11/02/88-11/02/88	0	2	
INDU0179	No	34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	11/02/88-11/02/88	0	2	
INDU0025	No	34685	ENDRIN WET WGTTISMG/KG	10/05/80-10/05/80	0	2	
INDU0030	No	34685	ENDRIN WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34685	ENDRIN WET WGTTISMG/KG	09/16/82-11/02/88	6	5	
INDU0030	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	09/11/79-11/02/88	9	16	
INDU0179	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	09/03/80-11/02/88	8	11	
INDU0030	No	34687	HEPTACHLOR WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34687	HEPTACHLOR WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0025	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/05/80-10/05/80	0	3	
INDU0030	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	09/19/84-11/02/88	4	12	
INDU0179	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	09/03/80-11/02/88	8	16	
INDU0025	No	34690	PCB - 1254 WET WGTTISMG/KG	10/15/80-10/15/80	0	3	
INDU0048	No	34690	PCB - 1254 WET WGTTISMG/KG	03/04/71-10/29/76	5	61	
INDU0054	No	34690	PCB - 1254 WET WGTTISMG/KG	07/25/74-07/25/74	0	4	
INDU0025	No	34691	TOXAPHENE WET WGTTISMG/KG	10/15/80-10/15/80	0	3	
INDU0030	No	34691	TOXAPHENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34691	TOXAPHENE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0030	No	34692	TRICHLOROETHYLENE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34692	TRICHLOROETHYLENE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0030	No	34693	VINYL CHLORIDE WET WGTTISMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34693	VINYL CHLORIDE WET WGTTISMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34696	NAPHTHALENE TOTWUG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34696	NAPHTHALENE TOTWUG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34696	NAPHTHALENE TOTWUG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/29/89-04/21/92	3	10	
INDU0030	No	34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	34705	CIS-1,3-DICHLOROPROPENE DISSOLVED IN WATER UG/L	03/29/89-03/29/89	0	1	
INDU0179	No	34705	CIS-1,3-DICHLOROPROPENE DISSOLVED IN WATER UG/L	03/29/89-03/29/89	0	1	
INDU0321	No	34705	CIS-1,3-DICHLOROPROPENE DISSOLVED IN WATER UG/L	03/29/89-03/29/89	0	1	
INDU0191	No	34716	DICHLOROBENZENE (ISOMERS) M/P IN WATER UG/L	04/19/89-09/19/89	0	2	
INDU0270	No	34716	DICHLOROBENZENE (ISOMERS) M/P IN WATER UG/L	04/19/89-09/19/89	0	2	
INDU0328	No	35260	INVALID PARAMETER	01/17/67-01/17/67	0	1	
INDU0328	No	37230	INVALID PARAMETER	05/25/67-05/25/67	0	1	
INDU0003	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/26/76-06/26/76	0	1	
INDU0004	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/04/75-06/26/76	1	2	
INDU0055	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/26/74-06/22/76	1	3	
INDU0063	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/26/74-06/22/76	1	3	
INDU0068	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/02/62-09/02/62	0	2	
INDU0086	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/31/62-08/31/62	0	2	
INDU0088	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/69-08/13/69	0	7	
INDU0092	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/69-08/13/69	0	7	

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Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0093	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	11/13/74-06/24/76	1	3	
INDU0094	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/27/74-08/13/75	0	2	
INDU0103	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/28/74-08/14/75	0	2	
INDU0152	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/69-08/13/69	0	7	
INDU0157	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/31/62-10/20/62	0	3	
INDU0169	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/10/69-02/10/69	0	1	
INDU0179	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/10/69-02/10/69	0	1	
INDU0184	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/24/65-06/23/65	0	2	
INDU0197	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/69-08/13/69	0	7	
INDU0198	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/69-08/13/69	0	7	
INDU0224	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/69-08/13/69	0	7	
INDU0225	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/69-08/13/69	0	7	
INDU0231	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/69-08/13/69	0	7	
INDU0237	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/31/62-10/19/62	0	3	
INDU0240	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/27/63-09/18/63	0	6	
INDU0251	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/22/63-09/18/63	0	7	
INDU0273	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/22/63-09/11/63	0	8	
INDU0278	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/22/63-09/18/63	0	9	
INDU0285	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/22/63-09/18/63	0	10	
INDU0292	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/22/63-09/18/63	0	9	
INDU0298	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/03/64-04/03/68	4	46	
INDU0302	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/22/63-09/18/63	0	9	
INDU0328	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/23/66-09/09/71	5	132	
INDU0331	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/06/69-05/06/69	0	1	
INDU0328	No	38280	INVALID PARAMETER	05/05/67-05/05/67	0	1	
INDU0028	No	39030	TREFLAN, MICROCOULOMETRIC,WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0009	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	11	
INDU0191	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	04/19/89-09/19/89	0	2	
INDU0270	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	04/19/89-09/19/89	0	2	
INDU0321	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	3	10	
INDU0030	No	39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	11/02/88-11/02/88	0	2	
INDU0179	No	39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	11/02/88-11/02/88	0	2	
INDU0191	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	04/19/89-09/19/89	0	2	
INDU0270	No	39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	04/19/89-09/19/89	0	2	
INDU0025	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/05/80-10/05/80	0	3	
INDU0030	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	09/11/79-11/02/88	9	22	
INDU0179	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	09/03/80-11/02/88	8	17	
INDU0184	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	09/11/79-09/11/79	0	4	
INDU0194	No	39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	09/03/80-09/03/80	0	1	
INDU0191	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	04/19/89-09/19/89	0	2	
INDU0270	No	39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	04/19/89-09/19/89	0	2	
INDU0025	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/05/80-10/05/80	0	3	
INDU0030	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	09/11/79-11/02/88	9	22	
INDU0179	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	09/03/80-11/02/88	8	17	
INDU0184	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	09/11/79-09/11/79	0	4	
INDU0194	No	39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	09/03/80-09/03/80	0	1	
INDU0030	No	39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	09/11/79-09/25/86	7	20	
INDU0179	No	39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	09/03/80-09/25/86	6	8	
INDU0194	No	39070	CHLORDANE-NONACHLOR,CIS ISO BOTTOM DEPOS UG/KG	09/03/80-09/03/80	0	1	
INDU0025	No	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/05/80-10/05/80	0	3	
INDU0030	No	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	09/11/79-09/25/86	7	20	
INDU0179	No	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	09/03/80-09/25/86	6	14	
INDU0184	No	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	09/11/79-09/11/79	0	2	
INDU0194	No	39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	09/03/80-09/03/80	0	1	
INDU0025	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/05/80-10/05/80	0	1	
INDU0030	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	09/19/84-11/02/88	4	10	
INDU0179	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	09/03/80-11/02/88	8	17	
INDU0030	No	39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	09/19/84-09/25/86	2	8	
INDU0179	No	39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	09/16/82-09/25/86	4	10	
INDU0176	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/23/81-09/23/81	0	3	
INDU0194	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/03/80-09/03/80	0	1	
INDU0195	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/24/81-09/24/81	0	3	
INDU0207	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/23/81-09/23/81	0	3	
INDU0030	No	39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	
INDU0030	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	01/18/73-05/06/76	3	19	
INDU0140	Yes	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	01/18/73-09/11/73	0	6	
INDU0169	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	03/28/73-12/17/75	2	7	
INDU0179	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	07/24/74-04/22/92	17	27	
INDU0184	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	01/18/73-07/30/75	2	7	

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Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0208	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	03/28/73-03/31/76	3	8	
INDU0321	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0030	No	39105	PERCENT FAT HEXANE EXTRACTION	09/11/79-11/02/88	9	12	
INDU0048	No	39105	PERCENT FAT HEXANE EXTRACTION	05/14/69-10/27/77	8	145	
INDU0049	No	39105	PERCENT FAT HEXANE EXTRACTION	09/29/71-09/29/71	0	2	
INDU0054	No	39105	PERCENT FAT HEXANE EXTRACTION	07/25/74-07/25/74	0	2	
INDU0160	No	39105	PERCENT FAT HEXANE EXTRACTION	09/18/70-11/18/70	0	4	
INDU0179	No	39105	PERCENT FAT HEXANE EXTRACTION	09/03/80-11/02/88	8	10	
INDU0184	No	39105	PERCENT FAT HEXANE EXTRACTION	09/11/79-09/11/79	0	2	
INDU0009	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0028	No	39150	DICHLONE (2,3-DICHLORO-1,4-NAPHTHOQUINONE) UG/L	02/03/75-02/03/75	0	1	
INDU0009	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/29/89-04/22/92	3	11	
INDU0191	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/19/89-09/19/89	0	2	
INDU0270	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/19/89-09/19/89	0	2	
INDU0321	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/29/89-04/21/92	3	10	
INDU0028	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0191	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0270	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0176	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/23/81-09/23/81	0	3	
INDU0194	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/03/80-09/03/80	0	1	
INDU0195	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/24/81-09/24/81	0	3	
INDU0207	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/23/81-09/23/81	0	3	
INDU0025	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	10/05/80-10/05/80	0	3	
INDU0030	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	09/11/79-11/02/88	9	9	
INDU0048	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	7	180	
INDU0049	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	09/29/71-09/29/71	0	2	
INDU0054	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	07/25/74-07/25/74	0	4	
INDU0160	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	09/18/70-11/18/70	0	7	
INDU0179	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	09/03/80-11/02/88	8	8	
INDU0184	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	09/11/79-09/11/79	0	2	
INDU0030	No	39303	P P DDT IN TISSUE, FAT BASIS (UG/G)	09/11/79-09/25/86	7	7	
INDU0179	No	39303	P P DDT IN TISSUE, FAT BASIS (UG/G)	09/03/80-09/25/86	6	5	
INDU0184	No	39303	P P DDT IN TISSUE, FAT BASIS (UG/G)	09/11/79-09/11/79	0	2	
INDU0028	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0191	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0270	No	39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0194	No	39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/03/80-09/03/80	0	1	
INDU0030	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	11/02/88-11/02/88	0	2	
INDU0179	No	39307	O P DDT IN TISSUE WET WGT (UG/G)	11/02/88-11/02/88	0	3	
INDU0028	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0191	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0270	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0176	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/23/81-09/23/81	0	3	
INDU0194	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/03/80-09/03/80	0	1	
INDU0195	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/24/81-09/24/81	0	3	
INDU0207	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/23/81-09/23/81	0	3	
INDU0030	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	09/11/79-09/25/86	7	10	
INDU0048	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	7	173	
INDU0049	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	09/29/71-09/29/71	0	2	
INDU0054	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	07/25/74-07/25/74	0	4	
INDU0160	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	09/18/70-11/18/70	0	7	
INDU0179	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	09/03/80-09/25/86	6	7	
INDU0184	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	09/11/79-09/11/79	0	2	
INDU0030	No	39313	P P DDD IN TISSUE, FAT BASIS (UG/G)	09/11/79-09/25/86	7	10	
INDU0179	No	39313	P P DDD IN TISSUE, FAT BASIS (UG/G)	09/03/80-09/25/86	6	7	
INDU0184	No	39313	P P DDD IN TISSUE, FAT BASIS (UG/G)	09/11/79-09/11/79	0	2	
INDU0028	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0191	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0270	No	39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0194	No	39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/03/80-09/03/80	0	1	
INDU0030	No	39317	P,P' DDT IN FISH OR ANIMAL BY WET WEIGHT UG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	39317	P,P' DDT IN FISH OR ANIMAL BY WET WEIGHT UG/KG	11/02/88-11/02/88	0	3	
INDU0028	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0191	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0270	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0176	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/23/81-09/23/81	0	3	
INDU0194	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/03/80-09/03/80	0	1	
INDU0195	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/24/81-09/24/81	0	3	
INDU0207	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/23/81-09/23/81	0	3	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0025	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/05/80-10/05/80	0	3	
INDU0030	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/11/79-11/02/88	9	12	
INDU0048	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/14/69-10/30/76	7	179	
INDU0049	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/29/71-09/29/71	0	2	
INDU0054	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	07/25/74-07/25/74	0	4	
INDU0160	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/18/70-11/18/70	0	7	
INDU0179	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/03/80-11/02/88	8	10	
INDU0184	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/11/79-09/11/79	0	2	
INDU0030	No	39323	P P DDE IN TISSUE, FAT BASIS (UG/G)	09/11/79-09/25/86	7	10	
INDU0179	No	39323	P P DDE IN TISSUE, FAT BASIS (UG/G)	09/03/80-09/25/86	6	7	
INDU0184	No	39323	P P DDE IN TISSUE, FAT BASIS (UG/G)	09/11/79-09/11/79	0	2	
INDU0030	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	11/02/88-11/02/88	0	2	
INDU0179	No	39325	O,P DDD IN TISSUE WET WGT (UG/G)	11/02/88-11/02/88	0	3	
INDU0028	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0191	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0270	No	39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0194	No	39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	09/03/80-09/03/80	0	1	
INDU0030	No	39329	O,P DDE IN TISSUE, WET WGT(UG/G)	09/19/84-09/19/84	0	2	
INDU0009	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	10	
INDU0028	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0040	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	0	4	
INDU0041	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	0	3	
INDU0149	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	0	7	
INDU0179	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	11	
INDU0191	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0218	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	0	1	
INDU0242	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	0	1	
INDU0270	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0294	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	0	5	
INDU0298	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/06/58-07/06/64	5	10	
INDU0321	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	3	10	
INDU0003	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	2	
INDU0027	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/15/78-08/26/79	0	2	
INDU0040	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/22/80-07/21/80	0	3	
INDU0041	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/23/80-09/17/80	0	3	
INDU0055	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/22/74-08/26/79	5	5	
INDU0063	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/74-08/26/79	5	3	
INDU0072	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0093	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	2	
INDU0094	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-08/24/79	5	4	
INDU0126	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/76-09/28/76	0	2	
INDU0149	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/22/80-09/16/80	0	4	
INDU0151	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0164	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0176	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/23/81-09/23/81	0	3	
INDU0194	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/28/79-09/03/80	1	3	
INDU0195	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/24/81-09/24/81	0	3	
INDU0207	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/23/81-09/23/81	0	3	
INDU0214	Yes	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-08/09/78	4	4	
INDU0216	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/18/78-08/24/79	0	2	
INDU0218	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/80-05/20/80	0	1	
INDU0230	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	0	2	
INDU0236	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	0	2	
INDU0294	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/80-09/16/80	0	4	
INDU0009	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/29/89-04/22/92	3	10	
INDU0179	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/29/89-04/22/92	3	11	
INDU0191	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	04/19/89-09/19/89	0	2	
INDU0270	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	04/19/89-09/19/89	0	2	
INDU0321	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/29/89-04/21/92	3	10	
INDU0009	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/29/89-04/22/92	3	10	
INDU0028	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	02/03/75-02/03/75	0	1	
INDU0179	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/29/89-04/22/92	3	11	
INDU0321	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/29/89-04/21/92	3	10	
INDU0009	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	
INDU0028	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	02/03/75-02/03/75	0	1	
INDU0179	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/29/89-04/22/92	3	11	
INDU0191	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/19/89-09/19/89	0	2	
INDU0270	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/19/89-09/19/89	0	2	
INDU0298	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/06/58-07/06/64	5	10	
INDU0321	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0003	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/24/74-06/26/76	2	2	
INDU0027	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/15/78-08/26/79	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0055	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/22/74-08/26/79	5	5	
INDU0063	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/23/74-08/26/79	5	3	
INDU0072	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/17/78-08/24/79	0	2	
INDU0093	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/25/74-06/24/76	2	2	
INDU0094	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/24/74-08/24/79	5	4	
INDU0126	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	05/11/76-09/28/76	0	2	
INDU0151	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/17/78-08/24/79	0	2	
INDU0164	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/17/78-08/24/79	0	2	
INDU0176	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/23/81-09/23/81	0	3	
INDU0194	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/03/80-09/03/80	0	1	
INDU0195	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/24/81-09/24/81	0	3	
INDU0207	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/23/81-09/23/81	0	3	
INDU0214	Yes	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/25/74-08/09/78	4	4	
INDU0216	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/18/78-08/24/79	0	2	
INDU0230	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/16/78-08/23/79	0	2	
INDU0236	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/16/78-08/23/79	0	2	
INDU0009	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	
INDU0028	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	02/03/75-02/03/75	0	1	
INDU0179	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/29/89-04/22/92	3	11	
INDU0191	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/19/89-09/19/89	0	2	
INDU0270	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/19/89-09/19/89	0	2	
INDU0321	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0003	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/24/74-06/26/76	2	2	
INDU0027	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/15/78-08/26/79	0	2	
INDU0055	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/22/74-08/26/79	5	5	
INDU0063	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/23/74-08/26/79	5	3	
INDU0072	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/17/78-08/24/79	0	2	
INDU0093	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/25/74-06/24/76	2	2	
INDU0094	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/24/74-08/24/79	5	4	
INDU0126	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	05/11/76-09/28/76	0	2	
INDU0151	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/17/78-08/24/79	0	2	
INDU0164	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/17/78-08/24/79	0	2	
INDU0176	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/23/81-09/23/81	0	3	
INDU0194	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/28/79-09/03/80	1	3	
INDU0195	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/24/81-09/24/81	0	3	
INDU0207	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/23/81-09/23/81	0	3	
INDU0214	Yes	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/25/74-08/09/78	4	4	
INDU0216	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/18/78-08/24/79	0	2	
INDU0230	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/16/78-08/23/79	0	2	
INDU0236	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/16/78-08/23/79	0	2	
INDU0028	No	39357	RONNEL IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0194	No	39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	08/28/79-09/03/80	1	3	
INDU0009	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	10	
INDU0179	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	11	
INDU0298	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/06/58-07/06/64	5	10	
INDU0321	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	3	10	
INDU0003	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	2	
INDU0027	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/15/78-08/26/79	0	2	
INDU0055	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/22/74-08/26/79	5	5	
INDU0063	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/74-08/26/79	5	3	
INDU0072	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0093	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	2	
INDU0094	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-08/24/79	5	4	
INDU0126	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/76-09/28/76	0	2	
INDU0151	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0164	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0214	Yes	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-08/09/78	4	4	
INDU0216	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/18/78-08/24/79	0	2	
INDU0230	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	0	2	
INDU0236	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	0	2	
INDU0009	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	10	
INDU0040	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	0	4	
INDU0041	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	0	3	
INDU0149	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	0	7	
INDU0179	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	11	
INDU0218	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	0	1	
INDU0242	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	0	1	
INDU0294	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	0	5	
INDU0298	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/06/58-07/06/64	5	10	
INDU0321	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	3	10	
INDU0003	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	2	
INDU0027	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/15/78-08/26/79	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0040	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/22/80-07/21/80	0	3	
INDU0041	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/23/80-09/17/80	0	3	
INDU0055	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/22/74-08/26/79	5	5	
INDU0063	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/74-08/26/79	5	3	
INDU0072	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0093	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	2	
INDU0094	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-08/24/79	5	4	
INDU0126	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/76-09/28/76	0	2	
INDU0149	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/22/80-09/16/80	0	4	
INDU0151	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0164	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0214	Yes	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-08/09/78	4	4	
INDU0216	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/18/78-08/24/79	0	2	
INDU0218	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/80-05/20/80	0	1	
INDU0230	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	0	2	
INDU0236	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	0	2	
INDU0294	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/80-09/16/80	0	4	
INDU0009	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	10	
INDU0040	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	0	4	
INDU0041	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	0	3	
INDU0149	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	0	7	
INDU0179	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	11	
INDU0191	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0218	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	0	1	
INDU0242	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	0	1	
INDU0270	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0294	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	0	5	
INDU0298	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/06/58-07/06/64	5	10	
INDU0321	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	3	10	
INDU0003	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	2	
INDU0027	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/15/78-08/26/79	0	2	
INDU0040	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/22/80-07/21/80	0	3	
INDU0041	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/23/80-09/17/80	0	3	
INDU0055	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/22/74-08/26/79	5	5	
INDU0063	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/74-08/26/79	5	3	
INDU0072	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0093	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	2	
INDU0094	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-08/24/79	5	4	
INDU0126	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/76-09/28/76	0	2	
INDU0149	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/22/80-09/16/80	0	4	
INDU0151	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0164	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0214	Yes	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-08/09/78	4	4	
INDU0216	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/18/78-08/24/79	0	2	
INDU0218	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/80-05/20/80	0	1	
INDU0230	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	0	2	
INDU0236	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	0	2	
INDU0294	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/80-09/16/80	0	4	
INDU0048	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	04/06/76-10/27/77	1	90	
INDU0049	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	04/06/76-04/06/76	0	1	
INDU0160	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	09/18/70-09/18/70	0	1	
INDU0009	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	10	
INDU0028	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0040	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	0	4	
INDU0041	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	0	3	
INDU0149	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	0	7	
INDU0179	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	11	
INDU0191	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0218	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	0	1	
INDU0242	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	0	1	
INDU0270	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0294	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	0	5	
INDU0298	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/06/58-07/06/64	5	10	
INDU0321	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	3	10	
INDU0003	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/24/74-06/26/76	2	2	
INDU0027	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/15/78-08/26/79	0	2	
INDU0040	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/22/80-07/21/80	0	3	
INDU0041	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/23/80-09/17/80	0	3	
INDU0055	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/22/74-08/26/79	5	5	
INDU0063	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/23/74-08/26/79	5	3	
INDU0072	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/17/78-08/24/79	0	2	
INDU0093	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/25/74-06/24/76	2	2	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0094	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/24/74-08/24/79	5	4	
INDU0126	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/11/76-09/28/76	0	2	
INDU0149	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/22/80-09/16/80	0	4	
INDU0151	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/17/78-08/24/79	0	2	
INDU0164	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/17/78-08/24/79	0	2	
INDU0176	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/23/81-09/23/81	0	3	
INDU0194	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/28/79-09/03/80	1	3	
INDU0195	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/24/81-09/24/81	0	3	
INDU0207	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/23/81-09/23/81	0	3	
INDU0214	Yes	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/25/74-08/09/78	4	4	
INDU0216	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/18/78-08/24/79	0	2	
INDU0218	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/20/80-05/20/80	0	1	
INDU0230	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/16/78-08/23/79	0	2	
INDU0236	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/16/78-08/23/79	0	2	
INDU0294	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/20/80-09/16/80	0	4	
INDU0009	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	10	
INDU0179	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	11	
INDU0321	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	3	10	
INDU0009	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	10	
INDU0028	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0040	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	0	4	
INDU0041	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	0	3	
INDU0149	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	0	7	
INDU0179	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	11	
INDU0191	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0218	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	0	1	
INDU0242	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	0	1	
INDU0270	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0294	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	0	5	
INDU0298	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/06/58-07/06/64	5	10	
INDU0321	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	3	10	
INDU0003	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	2	
INDU0027	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/15/78-08/26/79	0	2	
INDU0040	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/22/80-07/21/80	0	3	
INDU0041	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/23/80-09/17/80	0	3	
INDU0055	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/22/74-08/26/79	5	5	
INDU0063	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/74-08/26/79	5	3	
INDU0072	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0093	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	2	
INDU0094	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-08/24/79	5	4	
INDU0126	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/76-09/28/76	0	2	
INDU0149	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/22/80-09/16/80	0	4	
INDU0151	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0164	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0176	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/23/81-09/23/81	0	3	
INDU0194	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/28/79-09/03/80	1	3	
INDU0195	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/24/81-09/24/81	0	3	
INDU0207	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/23/81-09/23/81	0	3	
INDU0214	Yes	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-08/09/78	4	4	
INDU0216	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/18/78-08/24/79	0	2	
INDU0218	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/80-05/20/80	0	1	
INDU0230	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	0	2	
INDU0236	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	0	2	
INDU0294	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/80-09/16/80	0	4	
INDU0028	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0003	Yes	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/74-06/26/76	2	2	
INDU0055	Yes	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/22/74-06/22/76	2	2	
INDU0063	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/23/74-06/22/76	2	2	
INDU0093	Yes	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/25/74-06/24/76	2	2	
INDU0094	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/74-06/24/76	2	2	
INDU0126	Yes	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/11/76-05/11/76	0	1	
INDU0214	Yes	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/25/74-06/27/76	2	2	
INDU0009	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	10	
INDU0040	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	0	4	
INDU0041	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	0	3	
INDU0149	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	0	7	
INDU0179	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	11	
INDU0218	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	0	1	
INDU0242	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	0	1	
INDU0294	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	0	5	
INDU0321	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	3	10	
INDU0003	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/24/74-06/26/76	2	2	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0027	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/15/78-08/26/79	0	2	
INDU0040	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/22/80-07/21/80	0	3	
INDU0041	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/23/80-09/17/80	0	3	
INDU0055	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/22/74-08/26/79	5	5	
INDU0063	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/23/74-08/26/79	5	3	
INDU0072	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/17/78-08/24/79	0	2	
INDU0093	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/25/74-06/24/76	2	2	
INDU0094	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/24/74-08/24/79	5	4	
INDU0126	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/11/76-09/28/76	0	2	
INDU0149	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/22/80-09/16/80	0	4	
INDU0151	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/17/78-08/24/79	0	2	
INDU0164	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/17/78-08/24/79	0	2	
INDU0176	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/23/81-09/23/81	0	3	
INDU0195	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/24/81-09/24/81	0	3	
INDU0207	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/23/81-09/23/81	0	3	
INDU0214	Yes	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/25/74-08/09/78	4	4	
INDU0216	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/18/78-08/24/79	0	2	
INDU0218	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/20/80-05/20/80	0	1	
INDU0230	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/16/78-08/23/79	0	2	
INDU0236	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/16/78-08/23/79	0	2	
INDU0294	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/20/80-09/16/80	0	4	
INDU0025	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	10/05/80-10/05/80	0	3	
INDU0030	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/11/79-11/02/88	9	12	
INDU0048	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	03/04/71-10/27/77	6	239	
INDU0049	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/29/71-04/06/76	4	3	
INDU0054	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	07/25/74-07/25/74	0	4	
INDU0179	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/03/80-11/02/88	8	8	
INDU0184	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/11/79-09/11/79	0	2	
INDU0030	No	39405	DIELDRIN IN TISSUE, FAT BASIS (UG/G)	09/11/79-09/25/86	7	10	
INDU0179	No	39405	DIELDRIN IN TISSUE, FAT BASIS (UG/G)	09/03/80-09/25/86	6	5	
INDU0184	No	39405	DIELDRIN IN TISSUE, FAT BASIS (UG/G)	09/11/79-09/11/79	0	2	
INDU0025	No	39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	10/05/80-10/05/80	0	3	
INDU0009	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	10	
INDU0179	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	11	
INDU0298	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/06/58-07/06/64	5	10	
INDU0321	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	3	10	
INDU0003	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	2	
INDU0027	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/15/78-08/26/79	0	2	
INDU0055	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/22/74-08/26/79	5	5	
INDU0063	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/23/74-08/26/79	5	3	
INDU0072	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0093	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	2	
INDU0094	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/24/74-08/24/79	5	4	
INDU0126	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	05/11/76-09/28/76	0	2	
INDU0151	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0164	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0176	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/23/81-09/23/81	0	3	
INDU0194	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/28/79-09/03/80	1	3	
INDU0195	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/24/81-09/24/81	0	3	
INDU0207	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/23/81-09/23/81	0	3	
INDU0214	Yes	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/25/74-08/09/78	4	4	
INDU0216	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/18/78-08/24/79	0	2	
INDU0230	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	0	2	
INDU0236	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	0	2	
INDU0009	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	10	
INDU0028	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0179	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	11	
INDU0298	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/06/58-07/06/64	5	10	
INDU0321	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	3	10	
INDU0003	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/24/74-06/26/76	2	2	
INDU0027	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/15/78-08/26/79	0	2	
INDU0055	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/22/74-08/26/79	5	5	
INDU0063	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/23/74-08/26/79	5	3	
INDU0072	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/17/78-08/24/79	0	2	
INDU0093	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/25/74-06/24/76	2	2	
INDU0094	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/24/74-08/24/79	5	4	
INDU0126	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	05/11/76-09/28/76	0	2	
INDU0151	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/17/78-08/24/79	0	2	
INDU0164	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/17/78-08/24/79	0	2	
INDU0176	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/23/81-09/23/81	0	3	
INDU0194	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/28/79-09/03/80	1	3	
INDU0195	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/24/81-09/24/81	0	3	

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Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0207	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/23/81-09/23/81	0	3	
INDU0214	Yes	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/25/74-08/09/78	4	4	
INDU0216	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/18/78-08/24/79	0	2	
INDU0230	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/16/78-08/23/79	0	2	
INDU0236	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/16/78-08/23/79	0	2	
INDU0028	No	39430	ISODRIN IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0028	No	39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0009	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	10	
INDU0028	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0040	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	0	4	
INDU0041	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	0	3	
INDU0149	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	0	7	
INDU0179	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	11	
INDU0191	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0218	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	0	1	
INDU0242	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	0	1	
INDU0270	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0294	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	0	5	
INDU0321	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	3	10	
INDU0040	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/22/80-07/21/80	0	3	
INDU0041	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/23/80-09/17/80	0	3	
INDU0149	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/22/80-09/16/80	0	4	
INDU0194	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/28/79-09/03/80	1	3	
INDU0218	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/20/80-05/20/80	0	1	
INDU0294	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/20/80-09/16/80	0	4	
INDU0009	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	10	
INDU0028	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0179	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	3	10	
INDU0171	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0174	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0176	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/23/81-09/23/81	0	3	
INDU0178	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0182	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0185	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0186	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0189	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0195	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/24/81-09/24/81	0	3	
INDU0207	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/23/81-09/23/81	0	3	
INDU0009	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	3	10	
INDU0171	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0174	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0176	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/23/81-09/23/81	0	3	
INDU0178	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0182	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0185	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0186	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0189	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0195	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/24/81-09/24/81	0	3	
INDU0207	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/23/81-09/23/81	0	3	
INDU0009	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	10	
INDU0028	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0179	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	3	10	
INDU0171	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0174	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0176	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/23/81-09/23/81	0	3	
INDU0178	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0182	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0185	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0186	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0189	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	0	1	
INDU0195	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/24/81-09/24/81	0	3	
INDU0207	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/23/81-09/23/81	0	3	
INDU0229	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/04/80-12/04/80	0	2	
INDU0323	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/04/80-12/04/80	0	2	
INDU0333	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/04/80-12/04/80	0	1	
INDU0009	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	10	
INDU0028	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0179	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	11	

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Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0321	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	3	10	
INDU0171	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0174	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0176	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/23/81-09/23/81	0	3	
INDU0178	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0182	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0185	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0186	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0189	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0195	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/24/81-09/24/81	0	3	
INDU0207	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/23/81-09/23/81	0	3	
INDU0009	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	10	
INDU0028	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0179	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	3	10	
INDU0171	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0174	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0176	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/23/81-09/23/81	0	3	
INDU0178	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0182	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0185	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0186	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0189	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0195	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/24/81-09/24/81	0	3	
INDU0207	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/23/81-09/23/81	0	3	
INDU0229	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/04/80-12/04/80	0	2	
INDU0323	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/04/80-12/04/80	0	2	
INDU0333	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/04/80-12/04/80	0	1	
INDU0009	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	10	
INDU0028	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0179	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	3	10	
INDU0171	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0174	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0176	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/23/81-09/23/81	0	3	
INDU0178	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0182	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0185	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0186	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0189	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	0	1	
INDU0195	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/24/81-09/24/81	0	3	
INDU0207	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/23/81-09/23/81	0	3	
INDU0025	No	39512	PCB - 1254 IN FISH OR ANIMALS WET WGT UG/KG	10/05/80-10/05/80	0	3	
INDU0171	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/08/81-07/08/81	0	1	
INDU0174	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/08/81-07/08/81	0	1	
INDU0176	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/23/81-09/23/81	0	3	
INDU0178	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/08/81-07/08/81	0	1	
INDU0182	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/08/81-07/08/81	0	1	
INDU0185	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/08/81-07/08/81	0	1	
INDU0186	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/08/81-07/08/81	0	1	
INDU0189	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/08/81-07/08/81	0	1	
INDU0195	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/24/81-09/24/81	0	3	
INDU0207	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/23/81-09/23/81	0	3	
INDU0030	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	09/11/79-11/02/88	9	22	
INDU0048	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/01/71-10/27/77	6	191	
INDU0049	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	09/29/71-04/06/76	4	3	
INDU0179	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	09/03/80-11/02/88	8	17	
INDU0184	No	39515	PCBS (MG/KG) FISH TISSUE MG/KG	09/11/79-09/11/79	0	4	
INDU0009	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/25/81-08/20/85	4	5	
INDU0030	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/18/73-05/06/76	3	20	
INDU0040	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	0	4	
INDU0041	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	0	3	
INDU0140	Yes	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/18/73-09/11/73	0	6	
INDU0149	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	0	7	
INDU0169	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/28/73-12/17/75	2	7	
INDU0179	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	07/24/74-08/21/85	11	23	
INDU0184	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/18/73-07/30/75	2	7	
INDU0191	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0208	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/28/73-03/31/76	3	8	
INDU0218	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	0	1	
INDU0242	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	0	1	
INDU0270	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	

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

Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0294	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	0	5	
INDU0331	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/27/73-03/27/73	0	1	
INDU0003	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/74-06/26/76	2	2	
INDU0027	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/15/78-08/26/79	0	2	
INDU0040	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/22/80-07/21/80	0	3	
INDU0041	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/80-09/17/80	0	3	
INDU0055	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/22/74-08/26/79	5	5	
INDU0063	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/23/74-08/26/79	5	3	
INDU0072	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0093	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/25/74-06/24/76	2	2	
INDU0094	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/74-08/24/79	5	4	
INDU0126	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/11/76-09/28/76	0	2	
INDU0149	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/22/80-09/16/80	0	4	
INDU0151	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0164	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/17/78-08/24/79	0	2	
INDU0172	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/15/79-10/15/79	0	1	
INDU0194	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/28/79-09/03/80	1	3	
INDU0206	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/13/79-10/13/79	0	3	
INDU0214	Yes	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/25/74-08/09/78	4	4	
INDU0215	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/12/79-10/12/79	0	1	
INDU0216	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/18/78-08/24/79	0	2	
INDU0218	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/80-05/20/80	0	1	
INDU0220	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/10/79-10/10/79	0	3	
INDU0230	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/78-08/23/79	0	2	
INDU0236	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/78-08/23/79	0	2	
INDU0266	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/16/79-10/16/79	0	3	
INDU0275	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/04/79-10/04/79	0	1	
INDU0282	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/08/79-10/08/79	0	1	
INDU0294	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/80-09/16/80	0	4	
INDU0322	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/02/79-10/02/79	0	3	
INDU0330	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/03/79-10/03/79	0	3	
INDU0028	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0003	Yes	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	2	
INDU0055	Yes	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/22/74-06/22/76	2	2	
INDU0063	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/74-06/22/76	2	2	
INDU0093	Yes	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	2	
INDU0094	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/24/76	2	2	
INDU0126	Yes	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/76-05/11/76	0	1	
INDU0214	Yes	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/27/76	2	2	
INDU0028	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0003	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	2	
INDU0055	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/22/74-06/22/76	2	2	
INDU0063	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/74-06/22/76	2	2	
INDU0093	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	2	
INDU0094	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/24/76	2	2	
INDU0126	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/76-05/11/76	0	1	
INDU0214	Yes	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/27/76	2	2	
INDU0028	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0003	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	2	
INDU0055	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/22/74-06/22/76	2	2	
INDU0063	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/74-06/22/76	2	2	
INDU0093	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	2	
INDU0094	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/24/76	2	2	
INDU0126	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/76-05/11/76	0	1	
INDU0214	Yes	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/27/76	2	2	
INDU0028	No	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0028	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0003	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/24/74-06/26/76	2	2	
INDU0055	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/22/74-06/22/76	2	2	
INDU0063	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/23/74-06/22/76	2	2	
INDU0093	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/25/74-06/24/76	2	2	
INDU0094	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/24/74-06/24/76	2	2	
INDU0126	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	05/11/76-05/11/76	0	1	
INDU0214	Yes	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/25/74-06/27/76	2	2	
INDU0009	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	10	
INDU0028	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0179	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	3	11	
INDU0191	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0270	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	0	2	
INDU0321	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	3	10	
INDU0194	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/03/80-09/03/80	0	1	
INDU0009	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	03/29/89-04/22/92	3	10	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0179	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	03/29/89-04/22/92	3	11	
INDU0321	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	03/29/89-04/21/92	3	10	
INDU0030	No	39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	11/02/88-11/02/88	0	2	
INDU0179	No	39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	11/02/88-11/02/88	0	3	
INDU0028	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0040	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	0	4	
INDU0041	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	0	3	
INDU0149	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	0	7	
INDU0218	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	0	1	
INDU0242	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	0	1	
INDU0294	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	0	5	
INDU0040	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/22/80-07/21/80	0	3	
INDU0041	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/80-09/17/80	0	3	
INDU0149	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/22/80-09/16/80	0	4	
INDU0218	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/80-05/20/80	0	1	
INDU0294	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/80-09/16/80	0	4	
INDU0028	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0040	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	0	4	
INDU0041	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	0	3	
INDU0149	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	0	7	
INDU0218	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	0	1	
INDU0242	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	0	1	
INDU0294	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	0	5	
INDU0040	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/22/80-07/21/80	0	3	
INDU0041	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/80-09/17/80	0	3	
INDU0149	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/22/80-09/16/80	0	4	
INDU0218	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/80-05/20/80	0	1	
INDU0294	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/80-09/16/80	0	4	
INDU0028	No	39755	MIREX, TOTAL (UG/L)	02/03/75-02/03/75	0	1	
INDU0028	No	39770	DACTHAL (DCPA) IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0040	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	0	4	
INDU0041	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	0	3	
INDU0149	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	0	7	
INDU0218	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	0	1	
INDU0242	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	0	1	
INDU0294	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	0	5	
INDU0040	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/22/80-07/21/80	0	3	
INDU0041	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/80-09/17/80	0	3	
INDU0149	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/22/80-09/16/80	0	4	
INDU0194	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/28/79-09/03/80	1	3	
INDU0218	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/80-05/20/80	0	1	
INDU0294	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/80-09/16/80	0	4	
INDU0030	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	11/02/88-11/02/88	0	3	
INDU0028	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0003	Yes	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/74-06/26/76	2	2	
INDU0055	Yes	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/22/74-06/22/76	2	2	
INDU0063	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/23/74-06/22/76	2	2	
INDU0093	Yes	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/25/74-06/24/76	2	2	
INDU0094	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/74-06/24/76	2	2	
INDU0126	Yes	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/11/76-05/11/76	0	1	
INDU0214	Yes	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/25/74-06/27/76	2	2	
INDU0003	Yes	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	04/24/74-06/26/76	2	2	
INDU0055	Yes	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	04/22/74-06/22/76	2	2	
INDU0063	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	04/23/74-06/22/76	2	2	
INDU0093	Yes	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	04/25/74-06/24/76	2	2	
INDU0094	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	04/24/74-06/24/76	2	2	
INDU0126	Yes	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	05/11/76-05/11/76	0	1	
INDU0214	Yes	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	04/25/74-06/27/76	2	2	
INDU0028	No	39808	TEDION(TETRADIFON) IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0328	No	40032	INVALID PARAMETER	12/15/71-12/29/71	0	3	
INDU0030	No	45511	XYLENE TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	45511	XYLENE TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	0	3	
INDU0229	No	45514	YTTRIUM IN SEDIMENT (MG/KG AS YTTRIUM DRY WT)	12/04/80-12/04/80	0	2	
INDU0323	No	45514	YTTRIUM IN SEDIMENT (MG/KG AS YTTRIUM DRY WT)	12/04/80-12/04/80	0	2	
INDU0333	No	45514	YTTRIUM IN SEDIMENT (MG/KG AS YTTRIUM DRY WT)	12/04/80-12/04/80	0	1	
INDU0009	No	47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/28/92	6	60	
INDU0030	No	47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/28/92	6	58	
INDU0140	Yes	47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	6	63	
INDU0143	No	47501	WEATHER AT TIME OF SAMPLING	05/20/86-05/19/92	5	62	
INDU0169	No	47501	WEATHER AT TIME OF SAMPLING	05/20/86-06/24/92	6	65	
INDU0179	No	47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	6	67	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0208	No	47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	6	61	
INDU0321	No	47501	WEATHER AT TIME OF SAMPLING	05/21/86-07/27/92	6	64	
INDU0328	No	50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	08/10/71-08/10/71	0	1	
INDU0044	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/20/72-04/25/73	0	12	
INDU0045	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/06/72-04/25/73	0	13	
INDU0138	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	02/09/72-04/25/73	1	30	
INDU0139	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	06/07/72-04/25/73	0	22	
INDU0001	No	60050	ALGAE, TOTAL (CELLS/ML)	08/13/75-08/13/75	0	2	
INDU0151	Yes	60050	ALGAE, TOTAL (CELLS/ML)	06/12/78-06/11/80	1	6	
INDU0190	No	60050	ALGAE, TOTAL (CELLS/ML)	04/11/78-12/16/91	13	88	
INDU0271	No	60050	ALGAE, TOTAL (CELLS/ML)	04/11/78-12/16/91	13	91	
INDU0298	No	60050	ALGAE, TOTAL (CELLS/ML)	10/03/61-10/08/68	7	102	
INDU0298	No	60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	7	102	
INDU0298	No	60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	7	102	
INDU0298	No	60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/03/61-10/08/68	7	102	
INDU0298	No	60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/03/61-10/08/68	7	101	
INDU0243	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0244	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0261	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0263	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0267	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0281	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0283	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0284	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0286	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0296	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0298	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/61-10/08/68	7	102	
INDU0299	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0300	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0301	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0304	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0320	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0324	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0329	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0332	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/84-10/03/84	0	1	
INDU0298	No	60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/03/61-10/08/68	7	102	
INDU0298	No	60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/03/61-06/06/67	5	82	
INDU0298	No	60391	DIATOMS,PERCENT OF TOTAL,SECOND DOMINANT SPECIES	10/11/66-06/06/67	0	3	
INDU0298	No	60392	DIATOMS,PERCENT OF TOTAL,THIRD DOMINANT SPECIES	10/11/66-06/06/67	0	3	
INDU0298	No	60393	DIATOMS,PERCENT OF TOTAL,FOURTH DOMINANT SPECIES	10/11/66-06/06/67	0	3	
INDU0298	No	60394	DIATOMS,PERCENT OF TOTAL,ALL OTHER SPECIES	10/11/66-06/06/67	0	3	
INDU0298	No	60400	DIATOMS, CENTRIC (/ML)	10/03/61-10/08/68	7	102	
INDU0298	No	60600	DIATOMS, PENNATE (/ML)	10/03/61-10/08/68	7	102	
INDU0298	No	60610	DIATOM, INERT SHELLS - CENTRIC (/ML)	10/11/66-10/08/68	1	12	
INDU0298	No	60620	DIATOM, INERT SHELLS - PENNATE (/ML)	10/11/66-10/08/68	1	12	
INDU0298	No	60820	PROTOZOA, TOTAL (/ML)	10/03/61-09/18/62	0	25	
INDU0298	No	60850	ROTIFERS, TOTAL (/LITER)	10/03/61-04/15/63	1	39	
INDU0298	No	60900	CRUSTACEA, TOTAL (/LITER)	10/03/61-04/15/63	1	39	
INDU0298	No	60950	NEMATODES, TOTAL (/LITER)	10/03/61-04/15/63	1	39	
INDU0298	No	60990	ZOOPLANKTON OTHER (/LITER)	10/03/61-04/15/63	1	39	
INDU0006	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/12/62-04/12/62	0	1	
INDU0009	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	11	120	
INDU0011	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/17/59-12/17/59	0	1	
INDU0012	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/17/59-12/17/59	0	1	
INDU0015	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/01/55-12/17/59	4	2	
INDU0016	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/17/59-12/17/59	0	1	
INDU0028	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/03/75-02/03/75	0	1	
INDU0030	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/14/86-12/16/86	0	10	
INDU0035	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/26/62-04/26/62	0	1	
INDU0051	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/12/62-04/12/62	0	1	
INDU0059	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/11/62-04/11/62	0	1	
INDU0060	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/11/62-04/11/62	0	1	
INDU0075	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/14/85-03/14/85	0	1	
INDU0120	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/29/76-09/29/76	0	1	
INDU0127	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/29/76-09/29/76	0	1	
INDU0140	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/85-08/21/85	0	1	
INDU0151	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/18/78-06/11/80	2	11	
INDU0169	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/22/87-09/22/87	0	1	
INDU0179	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	11	127	
INDU0184	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/26/84-09/26/84	0	1	
INDU0221	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/13/59-10/13/59	0	1	
INDU0228	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/13/59-10/13/59	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0243	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0244	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0261	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0263	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0267	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0281	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0283	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0284	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0286	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0293	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/30/41-09/30/41	0	1	
INDU0296	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0299	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0300	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0301	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0304	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0307	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/12/59-10/12/59	0	1	
INDU0310	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/13/61-12/13/61	0	1	
INDU0313	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/12/59-10/12/59	0	1	
INDU0314	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/12/59-10/12/59	0	1	
INDU0316	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/13/59-10/13/59	0	1	
INDU0320	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0324	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0327	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/13/61-12/13/61	0	1	
INDU0329	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0332	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/84-10/03/84	0	1	
INDU0334	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/22/62-01/22/62	0	1	
INDU0336	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/14/59-10/14/59	0	1	
INDU0337	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/14/59-10/14/59	0	1	
INDU0003	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/19/78-08/26/79	0	2	
INDU0027	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/15/78-07/11/80	1	3	
INDU0055	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/26/79-07/11/80	0	2	
INDU0063	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/26/79-07/11/80	0	2	
INDU0072	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/17/78-07/11/80	1	3	
INDU0077	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/19/77-01/19/77	0	1	
INDU0090	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/15/77-11/16/77	0	6	
INDU0091	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/15/77-11/16/77	0	6	
INDU0093	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/30/77-05/09/78	0	8	
INDU0094	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/17/78-07/11/80	1	3	
INDU0096	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/15/77-05/09/78	1	7	
INDU0097	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/15/77-05/09/78	1	7	
INDU0098	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/01/77-10/13/77	0	3	
INDU0099	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/01/77-10/13/77	0	2	
INDU0100	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/01/77-04/06/78	0	3	
INDU0101	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/28/76-05/10/78	1	10	
INDU0102	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/28/76-05/10/78	1	16	
INDU0103	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/11/77-08/25/79	2	3	
INDU0105	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/13/77-08/25/81	4	16	
INDU0106	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/01/77-04/06/78	0	3	
INDU0107	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/31/77-08/31/77	0	1	
INDU0108	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/31/77-08/31/77	0	1	
INDU0109	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/31/77-08/31/77	0	1	
INDU0111	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/01/77-04/06/78	0	3	
INDU0112	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/29/76-04/05/78	1	11	
INDU0113	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/11/77-08/30/77	0	4	
INDU0114	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/28/77-05/09/78	0	7	
INDU0115	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/15/77-05/09/78	1	11	
INDU0116	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/15/77-08/26/81	4	15	
INDU0117	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/13/77-04/06/78	0	2	
INDU0118	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/29/76-04/05/78	1	5	
INDU0119	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/29/77-04/06/78	0	3	
INDU0120	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/29/77-10/12/77	0	2	
INDU0121	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/31/77-08/31/77	0	1	
INDU0122	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/11/77-05/09/78	1	10	
INDU0123	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/28/76-05/09/78	1	16	
INDU0124	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/19/80-02/19/80	0	1	
INDU0125	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/31/77-08/31/77	0	1	
INDU0126	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/28/76-07/12/80	3	18	
INDU0127	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/10/77-05/10/78	1	14	
INDU0128	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/11/77-03/11/77	0	1	
INDU0129	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/28/77-05/10/78	0	10	
INDU0130	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/11/77-05/09/78	1	13	
INDU0131	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/14/77-01/17/78	0	9	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0133	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/29/77-04/06/78	0	3	
INDU0134	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/10/77-05/09/78	1	19	
INDU0135	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/11/77-08/26/81	4	12	
INDU0136	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/14/77-12/20/77	0	8	
INDU0151	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/18/78-07/11/80	2	14	
INDU0164	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/17/78-07/11/80	1	3	
INDU0216	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/18/78-07/11/80	1	3	
INDU0230	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/16/78-07/09/80	1	3	
INDU0236	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/16/78-07/09/80	1	3	
INDU0151	Yes	70302	SOLIDS, DISSOLVED-TONS PER DAY	04/18/78-06/11/80	2	10	
INDU0003	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/19/78-08/26/79	0	2	
INDU0027	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/15/78-07/11/80	1	3	
INDU0055	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/26/79-07/11/80	0	2	
INDU0063	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/26/79-07/11/80	0	2	
INDU0072	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/17/78-07/11/80	1	3	
INDU0077	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/19/77-01/19/77	0	1	
INDU0090	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/15/77-11/16/77	0	6	
INDU0091	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/15/77-11/16/77	0	6	
INDU0093	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/30/77-05/09/78	0	8	
INDU0094	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/17/78-07/11/80	1	3	
INDU0096	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/15/77-05/09/78	1	7	
INDU0097	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/15/77-05/09/78	1	7	
INDU0098	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/01/77-10/13/77	0	3	
INDU0099	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/01/77-10/13/77	0	2	
INDU0100	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/01/77-04/06/78	0	3	
INDU0101	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/28/76-05/10/78	1	10	
INDU0102	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/28/76-05/10/78	1	16	
INDU0103	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/11/77-08/25/79	2	3	
INDU0105	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/13/77-08/25/81	4	15	
INDU0106	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/01/77-04/06/78	0	3	
INDU0107	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/31/77-08/31/77	0	1	
INDU0108	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/31/77-08/31/77	0	1	
INDU0109	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/31/77-08/31/77	0	1	
INDU0111	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/01/77-04/06/78	0	3	
INDU0112	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/29/76-04/05/78	1	11	
INDU0113	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/11/77-08/30/77	0	4	
INDU0114	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/28/77-05/09/78	0	7	
INDU0115	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/15/77-05/09/78	1	11	
INDU0116	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/15/77-05/09/78	1	12	
INDU0117	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/13/77-04/06/78	0	2	
INDU0118	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/29/76-04/05/78	1	5	
INDU0119	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/29/77-04/06/78	0	3	
INDU0120	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/29/76-10/12/77	1	3	
INDU0121	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/31/77-08/31/77	0	1	
INDU0122	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/11/77-05/09/78	1	10	
INDU0123	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/28/76-05/09/78	1	16	
INDU0125	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/31/77-08/31/77	0	1	
INDU0126	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/28/76-07/12/80	3	18	
INDU0127	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/29/76-05/10/78	1	15	
INDU0128	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/11/77-03/11/77	0	1	
INDU0129	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/28/77-05/10/78	0	10	
INDU0130	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/11/77-05/09/78	1	13	
INDU0131	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/14/77-01/17/78	0	9	
INDU0133	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/29/77-04/06/78	0	3	
INDU0134	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/10/77-05/09/78	1	19	
INDU0135	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/11/77-05/10/78	1	9	
INDU0136	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/14/77-12/20/77	0	8	
INDU0151	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/18/78-07/11/80	2	14	
INDU0164	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/17/78-07/11/80	1	3	
INDU0216	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/18/78-07/11/80	1	3	
INDU0230	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/16/78-07/09/80	1	3	
INDU0236	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/16/78-07/09/80	1	3	
INDU0172	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	10/15/79-10/15/79	0	1	
INDU0206	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	10/13/79-10/13/79	0	3	
INDU0215	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	10/12/79-10/12/79	0	1	
INDU0220	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	10/10/79-10/10/79	0	3	
INDU0266	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	10/16/79-10/16/79	0	3	
INDU0275	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	10/04/79-10/04/79	0	1	
INDU0282	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	10/08/79-10/08/79	0	1	
INDU0322	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	10/02/79-10/02/79	0	3	
INDU0330	No	70318	SOLIDS, TOTAL, PERCENT OF WET SAMPLE	10/03/79-10/03/79	0	3	
INDU0172	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	10/15/79-10/15/79	0	1	

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Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0194	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	08/28/79-09/03/80	1	3	
INDU0206	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	10/13/79-10/13/79	0	3	
INDU0215	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	10/12/79-10/12/79	0	1	
INDU0220	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	10/10/79-10/10/79	0	3	
INDU0266	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	10/16/79-10/16/79	0	3	
INDU0275	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	10/04/79-10/04/79	0	1	
INDU0282	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	10/08/79-10/08/79	0	1	
INDU0322	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	10/02/79-10/02/79	0	3	
INDU0330	No	70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	10/03/79-10/03/79	0	3	
INDU0151	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	11/15/79-06/11/80	0	4	
INDU0041	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/23/80-06/23/80	0	2	
INDU0052	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/23/80-06/23/80	0	1	
INDU0069	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/23/80-06/23/80	0	1	
INDU0083	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/23/80-06/23/80	0	2	
INDU0084	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/23/80-06/23/80	0	2	
INDU0141	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/23/80-06/23/80	0	2	
INDU0144	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/02/72-05/31/73	0	261	
INDU0145	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/01/72-05/31/73	0	262	
INDU0146	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/23/80-06/23/80	0	1	
INDU0147	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/01/72-05/31/73	0	266	
INDU0148	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/01/72-05/31/73	0	252	
INDU0149	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/23/80-06/23/80	0	2	
INDU0201	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/25/80-06/25/80	0	1	
INDU0202	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/25/80-06/25/80	0	2	
INDU0210	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/25/80-06/25/80	0	2	
INDU0242	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/25/80-06/25/80	0	1	
INDU0294	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/25/80-06/25/80	0	2	
INDU0295	No	70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/25/80-06/25/80	0	2	
INDU0027	No	70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/26/79-07/11/80	0	2	
INDU0055	Yes	70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/26/79-07/11/80	0	2	
INDU0063	No	70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/26/79-07/11/80	0	2	
INDU0072	Yes	70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/24/79-07/11/80	0	2	
INDU0151	Yes	70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/24/79-07/11/80	0	2	
INDU0164	No	70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/24/79-07/11/80	0	2	
INDU0216	No	70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/24/79-07/11/80	0	2	
INDU0230	No	70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/23/79-07/09/80	0	2	
INDU0236	No	70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/23/79-07/09/80	0	2	
INDU0027	No	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/26/79-07/11/80	0	2	
INDU0055	Yes	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/26/79-07/11/80	0	2	
INDU0063	No	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/26/79-07/11/80	0	2	
INDU0072	Yes	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/24/79-07/11/80	0	2	
INDU0151	Yes	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/24/79-07/11/80	0	2	
INDU0164	No	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/24/79-07/11/80	0	2	
INDU0216	No	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/24/79-07/11/80	0	2	
INDU0230	No	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/23/79-07/09/80	0	2	
INDU0236	No	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/23/79-07/09/80	0	2	
INDU0027	No	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/26/79-07/11/80	0	2	
INDU0055	Yes	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/26/79-07/11/80	0	2	
INDU0063	No	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/26/79-07/11/80	0	2	
INDU0072	Yes	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/24/79-07/11/80	0	2	
INDU0151	Yes	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/24/79-07/11/80	0	2	
INDU0164	No	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/24/79-07/11/80	0	2	
INDU0216	No	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/24/79-07/11/80	0	2	
INDU0230	No	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/23/79-07/09/80	0	2	
INDU0236	No	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/23/79-07/09/80	0	2	
INDU0298	No	71000	COUNT LEVEL OF MOST ABNDNT ALGAE1ST DOMINANT /ML	10/11/66-06/06/67	0	3	
INDU0298	No	71001	COUNT LEVEL OF MOST ABNDNT ALGAE2ND DOMINANT /ML	10/11/66-06/06/67	0	3	
INDU0298	No	71002	COUNT LEVEL OF MOST ABNDNT ALGAE3RD DOMINANT /ML	10/11/66-06/06/67	0	3	
INDU0298	No	71003	COUNT LEVEL OF MOST ABNDNT ALGAE4TH DOMINANT /ML	10/11/66-06/06/67	0	3	
INDU0298	No	71004	COUNT LEVEL OF MOST ABNDNT ALGAE5TH DOMINANT /ML	10/11/66-10/11/66	0	1	
INDU0298	No	71005	COUNT LEVEL OF MOST ABNDNT ALGAE6TH DOMINANT /ML	10/11/66-10/11/66	0	1	
INDU0298	No	71010	GENUS OF MOST ABUNDANT ALGAE 1ST DOMINANT /ML	10/11/66-06/06/67	0	3	
INDU0298	No	71011	GENUS OF MOST ABUNDANT ALGAE 2ND DOMINANT /ML	10/11/66-06/06/67	0	3	
INDU0298	No	71012	GENUS OF MOST ABUNDANT ALGAE 3RD DOMINANT /ML	10/11/66-06/06/67	0	3	
INDU0298	No	71013	GENUS OF MOST ABUNDANT ALGAE 4TH DOMINANT /ML	10/11/66-06/06/67	0	3	
INDU0298	No	71014	GENUS OF MOST ABUNDANT ALGAE 5TH DOMINANT /ML	10/11/66-10/11/66	0	1	
INDU0298	No	71015	GENUS OF MOST ABUNDANT ALGAE 6TH DOMINANT /ML	10/11/66-10/11/66	0	1	
INDU0123	No	71825	ACIDITY, TOTAL (MG/L AS H)	04/12/77-11/16/77	0	2	
INDU0130	No	71825	ACIDITY, TOTAL (MG/L AS H)	04/12/77-11/16/77	0	2	
INDU0134	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	12/21/77-12/21/77	0	1	
INDU0094	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/08/78-08/08/78	0	1	
INDU0151	Yes	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	10/11/79-06/11/80	0	7	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0003	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/19/78-08/26/79	0	2	
INDU0027	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/15/78-07/11/80	1	3	
INDU0055	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/26/79-07/11/80	0	2	
INDU0063	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/26/79-07/11/80	0	2	
INDU0065	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/30/78-11/30/78	0	1	
INDU0066	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/30/78-11/30/78	0	1	
INDU0072	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/17/78-07/11/80	1	3	
INDU0094	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/17/78-07/11/80	1	3	
INDU0103	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/18/78-08/25/79	0	2	
INDU0105	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/18/78-07/12/80	1	3	
INDU0126	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/18/78-07/12/80	1	3	
INDU0151	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/17/78-07/11/80	1	10	
INDU0164	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/17/78-07/11/80	1	3	
INDU0216	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/18/78-07/11/80	1	3	
INDU0230	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/16/78-07/09/80	1	3	
INDU0236	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/16/78-07/09/80	1	3	
INDU0094	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/08/78-08/08/78	0	1	
INDU0094	No	71855	NITRITE NITROGEN,TOTAL (MG/L AS NO2)	08/08/78-08/08/78	0	1	
INDU0094	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/01/73-10/01/73	0	1	
INDU0243	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0244	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0261	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0263	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0267	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0281	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0283	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0284	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0286	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0296	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0299	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0300	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0301	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0304	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0320	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0324	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0329	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0332	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/84-10/03/84	0	1	
INDU0214	Yes	71885	IRON (UG/L AS FE)	07/31/73-07/31/73	0	1	
INDU0001	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/13/75-08/13/75	0	1	
INDU0081	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/29/76-07/29/76	0	1	
INDU0151	Yes	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/11/79-06/11/80	0	8	
INDU0233	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/10/76-08/10/76	0	1	
INDU0003	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/26/76-07/26/77	1	2	
INDU0004	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/04/75-06/26/76	1	3	
INDU0055	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/26/74-08/08/78	3	5	
INDU0062	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/27/77-07/27/77	0	1	
INDU0063	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/26/74-08/08/78	3	4	
INDU0093	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/13/74-08/10/78	3	5	
INDU0094	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/27/74-08/08/78	3	4	
INDU0098	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/14/75-08/10/78	2	3	
INDU0103	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/28/74-08/10/78	3	4	
INDU0112	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/14/75-08/14/75	0	1	
INDU0122	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/23/76-06/23/76	0	1	
INDU0126	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/28/74-06/23/76	1	3	
INDU0151	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	04/18/78-06/11/80	2	10	
INDU0214	Yes	71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/17/75-08/17/75	0	1	
INDU0001	No	71888	PHOSPHORUS, TOTAL SOLUBLE AS PO4 - MG/L	08/13/75-08/13/75	0	1	
INDU0081	No	71888	PHOSPHORUS, TOTAL SOLUBLE AS PO4 - MG/L	07/29/76-07/29/76	0	1	
INDU0233	No	71888	PHOSPHORUS, TOTAL SOLUBLE AS PO4 - MG/L	08/10/76-08/10/76	0	1	
INDU0077	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	01/19/77-01/19/77	0	1	
INDU0093	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0098	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/01/77-09/01/77	0	1	
INDU0101	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/28/76-09/28/76	0	1	
INDU0102	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/28/77-09/01/77	0	2	
INDU0105	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/29/77-08/31/77	0	2	
INDU0107	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0108	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0109	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0112	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/29/76-08/31/77	0	2	
INDU0113	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0115	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/30/77-08/30/77	0	2	
INDU0116	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/30/77-08/30/77	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0118	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/29/76-08/31/77	0	2	
INDU0121	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0123	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/28/76-08/30/77	0	3	
INDU0125	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0126	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/28/76-08/31/77	0	3	
INDU0127	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/29/77-08/31/77	0	2	
INDU0129	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0130	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/29/77-07/29/77	0	1	
INDU0131	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/30/77-08/30/77	0	2	
INDU0134	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/29/77-08/30/77	0	2	
INDU0136	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/30/77-08/30/77	0	2	
INDU0151	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	11/06/78-02/27/80	1	4	
INDU0312	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/13/70-10/13/70	0	1	
INDU0093	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0098	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	09/01/77-09/01/77	0	1	
INDU0102	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	09/01/77-09/01/77	0	1	
INDU0105	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0107	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0108	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0109	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0112	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0113	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0115	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0116	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0118	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0121	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0123	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0125	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0126	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0127	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0129	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0131	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0134	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0136	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0151	Yes	71895	MERCURY, SUSPENDED (UG/L AS HG)	11/06/78-02/27/80	1	3	
INDU0009	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	20	155	
INDU0028	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/03/75-02/03/75	0	1	
INDU0030	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	19	199	
INDU0040	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-09/23/81	1	15	
INDU0041	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/17/80-09/17/80	0	3	
INDU0052	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-07/20/81	1	4	
INDU0053	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/21/80-09/23/81	1	11	
INDU0061	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/18/81-09/23/81	0	8	
INDU0069	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-09/23/81	1	5	
INDU0073	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/23/81-09/23/81	0	2	
INDU0078	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/21/80-07/21/80	0	3	
INDU0079	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/21/80-09/23/81	1	4	
INDU0084	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-09/17/80	0	4	
INDU0089	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	09/17/80-09/17/80	0	2	
INDU0093	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0098	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	09/01/77-09/01/77	0	1	
INDU0102	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/01/77-09/01/77	0	1	
INDU0105	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0107	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0108	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0109	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0110	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/23/81-09/23/81	0	2	
INDU0112	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0113	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0115	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0116	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0118	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0121	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0123	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0125	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0126	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0127	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0129	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	0	1	
INDU0131	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0134	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0136	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/30/77-08/30/77	0	1	
INDU0143	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/14/86-06/24/92	6	73	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0146	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/18/81-10/20/81	0	6	
INDU0149	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/19/80-10/20/81	1	15	
INDU0151	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	11/06/78-02/27/80	1	3	
INDU0155	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/18/80-06/25/81	0	7	
INDU0169	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/20/74-11/02/77	3	46	
INDU0179	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	11	132	
INDU0184	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	13	146	
INDU0191	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/19/89-09/19/89	0	2	
INDU0201	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/22/80-07/22/81	1	6	
INDU0202	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/16/80-09/16/80	0	2	
INDU0203	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-10/20/81	1	6	
INDU0208	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/20/74-11/02/77	3	43	
INDU0211	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-07/22/81	1	10	
INDU0212	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/21/80-06/02/81	0	6	
INDU0214	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	07/31/73-07/31/73	0	1	
INDU0217	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/20/81-10/20/81	0	3	
INDU0218	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-07/22/81	1	8	
INDU0222	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-05/20/80	0	2	
INDU0223	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/02/81-06/02/81	0	2	
INDU0226	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-06/25/81	1	4	
INDU0227	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/16/80-06/02/81	0	6	
INDU0234	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/22/80-07/22/81	1	5	
INDU0235	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-10/20/81	1	11	
INDU0241	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-10/20/81	1	6	
INDU0242	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/22/80-07/22/81	1	7	
INDU0243	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0244	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0261	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0263	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0267	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0268	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/22/80-07/22/81	1	6	
INDU0270	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/19/89-09/19/89	0	2	
INDU0281	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0283	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0284	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0286	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0294	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-10/20/81	1	16	
INDU0295	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/24/81-06/24/81	0	3	
INDU0296	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0297	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/16/80-10/20/81	1	5	
INDU0299	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0300	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0301	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0304	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0311	No	71900	MERCURY, TOTAL (UG/L AS HG)	07/22/80-07/22/80	0	2	
INDU0312	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/13/70-10/13/70	0	1	
INDU0320	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0321	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/15/86-07/27/92	6	78	
INDU0324	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0328	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/26/71-01/11/73	1	7	
INDU0329	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0331	No	71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	12	146	
INDU0332	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/03/84-10/03/84	0	1	
INDU0007	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	0	2	
INDU0010	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	0	1	
INDU0021	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	0	1	
INDU0026	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	0	1	
INDU0029	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	0	1	
INDU0031	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/09/70-06/09/70	0	1	
INDU0032	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	0	1	
INDU0033	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	0	1	
INDU0036	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	0	1	
INDU0037	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	0	1	
INDU0039	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/09/70-06/09/70	0	1	
INDU0043	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/09/70-06/09/70	0	1	
INDU0046	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/09/70-06/09/70	0	1	
INDU0047	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/09/70-06/09/70	0	1	
INDU0055	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/02/73-06/22/76	2	2	
INDU0093	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/24/76-06/24/76	0	1	
INDU0094	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/02/73-08/08/78	5	5	
INDU0101	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/28/76-04/13/77	0	2	
INDU0102	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/13/77-04/13/77	0	2	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0103	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/12/75-07/28/77	1	2	
INDU0105	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/13/77-04/13/77	0	1	
INDU0112	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/29/76-02/11/77	0	2	
INDU0113	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/12/77-04/12/77	0	1	
INDU0123	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/28/76-02/10/77	0	2	
INDU0126	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/01/73-04/12/77	3	4	
INDU0127	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/12/77-04/12/77	0	1	
INDU0130	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/11/77-02/11/77	0	1	
INDU0134	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/10/77-03/10/77	0	1	
INDU0156	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/22/75-04/22/75	0	1	
INDU0158	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/22/75-04/22/75	0	1	
INDU0159	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/22/75-04/22/75	0	1	
INDU0162	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/22/75-04/22/75	0	1	
INDU0163	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/22/75-04/22/75	0	1	
INDU0166	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/22/75-04/22/75	0	2	
INDU0167	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/22/75-04/22/75	0	1	
INDU0168	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/22/75-04/22/75	0	1	
INDU0171	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/08/81-07/08/81	0	1	
INDU0172	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/15/79-10/15/79	0	1	
INDU0174	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/08/81-07/08/81	0	1	
INDU0176	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/23/81-09/23/81	0	3	
INDU0178	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/08/81-07/08/81	0	1	
INDU0182	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/08/81-07/08/81	0	1	
INDU0185	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/08/81-07/08/81	0	1	
INDU0186	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/08/81-07/08/81	0	1	
INDU0189	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/08/81-07/08/81	0	1	
INDU0194	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/28/79-09/03/80	1	3	
INDU0195	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/24/81-09/24/81	0	3	
INDU0206	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/13/79-10/13/79	0	3	
INDU0207	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/23/81-09/23/81	0	3	
INDU0214	Yes	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/27/76-06/27/76	0	1	
INDU0215	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/12/79-10/12/79	0	1	
INDU0220	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/10/79-10/10/79	0	3	
INDU0229	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/80-12/04/80	0	2	
INDU0266	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/16/79-10/16/79	0	3	
INDU0275	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/04/79-10/04/79	0	1	
INDU0282	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/08/79-10/08/79	0	1	
INDU0322	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/02/79-10/02/79	0	3	
INDU0323	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/80-12/04/80	0	2	
INDU0330	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/03/79-10/03/79	0	3	
INDU0333	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/80-12/04/80	0	1	
INDU0030	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/11/79-11/02/88	9	12	
INDU0048	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/06/70-10/27/77	7	204	
INDU0049	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/29/71-04/06/76	4	2	
INDU0054	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/25/74-07/25/74	0	3	
INDU0160	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/18/70-11/18/70	0	5	
INDU0179	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/03/80-11/02/88	8	8	
INDU0184	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/11/79-09/11/79	0	2	
INDU0025	No	71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	10/05/80-10/05/80	0	3	
INDU0030	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/11/79-11/02/88	9	12	
INDU0179	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/03/80-11/02/88	8	10	
INDU0184	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/11/79-09/11/79	0	2	
INDU0030	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/11/79-09/25/86	7	10	
INDU0179	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/03/80-09/25/86	6	7	
INDU0184	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/11/79-09/11/79	0	2	
INDU0030	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/24/86-09/25/86	0	3	
INDU0179	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/16/82-09/25/86	4	5	
INDU0030	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/11/79-09/25/86	7	10	
INDU0179	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/03/80-09/25/86	6	7	
INDU0184	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/11/79-09/11/79	0	2	
INDU0030	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/11/79-11/02/88	9	12	
INDU0179	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/03/80-11/02/88	8	10	
INDU0184	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/11/79-09/11/79	0	2	
INDU0001	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	08/13/75-08/13/75	0	1	
INDU0081	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	07/29/76-07/29/76	0	1	
INDU0233	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	08/10/76-08/10/76	0	1	
INDU0328	No	73000	NITROGEN + ARGON, DISS. BY GAS CHROMATOGRAPH ML/L	12/15/71-12/29/71	0	3	
INDU0173	No	74010	IRON, TOTAL (MG/L AS FE)	01/02/72-05/31/73	1	478	
INDU0262	No	74010	IRON, TOTAL (MG/L AS FE)	01/08/72-03/31/73	1	55	
INDU0264	No	74010	IRON, TOTAL (MG/L AS FE)	01/03/72-03/24/73	1	54	
INDU0265	No	74010	IRON, TOTAL (MG/L AS FE)	02/03/72-02/21/73	1	48	
INDU0272	No	74010	IRON, TOTAL (MG/L AS FE)	02/04/72-03/26/73	1	53	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0274	No	74010	IRON, TOTAL (MG/L AS FE)	01/01/72-03/24/73	1	51	
INDU0276	No	74010	IRON, TOTAL (MG/L AS FE)	03/06/72-03/25/73	1	50	
INDU0277	No	74010	IRON, TOTAL (MG/L AS FE)	01/08/72-03/29/73	1	53	
INDU0280	No	74010	IRON, TOTAL (MG/L AS FE)	01/06/72-03/29/73	1	53	
INDU0288	No	74010	IRON, TOTAL (MG/L AS FE)	01/05/72-03/28/73	1	57	
INDU0289	No	74010	IRON, TOTAL (MG/L AS FE)	01/05/72-03/28/73	1	55	
INDU0290	No	74010	IRON, TOTAL (MG/L AS FE)	01/01/72-12/10/73	1	113	
INDU0291	No	74010	IRON, TOTAL (MG/L AS FE)	01/01/72-03/27/73	1	113	
INDU0303	No	74010	IRON, TOTAL (MG/L AS FE)	01/04/72-03/27/73	1	56	
INDU0306	No	74010	IRON, TOTAL (MG/L AS FE)	01/01/72-03/24/73	1	56	
INDU0309	No	74010	IRON, TOTAL (MG/L AS FE)	01/01/72-03/31/73	1	283	
INDU0315	No	74010	IRON, TOTAL (MG/L AS FE)	05/07/72-03/30/73	0	41	
INDU0317	No	74010	IRON, TOTAL (MG/L AS FE)	01/07/72-03/30/73	1	57	
INDU0318	No	74010	IRON, TOTAL (MG/L AS FE)	01/04/72-03/30/73	1	112	
INDU0319	No	74010	IRON, TOTAL (MG/L AS FE)	01/07/72-03/30/73	1	56	
INDU0326	No	74010	IRON, TOTAL (MG/L AS FE)	02/01/72-03/31/73	1	238	
INDU0144	No	74022	TURBIDITY OF SUPERNATANT, MG/L	09/02/72-05/31/73	0	261	
INDU0147	No	74022	TURBIDITY OF SUPERNATANT, MG/L	09/01/72-05/31/73	0	266	
INDU0148	No	74022	TURBIDITY OF SUPERNATANT, MG/L	09/01/72-05/31/73	0	252	
INDU0116	No	75038	POTASSIUM 40, TOTAL	02/19/81-02/19/81	0	1	
INDU0230	No	75038	POTASSIUM 40, TOTAL	07/09/80-07/09/80	0	1	
INDU0236	No	75038	POTASSIUM 40, TOTAL	07/09/80-07/09/80	0	1	
INDU0030	No	76031	ACETONE TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	76031	ACETONE TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	0	3	
INDU0030	No	76050	METHYL ETHYL KETONE TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	76050	METHYL ETHYL KETONE TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	0	3	
INDU0030	No	76138	2-HEXANONE TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	76138	2-HEXANONE TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	0	3	
INDU0030	No	76141	METHYL ISOBUTYL KETONE TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	76141	METHYL ISOBUTYL KETONE TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	0	3	
INDU0030	No	76164	STYRENE TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	76164	STYRENE TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	0	3	
INDU0030	No	76184	BENZYL ALCOHOL TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	76184	BENZYL ALCOHOL TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	76287	BENZOIC ACID TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	76287	BENZOIC ACID TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	76619	DIBENZOFURAN TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	76619	DIBENZOFURAN TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	0	2	
INDU0009	No	77089	ANILINE WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	77089	ANILINE WHOLE WATER,UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	77089	ANILINE WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	77147	BENZYL ALCOHOL WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	77147	BENZYL ALCOHOL WHOLE WATER,UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	77147	BENZYL ALCOHOL WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	77247	BENZOIC ACID WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	77247	BENZOIC ACID WHOLE WATER,UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	77247	BENZOIC ACID WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	77571	CARBAZOLE WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	77571	CARBAZOLE WHOLE WATER,UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	77571	CARBAZOLE WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	78113	ETHYL BENZENE WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	9	
INDU0179	No	78113	ETHYL BENZENE WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	11	
INDU0191	No	78113	ETHYL BENZENE WHOLE WATER SAMPLE UG/L	04/19/89-09/19/89	0	2	
INDU0270	No	78113	ETHYL BENZENE WHOLE WATER SAMPLE UG/L	04/19/89-09/19/89	0	2	
INDU0321	No	78113	ETHYL BENZENE WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	3	10	
INDU0191	No	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	04/19/89-09/19/89	0	2	
INDU0270	No	78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	04/19/89-09/19/89	0	2	
INDU0191	No	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	04/19/89-09/19/89	0	2	
INDU0270	No	78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	04/19/89-09/19/89	0	2	
INDU0030	No	78211	ENDRIN KETONE IN FISH TISSUE WETWTMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	78211	ENDRIN KETONE IN FISH TISSUE WETWTMG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	78300	3-NITROANILINE, TOTAL, IN WATER UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	78300	3-NITROANILINE, TOTAL, IN WATER UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	78300	3-NITROANILINE, TOTAL, IN WATER UG/L	03/29/89-04/21/92	3	10	
INDU0030	No	78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	11/02/88-11/02/88	0	3	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0030	No	78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	11/02/88-11/02/88	0	3	
INDU0025	No	79027	OCTACHLOR EPOXIDE IN FISH WET WGT MG/KG	10/05/80-10/05/80	0	3	
INDU0030	No	79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	11/02/88-11/02/88	0	2	
INDU0105	Yes	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	02/18/81-08/25/81	0	3	
INDU0112	Yes	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	02/11/77-02/11/77	0	1	
INDU0116	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	02/19/81-08/26/81	0	3	
INDU0123	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	02/10/77-02/10/77	0	1	
INDU0126	Yes	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	02/10/77-02/10/77	0	1	
INDU0130	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	02/11/77-02/11/77	0	1	
INDU0135	Yes	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	02/19/81-08/26/81	0	3	
INDU0105	Yes	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	02/18/81-08/25/81	0	3	
INDU0112	Yes	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	02/11/77-02/11/77	0	1	
INDU0116	No	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	02/19/81-08/26/81	0	3	
INDU0123	No	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	02/10/77-02/10/77	0	1	
INDU0126	Yes	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	02/10/77-02/10/77	0	1	
INDU0130	No	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	02/11/77-02/11/77	0	1	
INDU0135	Yes	80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	02/19/81-08/26/81	0	3	
INDU0055	Yes	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	10/02/78-10/02/78	0	1	
INDU0063	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	10/03/78-10/03/78	0	1	
INDU0105	Yes	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	02/18/81-08/25/81	0	3	
INDU0112	Yes	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	02/11/77-02/11/77	0	1	
INDU0116	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	02/19/81-08/26/81	0	3	
INDU0123	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	02/10/77-02/10/77	0	1	
INDU0126	Yes	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	02/10/77-02/10/77	0	1	
INDU0130	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	02/11/77-02/11/77	0	1	
INDU0135	Yes	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	02/19/81-08/26/81	0	3	
INDU0151	Yes	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	10/04/78-10/04/78	0	1	
INDU0216	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	10/04/78-10/04/78	0	1	
INDU0286	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	10/03/84-10/03/84	0	1	
INDU0324	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	10/03/84-10/03/84	0	1	
INDU0329	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	10/03/84-10/03/84	0	1	
INDU0105	Yes	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	02/18/81-08/25/81	0	3	
INDU0112	Yes	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	02/11/77-02/11/77	0	1	
INDU0116	No	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	02/19/81-08/26/81	0	3	
INDU0123	No	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	02/10/77-02/10/77	0	1	
INDU0126	Yes	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	02/10/77-02/10/77	0	1	
INDU0130	No	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	02/11/77-02/11/77	0	1	
INDU0135	Yes	80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	02/19/81-08/26/81	0	3	
INDU0190	No	80148	ACTINOMYCETES,TOTAL PLATE COUNT,26C,14DAY,TPC/ML	04/11/78-12/16/91	13	92	
INDU0271	No	80148	ACTINOMYCETES,TOTAL PLATE COUNT,26C,14DAY,TPC/ML	04/11/78-12/16/91	13	94	
INDU0151	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/18/78-06/11/80	2	9	
INDU0151	Yes	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/18/78-06/11/80	2	9	
INDU0088	No	81211	FLUORIDE- STATE OF ILLINOIS (MG/L)	07/02/69-08/13/69	0	7	
INDU0092	Yes	81211	FLUORIDE- STATE OF ILLINOIS (MG/L)	07/02/69-08/13/69	0	7	
INDU0152	No	81211	FLUORIDE- STATE OF ILLINOIS (MG/L)	07/02/69-08/13/69	0	7	
INDU0197	No	81211	FLUORIDE- STATE OF ILLINOIS (MG/L)	07/02/69-08/13/69	0	7	
INDU0198	No	81211	FLUORIDE- STATE OF ILLINOIS (MG/L)	07/02/69-08/13/69	0	7	
INDU0224	No	81211	FLUORIDE- STATE OF ILLINOIS (MG/L)	07/02/69-08/13/69	0	7	
INDU0225	No	81211	FLUORIDE- STATE OF ILLINOIS (MG/L)	07/02/69-08/13/69	0	7	
INDU0231	No	81211	FLUORIDE- STATE OF ILLINOIS (MG/L)	07/02/69-08/13/69	0	7	
INDU0088	No	81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD DIGEST.	07/02/69-08/13/69	0	7	
INDU0092	Yes	81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD DIGEST.	07/02/69-08/13/69	0	7	
INDU0152	No	81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD DIGEST.	07/02/69-08/13/69	0	7	
INDU0197	No	81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD DIGEST.	07/02/69-08/13/69	0	7	
INDU0198	No	81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD DIGEST.	07/02/69-08/13/69	0	7	
INDU0224	No	81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD DIGEST.	07/02/69-08/13/69	0	7	
INDU0225	No	81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD DIGEST.	07/02/69-08/13/69	0	7	
INDU0231	No	81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD DIGEST.	07/02/69-08/13/69	0	7	
INDU0088	No	81219	IRON,TOTAL-STATE OF ILLINOIS,MG/L,COLD DIGEST	07/02/69-08/13/69	0	7	
INDU0092	Yes	81219	IRON,TOTAL-STATE OF ILLINOIS,MG/L,COLD DIGEST	07/02/69-08/13/69	0	7	
INDU0152	No	81219	IRON,TOTAL-STATE OF ILLINOIS,MG/L,COLD DIGEST	07/02/69-08/13/69	0	7	
INDU0197	No	81219	IRON,TOTAL-STATE OF ILLINOIS,MG/L,COLD DIGEST	07/02/69-08/13/69	0	7	
INDU0198	No	81219	IRON,TOTAL-STATE OF ILLINOIS,MG/L,COLD DIGEST	07/02/69-08/13/69	0	7	
INDU0224	No	81219	IRON,TOTAL-STATE OF ILLINOIS,MG/L,COLD DIGEST	07/02/69-08/13/69	0	7	
INDU0225	No	81219	IRON,TOTAL-STATE OF ILLINOIS,MG/L,COLD DIGEST	07/02/69-08/13/69	0	7	
INDU0231	No	81219	IRON,TOTAL-STATE OF ILLINOIS,MG/L,COLD DIGEST	07/02/69-08/13/69	0	7	
INDU0088	No	81220	LEAD, STATE OF ILLINOIS,MG/L, COLD DIGEST.	07/02/69-08/13/69	0	7	
INDU0092	Yes	81220	LEAD, STATE OF ILLINOIS,MG/L, COLD DIGEST.	07/02/69-08/13/69	0	7	
INDU0152	No	81220	LEAD, STATE OF ILLINOIS,MG/L, COLD DIGEST.	07/02/69-08/13/69	0	7	
INDU0197	No	81220	LEAD, STATE OF ILLINOIS,MG/L, COLD DIGEST.	07/02/69-08/13/69	0	7	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[!]
INDU0198	No	81220	LEAD, STATE OF ILLINOIS,MG/L, COLD DIGEST.	07/02/69-08/13/69	0	7	
INDU0224	No	81220	LEAD, STATE OF ILLINOIS,MG/L, COLD DIGEST.	07/02/69-08/13/69	0	7	
INDU0225	No	81220	LEAD, STATE OF ILLINOIS,MG/L, COLD DIGEST.	07/02/69-08/13/69	0	7	
INDU0231	No	81220	LEAD, STATE OF ILLINOIS,MG/L, COLD DIGEST.	07/02/69-08/13/69	0	7	
INDU0028	No	81285	ZYTRON(C10H14CL2NO2PS) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0028	No	81287	DNBP(C10H12N2O5) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0028	No	81289	PHENCAPTON(C11H15CL2O2PS3) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0028	No	81290	EPN(C14H14NO4PS) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0028	No	81291	PHOSALONE TOTAL WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0028	No	81292	AZINPHOSETHYL C12H16N3O3PS2WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0028	No	81293	COUMAPHOS(C14H16CLO5PS) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0028	No	81294	DYFONATE(CU/H15OPS2) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0028	No	81295	DEF(C12H27OPS3) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0009	No	81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	3	10	
INDU0028	No	81303	NITROFEN(C12H7CL2NO3) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0028	No	81304	PROLAN(C15H13CL2NO2) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0028	No	81305	BULAN(C16H15CL2NO2) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0028	No	81328	DICHLOROETHENE WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0028	No	81346	DIETHYLHEXYLPHTHALATE ISOMRWHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	0	1	
INDU0031	No	81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	06/09/70-06/09/70	0	1	
INDU0039	No	81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	06/09/70-06/09/70	0	1	
INDU0043	No	81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	06/09/70-06/09/70	0	1	
INDU0046	No	81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	06/09/70-06/09/70	0	1	
INDU0047	No	81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	06/09/70-06/09/70	0	1	
INDU0229	No	81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	12/04/80-12/04/80	0	2	
INDU0323	No	81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	12/04/80-12/04/80	0	2	
INDU0333	No	81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	12/04/80-12/04/80	0	1	
INDU0028	No	81403	DURSBAN(CHLOROPYRIFOS)WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	0	1	
INDU0009	No	81551	XYLENE WHL WATER SMPL UG/L	03/29/89-04/22/92	3	9	
INDU0179	No	81551	XYLENE WHL WATER SMPL UG/L	03/29/89-04/22/92	3	11	
INDU0191	No	81551	XYLENE WHL WATER SMPL UG/L	04/19/89-09/19/89	0	2	
INDU0270	No	81551	XYLENE WHL WATER SMPL UG/L	04/19/89-09/19/89	0	2	
INDU0321	No	81551	XYLENE WHL WATER SMPL UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	81552	ACETONE WHL WATER SMPL UG/L	03/29/89-10/23/91	2	9	
INDU0179	No	81552	ACETONE WHL WATER SMPL UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	81552	ACETONE WHL WATER SMPL UG/L	03/29/89-04/21/92	3	9	
INDU0009	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	03/29/89-10/23/91	2	9	
INDU0179	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	03/29/89-04/21/92	3	10	
INDU0025	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10/05/80-10/05/80	0	3	
INDU0030	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/11/79-11/02/88	9	78	
INDU0048	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/14/69-10/27/77	8	264	
INDU0049	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/29/71-04/06/76	4	3	
INDU0054	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/25/74-07/25/74	0	4	
INDU0160	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/18/70-11/18/70	0	7	
INDU0179	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/02/80-11/02/88	8	65	
INDU0184	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/10/79-09/11/79	0	14	
INDU0025	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	10/05/80-10/05/80	0	3	
INDU0030	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	09/11/79-09/12/79	0	6	
INDU0048	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	05/14/69-10/27/77	8	255	
INDU0049	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	09/29/71-04/06/76	4	3	
INDU0054	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	07/25/74-07/25/74	0	4	
INDU0160	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	09/18/70-11/18/70	0	7	
INDU0184	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	09/11/79-09/11/79	0	4	
INDU0030	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	11/02/88-11/02/88	0	2	
INDU0179	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	11/02/88-11/02/88	0	3	
INDU0009	No	81648	PCB - 1016/1242 IN THE WHOLE WATER SMPL UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	81648	PCB - 1016/1242 IN THE WHOLE WATER SMPL UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	81648	PCB - 1016/1242 IN THE WHOLE WATER SMPL UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	8	
INDU0179	No	81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	3	9	
INDU0321	No	81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	3	8	
INDU0030	No	81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	11/02/88-11/02/88	0	3	
INDU0030	No	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	09/11/79-11/02/88	9	22	
INDU0179	No	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	09/03/80-11/02/88	8	17	
INDU0184	No	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	09/11/79-09/11/79	0	4	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0229	No	81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	12/04/80-12/04/80	0	2	
INDU0323	No	81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	12/04/80-12/04/80	0	2	
INDU0229	No	81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	12/04/80-12/04/80	0	2	
INDU0323	No	81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	12/04/80-12/04/80	0	2	
INDU0025	No	82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	10/05/80-10/05/80	0	1	
INDU0030	No	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	09/11/79-11/02/88	9	22	
INDU0179	No	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	09/03/80-11/02/88	8	17	
INDU0184	No	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	09/11/79-09/11/79	0	4	
INDU0105	Yes	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	02/18/81-08/25/81	0	3	
INDU0116	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	05/20/81-08/26/81	0	2	
INDU0124	Yes	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	02/19/80-02/19/80	0	1	
INDU0135	Yes	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	02/19/81-08/26/81	0	3	
INDU0009	No	82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVERABLE, UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVERABLE, UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVERABLE, UG/L	03/29/89-04/21/92	3	10	
INDU0009	No	82624	ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE,UG/L	03/29/89-04/22/92	3	10	
INDU0179	No	82624	ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE,UG/L	03/29/89-04/22/92	3	11	
INDU0321	No	82624	ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE,UG/L	03/29/89-04/21/92	3	10	
INDU0262	No	85002	SOLIDS, SUSPENDED - (#/DAY)	01/08/72-03/31/73	1	55	
INDU0264	No	85002	SOLIDS, SUSPENDED - (#/DAY)	01/03/72-03/24/73	1	52	
INDU0265	No	85002	SOLIDS, SUSPENDED - (#/DAY)	02/03/72-02/21/73	1	48	
INDU0272	No	85002	SOLIDS, SUSPENDED - (#/DAY)	02/04/72-03/26/73	1	53	
INDU0274	No	85002	SOLIDS, SUSPENDED - (#/DAY)	01/01/72-03/24/73	1	51	
INDU0276	No	85002	SOLIDS, SUSPENDED - (#/DAY)	03/06/72-03/25/73	1	50	
INDU0277	No	85002	SOLIDS, SUSPENDED - (#/DAY)	01/08/72-03/29/73	1	53	
INDU0280	No	85002	SOLIDS, SUSPENDED - (#/DAY)	01/06/72-03/29/73	1	53	
INDU0288	No	85002	SOLIDS, SUSPENDED - (#/DAY)	01/05/72-03/28/73	1	57	
INDU0289	No	85002	SOLIDS, SUSPENDED - (#/DAY)	01/05/72-03/28/73	1	55	
INDU0290	No	85002	SOLIDS, SUSPENDED - (#/DAY)	01/01/72-12/10/73	1	113	
INDU0291	No	85002	SOLIDS, SUSPENDED - (#/DAY)	01/01/72-03/27/73	1	113	
INDU0303	No	85002	SOLIDS, SUSPENDED - (#/DAY)	01/04/72-03/27/73	1	56	
INDU0306	No	85002	SOLIDS, SUSPENDED - (#/DAY)	01/01/72-03/24/73	1	56	
INDU0309	No	85002	SOLIDS, SUSPENDED - (#/DAY)	01/01/72-03/31/73	1	283	
INDU0315	No	85002	SOLIDS, SUSPENDED - (#/DAY)	05/07/72-03/30/73	0	41	
INDU0317	No	85002	SOLIDS, SUSPENDED - (#/DAY)	01/07/72-03/30/73	1	57	
INDU0318	No	85002	SOLIDS, SUSPENDED - (#/DAY)	01/04/72-03/30/73	1	112	
INDU0319	No	85002	SOLIDS, SUSPENDED - (#/DAY)	01/07/72-03/30/73	1	56	
INDU0326	No	85002	SOLIDS, SUSPENDED - (#/DAY)	02/01/72-03/31/73	1	238	
INDU0318	No	85003	PHENOLS - (#/DAY)	01/04/72-03/30/73	1	112	
INDU0262	No	85012	IRON, TOTAL - (#/DAY)	01/08/72-03/31/73	1	55	
INDU0264	No	85012	IRON, TOTAL - (#/DAY)	01/03/72-03/24/73	1	54	
INDU0265	No	85012	IRON, TOTAL - (#/DAY)	02/03/72-02/21/73	1	48	
INDU0272	No	85012	IRON, TOTAL - (#/DAY)	02/04/72-03/26/73	1	53	
INDU0274	No	85012	IRON, TOTAL - (#/DAY)	01/01/72-03/24/73	1	51	
INDU0276	No	85012	IRON, TOTAL - (#/DAY)	03/06/72-03/25/73	1	50	
INDU0277	No	85012	IRON, TOTAL - (#/DAY)	01/08/72-03/29/73	1	53	
INDU0280	No	85012	IRON, TOTAL - (#/DAY)	01/06/72-03/29/73	1	53	
INDU0288	No	85012	IRON, TOTAL - (#/DAY)	01/05/72-03/28/73	1	57	
INDU0289	No	85012	IRON, TOTAL - (#/DAY)	01/05/72-03/28/73	1	55	
INDU0290	No	85012	IRON, TOTAL - (#/DAY)	01/01/72-12/10/73	1	113	
INDU0291	No	85012	IRON, TOTAL - (#/DAY)	01/01/72-03/27/73	1	113	
INDU0303	No	85012	IRON, TOTAL - (#/DAY)	01/04/72-03/27/73	1	56	
INDU0306	No	85012	IRON, TOTAL - (#/DAY)	01/01/72-03/24/73	1	56	
INDU0309	No	85012	IRON, TOTAL - (#/DAY)	01/01/72-03/31/73	1	283	
INDU0315	No	85012	IRON, TOTAL - (#/DAY)	05/07/72-03/30/73	0	41	
INDU0317	No	85012	IRON, TOTAL - (#/DAY)	01/07/72-03/30/73	1	57	
INDU0318	No	85012	IRON, TOTAL - (#/DAY)	01/04/72-03/30/73	1	112	
INDU0319	No	85012	IRON, TOTAL - (#/DAY)	01/07/72-03/30/73	1	56	
INDU0326	No	85012	IRON, TOTAL - (#/DAY)	02/01/72-03/31/73	1	238	
INDU0007	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	0	2	
INDU0010	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	0	1	
INDU0021	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	0	1	
INDU0026	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	0	1	
INDU0029	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	0	1	
INDU0031	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	06/09/70-06/09/70	0	1	
INDU0032	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	0	1	
INDU0033	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	0	1	
INDU0036	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	0	1	
INDU0037	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	0	1	
INDU0039	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	06/09/70-06/09/70	0	1	
INDU0043	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	06/09/70-06/09/70	0	1	
INDU0046	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	06/09/70-06/09/70	0	1	

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

Station/Parameter Period of Record Tabulation
From 04/29/35 To 07/28/92

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
INDU0047	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	06/09/70-06/09/70	0	1	
INDU0156	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	04/22/75-04/22/75	0	1	
INDU0158	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	04/22/75-04/22/75	0	1	
INDU0159	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	04/22/75-04/22/75	0	1	
INDU0162	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	04/22/75-04/22/75	0	1	
INDU0163	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	04/22/75-04/22/75	0	1	
INDU0166	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	04/22/75-04/22/75	0	2	
INDU0167	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	04/22/75-04/22/75	0	1	
INDU0168	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	04/22/75-04/22/75	0	1	
INDU0229	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	12/04/80-12/04/80	0	2	
INDU0323	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	12/04/80-12/04/80	0	2	
INDU0333	No	85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	12/04/80-12/04/80	0	1	
INDU0030	No	85759	NITROANILINE, 2- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	85759	NITROANILINE, 2- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	85760	CHLORANILINE, 4- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	85760	CHLORANILINE, 4- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	85761	VINYL ACETATE, TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	85761	VINYL ACETATE, TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	3	
INDU0030	No	85762	NITROANILINE, 4- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	85762	NITROANILINE, 4- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	85763	NITROANILINE, 3- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	85763	NITROANILINE, 3- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	85764	TRICHLOROPHENOL, 2,4,5- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	85764	TRICHLOROPHENOL, 2,4,5- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	85765	METHYLNAPHTHALENE, 2- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	85765	METHYLNAPHTHALENE, 2- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	85766	METHYLPHENOL, 4- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	85766	METHYLPHENOL, 4- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	85767	METHYLPHENOL, 2- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	85767	METHYLPHENOL, 2- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0030	No	85768	CARBON DISULFIDE, TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	2	
INDU0179	No	85768	CARBON DISULFIDE, TISSUE, WET WT, MG/KG	11/02/88-11/02/88	0	3	
INDU0009	No	85810	DICHLOROETHYLENE, TRANS-1,2- , EFFLUENT UG/L	03/29/89-03/29/89	0	1	
INDU0179	No	85810	DICHLOROETHYLENE, TRANS-1,2- , EFFLUENT UG/L	03/29/89-03/29/89	0	1	
INDU0321	No	85810	DICHLOROETHYLENE, TRANS-1,2- , EFFLUENT UG/L	03/29/89-03/29/89	0	1	

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

Station-By-Station Results

Station Inventory for Station: INDU0001

NPS Station ID: INDU0001
LAT/LON: 41.610003/ -86.824170
Agency: 21IND
Date Created: 10/17/81
Location: SWEDE LAKE, LAPORTE COUNTY
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 350194 /SWEDE4601
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 15
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: LAKE MICHIGAN WESTERN SHORE
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001010100.00
RF3 Mile Point: 0.38
Distance from RF3: 0.08
On/Off RF3:
Description:
LOCATED 4 MI. W. OF LAPORTE, AREA=33 ACRES, MAX. DEPTH=15 FT.

Parameter Inventory for Station: INDU0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/13/75-08/13/75	24	16.5	16.004	23.	7.8	29.172	5.401	8.5	10.675	21.375	22.65
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/13/75-08/13/75	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/13/75-08/13/75	21	2.5	2.867	4.2	2.	0.392	0.626	2.12	2.5	3.4	3.86
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/13/75-08/13/75	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/13/75-08/13/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	08/13/75-08/13/75	2	6250.	6250.	11000.	1500.	45125000.	6717.514	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/13/75-08/13/75	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71888	PHOSPHORUS, TOTAL SOLUBLE AS PO4 - MG/L	08/13/75-08/13/75	1	-0.02	-0.02	-0.02	-0.02	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	08/13/75-08/13/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	21	20	0.95										21	20	0.95

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0002

NPS Station ID: INDU0002
LAT/LON: 41.614170/ -86.840559
Agency: 112WRD
Date Created: 11/18/75
Location: S E INLET PINHOOK BOG NR PINHOOK, IND
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 413651086502600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001034500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/73-08/09/78	13	12.6	11.646	23.	0.	69.221	8.32	0.24	1.6	19.5	22.08
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/03/73-08/09/78	14	160.5	177.929	500.	55.	12101.302	110.006	62.5	119.5	192.75	397.5
00300	OXYGEN, DISSOLVED MG/L	08/03/73-08/09/78	9	1.4	2.111	7.5	0.4	5.496	2.344	0.4	0.55	3.1	7.5
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/03/73-08/07/73	2	13.5	13.5	16.	11.	12.5	3.536	**	**	**	**
00400	PH (STANDARD UNITS)	08/03/73-08/09/78	11	6.2	6.264	7.4	5.7	0.241	0.49	5.7	6.	6.4	7.28
00400	CONVERTED PH (STANDARD UNITS)	08/03/73-08/09/78	11	6.2	6.086	7.4	5.7	0.275	0.524	5.7	6.	6.4	7.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/73-08/09/78	11	0.631	0.82	1.995	0.04	0.429	0.655	0.064	0.398	1.	1.995
00405	CARBON DIOXIDE (MG/L AS CO2)	04/24/74-04/24/74	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/24/74-04/24/74	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/24/74-04/24/74	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/24/74-04/24/74	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/24/74-04/24/74	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/24/74-04/24/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/24/74-04/24/74	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/24/74-04/24/74	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/24/74-04/24/74	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/24/74-04/24/74	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/24/74-04/24/74	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/24/74-08/09/78	10	34.	33.8	52.	12.	154.4	12.426	13.	25.	43.5	51.9
00945	SULFATE, TOTAL (MG/L AS SO4)	04/24/74-04/24/74	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/23/74-01/23/74	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/73-08/07/73	1	3300.	3300.	3300.	3300.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/07/73-08/07/73	1	3.519	3.519	3.519	3.519	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3300.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/73-06/26/76	3	25.	24.667	29.	20.	20.333	4.509	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/73-06/26/76	3	1.398	1.387	1.462	1.301	0.007	0.081	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			24.385								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/07/73-06/26/76	2	342.5	342.5	600.	85.	132612.5	364.16	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/07/73-06/26/76	2	2.354	2.354	2.778	1.929	0.36	0.6	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			225.832								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	9	7	0.78	1	1	1.00	1	1	1.00	3	1	0.33	4	4	1.00
00400	PH	Other-Hi Lim.	9.	11	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	11	9	0.82	2	2	1.00	2	2	1.00	4	3	0.75	3	2	0.67
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00										1	1	1.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00							2	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0003

NPS Station ID: INDU0003
LAT/LON: 41.619448/ -86.840838
Agency: 112WRD
Date Created: 11/18/75
Location: NE INLET PINHOOK BOG NR PINHOOK, IND
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413710086502700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001034500.00
RF3 Mile Point: 0.49
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/74-08/26/79	10	14.5	13.13	21.8	1.7	50.525	7.108	1.83	6.75	19.2	21.63
00070	TURBIDITY, (JACKSON CANDLE UNITS)	06/26/76-07/26/77	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/13/76-08/26/79	8	324.	305.375	490.	30.	20701.125	143.879	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/13/76-08/26/79	7	6.	5.686	9.5	0.5	11.095	3.331	**	**	**	**
00400	PH (STANDARD UNITS)	05/13/76-08/26/79	9	7.6	7.033	7.9	5.8	0.778	0.882	5.8	6.15	7.8	7.9
00400	CONVERTED PH (STANDARD UNITS)	05/13/76-08/26/79	9	7.6	6.401	7.9	5.8	1.227	1.108	5.8	6.15	7.8	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/13/76-08/26/79	9	0.025	0.397	1.585	0.013	0.313	0.56	0.013	0.016	0.751	1.585
00405	CARBON DIOXIDE (MG/L AS CO2)	06/26/76-08/26/79	3	6.2	5.6	6.4	4.2	1.48	1.217	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/26/76-08/26/79	4	157.5	161.25	200.	130.	1172.917	34.248	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/26/76-07/26/77	2	162.5	162.5	165.	160.	12.5	3.536	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/26/76-07/26/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/26/76-07/26/77	2	0.505	0.505	0.81	0.2	0.186	0.431	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/26/79-08/26/79	1	0.59	0.59	0.59	0.59	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/26/76-07/26/77	2	0.3	0.3	0.6	0.	0.18	0.424	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/19/78-08/26/79	2	0.415	0.415	0.5	0.33	0.014	0.12	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/19/78-08/26/79	2 ##	0.023	0.023	0.04	0.005	0.001	0.025	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/26/76-07/26/77	2	0.045	0.045	0.06	0.03	0.	0.021	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/26/76-07/26/77	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/26/76-07/26/77	2	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/19/78-08/26/79	2	0.435	0.435	0.54	0.33	0.022	0.148	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/26/76-07/26/77	2 ##	0.34	0.34	0.63	0.05	0.168	0.41	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/26/76-07/26/77	2	0.19	0.19	0.2	0.18	0.	0.014	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/19/78-08/26/79	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/19/78-08/26/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/26/76-07/26/77	2	0.055	0.055	0.06	0.05	0.	0.007	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/19/78-08/26/79	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/19/78-08/26/79	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/26/76-08/26/79	4	5.45	7.275	15.	3.2	27.929	5.285	**	**	**	**
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	06/26/76-06/26/76	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/26/76-08/26/79	4	195.	187.5	230.	130.	2558.333	50.58	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/26/76-08/26/79	3	25.	19.	32.	0.	283.	16.823	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/26/76-08/26/79	4	42.	40.5	50.	28.	107.667	10.376	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/26/76-08/26/79	4	21.	20.75	26.	15.	36.917	6.076	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/26/76-08/26/79	4	5.95	5.95	9.4	2.5	7.937	2.817	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/26/76-08/26/79	4	0.2	0.2	0.3	0.1	0.007	0.082	**	**	**	**
00932	SODIUM, PERCENT	06/26/76-08/26/79	4	6.5	6.25	8.	4.	4.25	2.062	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/26/79-08/26/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/26/76-08/26/79	4	2.7	2.65	3.2	2.	0.35	0.592	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	06/26/76-08/26/79	4	16.5	16.5	27.	6.	77.667	8.813	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/26/76-08/26/79	4	25.	25.25	33.	18.	48.25	6.946	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/19/78-08/26/79	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/19/78-08/26/79	2	4.9	4.9	6.3	3.5	3.92	1.98	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/26/76-07/26/77	2	760.	760.	820.	700.	7200.	84.853	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/19/78-08/26/79	2	60.	60.	70.	50.	200.	14.142	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/26/76-07/26/77	2	130.	130.	180.	80.	5000.	70.711	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/19/78-08/26/79	2 ##	72.5	72.5	140.	5.	9112.5	95.459	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/76-06/26/76	2	1005.	1005.	2000.	10.	1980050.	1407.142	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/26/76-06/26/76	2	2.151	2.151	3.301	1.	2.647	1.627	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			141.421								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/26/76-06/26/76	2	240.	240.	380.	100.	39200.	197.99	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	06/26/76-06/26/76	2	2.29	2.29	2.58	2.	0.168	0.41	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			194.936								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	06/26/76-06/26/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/24/74-06/26/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/24/74-06/26/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	0.75	0.75	1.5	0.	1.125	1.061	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/24/74-06/26/76	2	0.1	0.1	0.2	0.	0.02	0.141	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/74-06/26/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/24/74-06/26/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/24/74-06/26/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/74-06/26/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/26/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/24/74-06/26/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/74-06/26/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	04/24/74-06/26/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/19/78-08/26/79	2	251.	251.	261.	241.	200.	14.142	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/19/78-08/26/79	2	0.345	0.345	0.36	0.33	0.	0.021	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/19/78-08/26/79	2	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/26/76-07/26/77	2	2.25	2.25	3.6	0.9	3.645	1.909	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0003

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/16-1/15---------- Obs	Exceed	Prop.	----------1/16-3/15---------- Obs	Exceed	Prop.	----------3/16-7/15---------- Obs	Exceed	Prop.	----------7/16-9/15---------- Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00							1	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	7	2	0.29	2	1	0.50				4	1	0.25	1	0	0.00
00400	PH	Other-Hi Lim.	9.	9	0	0.00	3	0	0.00				4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	9	4	0.44	3	2	0.67				4	2	0.50	2	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00							1	0	0.00	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00				1	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	4	0	0.00	1	0	0.00				1	0	0.00	2	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	1	0.50							2	1	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0004

NPS Station ID: INDU0004
LAT/LON: 41.614726/ -86.841392
Agency: 112WRD
Date Created: 11/18/75
Location: PINHOOK BOG NE NEAR PINHOOK, INDIANA
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 413653086502900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001034500.00
RF3 Mile Point: 0.29
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/73-08/26/79	11	14.5	12.809	24.5	0.	83.223	9.123	0.1	1.	18.7	24.5
00080	COLOR (PLATINUM-COBALT UNITS)	08/03/73-08/03/73	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/03/73-08/26/79	12	137.	127.917	200.	20.	3441.356	58.663	29.	74.	173.75	200.
00300	OXYGEN, DISSOLVED MG/L	08/03/73-08/26/79	9	2.	2.478	5.8	0.5	4.122	2.03	0.5	0.75	4.35	5.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/03/73-02/04/75	4	22.5	30.5	69.	8.	719.	26.814	**	**	**	**
00400	PH (STANDARD UNITS)	08/03/73-08/26/79	12	6.35	6.375	7.4	5.2	0.531	0.729	5.26	5.825	6.975	7.37
00400	CONVERTED PH (STANDARD UNITS)	08/03/73-08/26/79	12	6.282	5.89	7.4	5.2	0.787	0.887	5.26	5.825	6.975	7.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/73-08/26/79	12	0.523	1.287	6.31	0.04	3.75	1.936	0.043	0.106	1.503	5.611
00405	CARBON DIOXIDE (MG/L AS CO2)	08/03/73-06/26/76	5	21.	21.28	38.	6.4	153.692	12.397	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/03/73-06/26/76	5	11.	12.2	26.	5.	65.7	8.106	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/03/73-06/26/76	5	13.	15.	32.	6.	100.	10.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	02/04/75-06/26/76	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	02/04/75-06/26/76	3	1.	0.97	1.2	0.71	0.061	0.246	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/04/75-06/26/76	3	0.61	0.707	0.91	0.6	0.031	0.176	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/04/75-06/26/76	3	0.09	0.253	0.6	0.07	0.09	0.3	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/03/73-06/26/76	4	0.01	0.011	0.02	0.005	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/03/73-06/26/76	4	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/75-06/26/76	3	1.	0.96	1.2	0.68	0.069	0.262	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/03/73-06/26/76	4	0.03	0.03	0.04	0.02	0.	0.008	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/03/73-06/26/76	4	0.05	0.048	0.05	0.04	0.	0.005	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/16/75-06/26/76	2	35.5	35.5	36.	35.	0.5	0.707	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/03/73-06/26/76	5	27.	27.2	34.	21.	21.7	4.658	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/03/73-06/26/76	5	16.	14.8	23.	7.	40.7	6.38	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/73-06/26/76	5	7.	7.04	8.5	5.2	1.433	1.197	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/73-06/26/76	5	2.2	2.28	3.	2.	0.172	0.415	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/73-06/26/76	5	16.	15.14	21.	7.7	23.798	4.878	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/03/73-06/26/76	5	1.4	1.28	1.8	0.7	0.167	0.409	**	**	**	**
00932	SODIUM, PERCENT	08/03/73-06/26/76	5	53.	51.2	62.	41.	69.2	8.319	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/73-06/26/76	5	2.5	2.42	3.	1.8	0.227	0.476	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/73-08/26/79	9	25.	23.	38.	6.	102.	10.1	6.	15.	31.	38.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/03/73-06/26/76	5	12.	11.4	14.	8.	5.8	2.408	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/03/73-06/26/76	4	2400.	2300.	2500.	1900.	73333.333	270.801	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/03/73-06/26/76	4	265.	280.	350.	240.	2333.333	48.305	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/04/75-06/26/76	2	0.05	0.05	0.1	0.	0.005	0.071	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	02/04/75-06/26/76	3	4.6	4.367	5.4	3.1	1.363	1.168	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	9	7	0.78	1	1	1.00	2	2	1.00	3	2	0.67	3	2	0.67
00400	PH	Other-Hi Lim.	9.	12	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	12	6	0.50	3	1	0.33	2	2	1.00	3	2	0.67	4	1	0.25
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00				1	0	0.00	1	0	0.00	2	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00				1	0	0.00	1	0	0.00	2	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00				1	0	0.00	1	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	5	0	0.00				1	0	0.00	2	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0005

NPS Station ID: INDU0005 LAT/LON: 41.611392/ -86.845559 Agency: 112WRD Date Created: 11/18/75
Location: RETEN PND AT SALT STOR AREA NR PINHOOK IND FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 413641086504400
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 04040001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 04040001000215.42 RF3 Mile Point: 17.15 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: INDU0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/73-05/17/77	4	18.85	16.425	26.5	1.5	121.889	11.04	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/03/73-05/17/77	3	960.	2221.333	5380.	324.	7584005.333	2753.907	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/03/73-05/17/77	4	10.35	8.85	11.2	3.5	13.363	3.656	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/03/73-01/23/74	3	111.	102.667	117.	80.	394.333	19.858	**	**	**	**
00400	PH (STANDARD UNITS)	08/03/73-05/17/77	4	8.65	8.125	9.1	6.1	1.909	1.382	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/03/73-05/17/77	4	8.582	6.699	9.1	6.1	4.621	2.15	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/73-05/17/77	4	0.003	0.2	0.794	0.001	0.157	0.396	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	10/16/73-10/16/73	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/73-01/23/74	2	71.	71.	88.	54.	578.	24.042	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/16/73-01/23/74	2	73.5	73.5	101.	46.	1512.5	38.891	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/16/73-01/23/74	2	6.5	6.5	10.	3.	24.5	4.95	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/16/73-01/23/74	2	75.5	75.5	110.	41.	2380.5	48.79	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/16/73-01/23/74	2	13.	13.	26.	0.	338.	18.385	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/16/73-01/23/74	2	24.5	24.5	37.	12.	312.5	17.678	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	08/03/73-08/03/73	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/16/73-01/23/74	2	3.9	3.9	5.1	2.7	2.88	1.697	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/16/73-01/23/74	2	690.	690.	1200.	180.	520200.	721.249	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/16/73-01/23/74	2	30.5	30.5	49.	12.	684.5	26.163	**	**	**	**
00932	SODIUM, PERCENT	10/16/73-01/23/74	2	93.	93.	96.	90.	18.	4.243	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/16/73-01/23/74	2	3.1	3.1	3.3	2.9	0.08	0.283	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/03/73-05/17/77	4	177.	584.	1900.	82.	777485.333	881.751	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/16/73-01/23/74	2	24.5	24.5	35.	14.	220.5	14.849	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0005

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	4	1	0.25	1	0	0.00	1	0	0.00	1	1	1.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	4	1	0.25	1	0	0.00	1	1	1.00	1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	4	1	0.25	1	0	0.00	1	0	0.00	1	1	1.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	1	0.25	1	1	1.00	1	0	0.00	1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00	1	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0006

NPS Station ID: INDU0006
LAT/LON: 41.597503/ -86.881392
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR04W04 SENE S
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413551086525301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001032800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.18
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/12/62-04/12/62	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/12/62-04/12/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/12/62-04/12/62	1	352.	352.	352.	352.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/12/62-04/12/62	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/12/62-04/12/62	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/12/62-04/12/62	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/12/62-04/12/62	1	423.	423.	423.	423.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0006

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0007

NPS Station ID: INDU0007 LAT/LON: 41.719448/ -86.895559 Agency: 1115GLSB Date Created: 04/03/82
Location: TRAIL CREEK, APPROXIMATELY .9 MILE UPST OF MOUTH FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MCH75-09 /MCH75-09S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04040001002 RF1 Mile Point: 10.670 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 04040001047300.00 RF3 Mile Point: 0.13 Distance from RF3: 0.08 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE MICHIGAN CITY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE TRAIL CREEK, WEST SIDE OF CHANNEL, APPROXIMATELY

Parameter Inventory for Station: INDU0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	2	257500.	257500.	265000.	250000.	112500000.	10606.602	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	2	14500.	14500.	15000.	14000.	500000.	707.107	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	2	200.	200.	210.	190.	200.	14.142	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	2	4850.	4850.	5200.	4500.	245000.	494.975	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	2	5350.	5350.	5700.	5000.	245000.	494.975	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	2	11000.	11000.	11000.	11000.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	2	12.	12.	14.	10.	8.	2.828	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	2	352.5	352.5	380.	325.	1512.5	38.891	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	2	79.	79.	80.	78.	2.	1.414	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	2	365.	365.	370.	360.	50.	7.071	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	2	217.5	217.5	220.	215.	12.5	3.536	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	2	280.	280.	290.	270.	200.	14.142	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	2	730.	730.	750.	710.	800.	28.284	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	2	165.	165.	170.	160.	50.	7.071	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	2	2590.	2590.	2710.	2470.	28800.	169.706	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	2	28500.	28500.	29000.	28000.	500000.	707.107	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	2	## 0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	2	16.5	16.5	16.6	16.4	0.02	0.141	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0008

NPS Station ID: INDU0008 | LAT/LON: 41.713337/ -86.896671 | Agency: 1115GLSP | Date Created: / /
Location: MICHIGAN CITY WATER TREAT. PLANT | FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /MUN/CMBTRT/CMBSRC/WELL/STREAM/LAKE | STORET Station ID(s): DWB024
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 04040001 | Depth of Water: 2 | Aquifer:
Major Basin: LAKE MICHIGAN | Elevation: 0 | Water Body Id:
Minor Basin: CALUMET - BURNS DITCH COMPLEX | ECO Region:
RF1 Index: 04040001002 | RF1 Mile Point: 10.400 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 04040001003700.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.06 | On/Off RF3:
Description:
THESE ARE ANALYTICAL RESULTS FROM THE REGION V DRINKING WATER SURVEY PREPARED BY BILL FAIRLESS (312-353-8370) DEPUTY DIRECTOR,CENTRAL REGIONAL LABORATORY. THIS SURVEY MAY BE CONSIDERED BASELINE CONCENTRATION VALUES SINCE IT WAS COMPLETED AT APPROXIMATELY THE SAME TIME AS THE SAFE DRINKING WATER ACT WAS PASSED. RAW AND FINISHED WATER

Parameter Inventory for Station: INDU0008

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0009

NPS Station ID: INDU0009 LAT/LON: 41.721670/ -86.896948 Agency: 21IND Date Created: / /
Location: TRAIL CREEK AT MICHIGAN CITY MILE POINT 1.00 FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 174330 /TC 1
RMI-Indexes: 0827029 Within Park Boundary: No
RMI-Miles: 0000.80
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: TRAIL CREEK ECO Region:
RF1 Index: 04040001002 RF1 Mile Point: 10.670 Distance from RF1: 7.90 On/Off RF1: OFF
RF3 Index: 04040001000218.10 RF3 Mile Point: 19.65 Distance from RF3: 0.46 On/Off RF3:
Description:
STATION IS LOCATED AT THE 2ND STREET, US HWY 12 BRIDGE IN MICHIGAN CITY IND, IT IS 1.0 MILE UPSTREAM FROM LAKE MICHIGAN, .8 MILES DOWNSTREAM FROM THE MICHIGAN CITY STP. MICHIGAN CITY STP.

Parameter Inventory for Station: INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	224	14.	12.929	29.9	0.	56.052	7.487	3.	6.	20.	23.
00060	FLOW, STREAM, MEAN DAILY CFS	01/12/70-11/10/71	36	40.5	66.5	388.	23.	6329.857	79.56	28.7	33.	57.5	111.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	116	16.	65.181	840.	5.	19005.554	137.861	7.	10.	39.5	160.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/12/71-12/14/72	37	2.	3.432	16.	1.	18.052	4.249	1.	1.	4.	9.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	223	570.	556.695	1137.	237.	11796.979	108.614	420.	509.	620.	670.
00300p	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	224	7.9	7.685	13.5	1.	8.045	2.836	3.65	5.625	10.	11.4
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	168	2.4	2.948	31.	0.5	7.684	2.772	1.2	1.8	3.4	4.6
00311	BOD, DISSOLVED, 5 DAY MG/L	01/12/70-12/07/70	22	2.5	2.609	4.7	1.	1.104	1.051	1.1	1.8	3.325	4.28
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	206	20.	22.381	60.	2.5	80.353	8.964	13.	16.	26.	35.
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	165	7.51	7.52	8.8	6.5	0.109	0.33	7.1	7.3	7.705	7.87
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	165	7.51	7.396	8.8	6.5	0.124	0.353	7.1	7.3	7.705	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	165	0.031	0.04	0.316	0.002	0.001	0.037	0.014	0.02	0.05	0.079
00403p	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	214	7.5	7.514	8.6	6.3	0.101	0.318	7.1	7.3	7.7	7.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	214	7.5	7.382	8.6	6.3	0.119	0.344	7.1	7.3	7.7	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	214	0.032	0.041	0.501	0.003	0.002	0.047	0.013	0.02	0.05	0.079
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	158	190.	180.627	230.	73.	914.962	30.248	135.9	167.75	202.	208.2
00500p	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	145	410.	378.648	4100.	2.	118816.507	344.698	13.	371.5	432.	457.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	205	19.	26.934	248.	0.5	920.335	30.337	9.	13.	27.5	46.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-11/19/85	67	5.	8.985	93.	1.	210.833	14.52	2.	4.	9.	12.2
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/17/86-03/29/88	17	3.	8.932	79.	0.05	347.873	18.651	0.41	1.5	7.5	31.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	149	3.4	4.278	32.	0.5	15.324	3.915	1.	2.	5.4	8.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/12/71-12/14/72	39	0.5	0.669	3.2	0.1	0.466	0.683	0.1	0.2	0.9	1.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	205	0.9	1.056	5.	0.03	0.753	0.868	0.2	0.3	1.5	2.24
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	01/12/70-12/07/70	22	9.5	9.727	16.	2.	12.303	3.508	5.3	7.	13.	14.7
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/12/71-12/14/71	20	1.	0.95	1.9	0.2	0.15	0.387	0.51	0.625	1.175	1.56
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-07/23/91	65	1.6	1.791	4.7	0.3	0.682	0.826	0.86	1.3	2.2	2.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	187	1.	1.244	4.	0.2	0.616	0.785	0.5	0.7	1.6	2.42
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/12/70-12/14/72	42	5.7	17.95	99.	0.6	421.004	20.518	1.23	1.675	31.25	40.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	184	0.18	0.454	4.5	0.015	0.715	0.845	0.08	0.12	0.26	1.71
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/18/85	57	6.6	7.481	18.3	3.3	9.261	3.043	4.74	5.4	9.05	11.9
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	206	0.005	0.021	0.5	0.001	0.002	0.046	0.003	0.003	0.021	0.05
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	158	268.	256.816	400.	98.	1581.195	39.764	201.8	245.5	278.5	290.
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/23/91	51	174.	170.49	216.	82.	735.695	27.124	131.8	164.	190.	199.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00920	MAGNESIUM (MG/L AS CACO3)	01/28/81-11/19/85	49	82.	78.918	114.	20.	400.118	20.003	44.	71.	91.	98.
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	151	24.	24.502	54.	4.5	54.425	7.377	16.	20.	28.	32.8
00937	POTASSIUM, TOTAL MG/L AS K)	01/12/71-11/19/85	89	3.2	3.433	6.	2.	0.618	0.786	2.8	3.	4.	4.5
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	156	32.	31.801	84.	9.	105.412	10.267	21.	25.	37.	41.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	131	68.	67.256	120.	2.5	270.951	16.461	49.	59.	76.	84.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/12/71-11/19/85	90	0.2	0.266	1.7	0.1	0.027	0.164	0.2	0.2	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-07/28/92	97	9.	7.533	12.	0.15	13.169	3.629	1.	4.	10.	11.
00956	SILICA, TOTAL (MG/L AS SI02)	04/28/87-02/08/89	2	7.5	7.5	11.	4.	24.5	4.95	**	**	**	**
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	02/23/71-11/02/77	48	10.	8.958	10.	5.	4.211	2.052	5.	10.	10.	10.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/28/92	62	1.	1.16	2.	0.1	0.211	0.459	0.8	1.	1.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	69	50.	51.449	70.	20.	80.222	8.957	40.	50.	60.	60.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	03/29/89-07/28/92	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	113	2.	5.46	70.	1.	52.661	7.257	1.	2.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/12/71-11/19/85	79	10.	8.987	10.	5.	4.09	2.022	5.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	202	10.	12.589	130.	2.	254.363	15.949	5.	5.	10.	30.
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	113	10.	16.009	180.	2.	397.902	19.947	4.	6.	20.	31.2
01045	IRON, TOTAL (UG/L AS FE)	01/12/71-11/19/85	99	1200.	1434.141	12000.	500.	1676449.	1294.778	680.	900.	1600.	2200.
01046	IRON, DISSOLVED (UG/L AS FE)	05/20/86-03/25/92	44	190.	234.205	940.	35.	35484.818	188.374	75.	120.	302.5	450.
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	143	10.	16.28	70.	3.	130.865	11.44	5.	10.	20.	30.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/12/71-11/19/85	90	135.	146.222	440.	70.	3120.4	55.861	100.	110.	160.	209.
01059	THALLIUM, TOTAL (UG/L AS TL)	03/29/89-07/28/92	12 ##	10.	9.333	10.	2.	5.333	2.309	4.4	10.	10.	10.
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	144	10.	15.478	70.	0.02	232.538	15.249	0.055	7.75	20.	40.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	69 ##	5.	5.652	50.	5.	29.348	5.417	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	135	90.	101.222	760.	5.	5689.726	75.43	46.	60.	130.	160.
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/29/89-07/28/92	12 ##	0.35	0.417	0.9	0.35	0.028	0.168	0.35	0.35	0.35	0.81
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	68 ##	0.25	0.371	5.	0.1	0.39	0.625	0.2	0.2	0.25	0.455
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/12/70-11/19/85	71	24000.	186040.704	4000000.	10.365	47481083.783	604545.103	304.	8500.	77000.	400000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/12/70-11/19/85	71	4.38	4.251	6.602	1.	1.41	1.187	2.412	3.929	4.886	5.6
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17820.395								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	178	1100.	11391.416	180000.	5.	823913595.555	28703.895	10.	97.5	6900.	35800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	178	3.041	2.921	5.255	0.699	1.538	1.24	1.	1.989	3.839	4.553
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			834.44								
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/28/92	49	500.	1627.449	10000.	5.	5434477.211	2331.197	40.	175.	2400.	4500.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/28/92	49	2.699	2.733	4.	0.699	0.574	0.757	1.602	2.243	3.379	3.653
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			540.462								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32104	BROMOFORM,WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32106	CHLOROFORM,WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	0.5	0.77	2.4	0.5	0.391	0.625	0.5	0.5	0.7	2.29
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	163 ##	2.5	3.429	11.	1.	3.231	1.798	2.	2.5	5.	5.
32732	PHENOLICS,DISSOLVED,UG/L	03/29/89-04/22/92	10 ##	2.1	2.1	2.1	2.1	0.	0.	2.1	2.1	2.1	2.1
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/29/89-04/22/92	10 ##	0.75	0.855	1.8	0.75	0.11	0.332	0.75	0.75	0.75	1.695
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/29/89-04/22/92	10 ##	0.5	0.76	3.1	0.5	0.676	0.822	0.5	0.5	0.5	2.84
34200	ACENAPHTHYLENE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34205	ACENAPHTHENE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34220	ANTHRACENE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	1.25	1.25	1.25	1.25	0.	0.	1.25	1.25	1.25	1.25
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	03/29/89-04/22/92	10 ##	1.25	1.25	1.25	1.25	0.	0.	1.25	1.25	1.25	1.25
34247	BENZO-A-PYRENE TOTWUG/L	03/29/89-04/22/92	10 ##	1.75	1.75	1.75	1.75	0.	0.	1.75	1.75	1.75	1.75
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/29/89-04/22/92	10 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	03/29/89-04/22/92	10 ##	0.75	0.75	0.75	0.75	0.	0.	0.75	0.75	0.75	0.75
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	03/29/89-04/22/92	10 ##	0.75	0.75	0.75	0.75	0.	0.	0.75	0.75	0.75	0.75
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	03/29/89-04/22/92	10 ##	2.25	2.25	2.25	2.25	0.	0.	2.25	2.25	2.25	2.25
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34301	CHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34320	CHRYSENE TOTWUG/L	03/29/89-04/22/92	10 ##	1.75	1.75	1.75	1.75	0.	0.	1.75	1.75	1.75	1.75
34336	DIETHYL PHTHALATE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34341	DIMETHYL PHTHALATE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	03/29/89-04/22/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34376	FLUORANTHENE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34381	FLUORENE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	03/29/89-04/22/92	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34396	HEXACHLOROETHANE TOTWUG/L	03/29/89-04/22/92	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	03/29/89-04/22/92	10 ##	1.75	1.75	1.75	1.75	0.	0.	1.75	1.75	1.75	1.75
34408	ISOPHORONE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34423	METHYLENE CHLORIDE TOTWUG/L	03/29/89-04/22/92	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	03/29/89-04/22/92	10 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
34447	NITROBENZENE TOTWUG/L	03/29/89-04/22/92	10 ##	1.25	1.25	1.25	1.25	0.	0.	1.25	1.25	1.25	1.25
34461	PHENANTHRENE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34469	PYRENE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34475	TETRACHLOROETHYLENE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34496	1,1-DICHLOROETHANE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34501	1,1-DICHLOROETHYLENE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.79	3.4	0.5	0.841	0.917	0.5	0.5	0.5	3.11
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	03/29/89-04/22/92	10 ##	1.75	1.75	1.75	1.75	0.	0.	1.75	1.75	1.75	1.75
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	03/29/89-04/22/92	10 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
34536	1,2-DICHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34541	1,2-DICHLOROPROPANE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	03/29/89-04/22/92	10 ##	1.75	1.75	1.75	1.75	0.	0.	1.75	1.75	1.75	1.75
34566	1,3-DICHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34571	1,4-DICHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34581	2-CHLORONAPHTHALENE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34586	2-CHLOROPHENOL TOTWUG/L	03/29/89-04/22/92	10 ##	1.9	1.9	1.9	1.9	0.	0.	1.9	1.9	1.9	1.9
34591	2-NITROPHENOL TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	03/29/89-04/22/92	10 ##	0.75	0.75	0.75	0.75	0.	0.	0.75	0.75	0.75	0.75
34601	2,4-DICHLOROPHENOL TOTWUG/L	03/29/89-04/22/92	10 ##	2.4	2.4	2.4	2.4	0.	0.	2.4	2.4	2.4	2.4
34606	2,4-DIMETHYLPHENOL TOTWUG/L	03/29/89-04/22/92	10 ##	2.4	2.4	2.4	2.4	0.	0.	2.4	2.4	2.4	2.4
34611	2,4-DINITROTOLUENE TOTWUG/L	03/29/89-04/22/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34616	2,4-DINITROPHENOL TOTWUG/L	03/29/89-04/22/92	10 ##	0.8	0.8	0.8	0.8	0.	0.	0.8	0.8	0.8	0.8
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	03/29/89-04/22/92	10 ##	3.1	3.1	3.1	3.1	0.	0.	3.1	3.1	3.1	3.1
34626	2,6-DINITROTOLUENE TOTWUG/L	03/29/89-04/22/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	03/29/89-04/22/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	03/29/89-04/22/92	10 ##	0.75	0.75	0.75	0.75	0.	0.	0.75	0.75	0.75	0.75
34646	4-NITROPHENOL TOTWUG/L	03/29/89-04/22/92	10 ##	2.7	2.7	2.7	2.7	0.	0.	2.7	2.7	2.7	2.7
34696	NAPHTHALENE TOTWUG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34705	CIS-1,3-DICHLOROPROPENE DISSOLVED IN WATER UG/L	03/29/89-03/29/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	10 ##	0.9	0.9	0.9	0.9	0.	0.	0.9	0.9	0.9	0.9
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	0.75	3.9	20.	0.75	46.822	6.843	0.75	0.75	3.813	19.3
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	10 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/29/89-04/22/92	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/29/89-04/22/92	10 ##	0.015	0.015	0.015	0.015	0.	0.	0.015	0.015	0.015	0.015
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	10 ##	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	10 ##	0.04	0.04	0.04	0.04	0.	0.	0.04	0.04	0.04	0.04
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	10 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	10 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	10 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	10 ##	0.5	0.4	0.5	0.25	0.017	0.129	0.25	0.25	0.5	0.5
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	10 ##	0.5	0.4	0.5	0.25	0.017	0.129	0.25	0.25	0.5	0.5
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/25/81-08/20/85	5 ##	0.5	0.55	1.	0.25	0.075	0.274	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	10 ##	2.6	2.6	2.6	2.6	0.	0.	2.6	2.6	2.6	2.6
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	03/29/89-04/22/92	10 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/28/92	60	32724.5	32117.733	90511.	10004.	332329060.029	18229.895	10515.9	12811.75	40494.5	43011.1
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	120	383.5	404.008	3900.	146.	106585.975	326.475	301.9	352.	402.75	424.
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	155 ##	0.05	0.258	2.8	0.05	0.262	0.512	0.05	0.05	0.1	0.9
77089	ANILINE WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	0.75	0.75	0.75	0.75	0.	0.	0.75	0.75	0.75	0.75
77147	BENZYL ALCOHOL WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	1.25	1.25	1.25	1.25	0.	0.	1.25	1.25	1.25	1.25
77247	BENZOIC ACID WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	0.85	0.85	0.85	0.85	0.	0.	0.85	0.85	0.85	0.85
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
77571	CARBAZOLE WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	03/29/89-04/22/92	10 ##	1.3	1.3	1.3	1.3	0.	0.	1.3	1.3	1.3	1.3
78113	ETHYL BENZENE WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
78300	3-NITROANILINE, TOTAL, IN WATER UG/L	03/29/89-04/22/92	10 ##	1.25	1.25	1.25	1.25	0.	0.	1.25	1.25	1.25	1.25
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
81551	XYLENE WHL WATER SMPL UG/L	03/29/89-04/22/92	9 ##	4.5	4.5	4.5	4.5	0.	0.	4.5	4.5	4.5	4.5
81552	ACETONE WHL WATER SMPL UG/L	03/29/89-10/23/91	9 ##	10.	14.111	36.	10.	80.611	8.978	10.	10.	15.5	36.
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	03/29/89-10/23/91	9 ##	3.	3.778	10.	3.	5.444	2.333	3.	3.	3.	10.
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	03/29/89-04/22/92	10 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
81648	PCB - 1016/1242 IN THE WHOLE WATER SMPL UG/L	03/29/89-04/22/92	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	8 ##	0.375	0.375	0.5	0.25	0.018	0.134	**	**	**	**
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVERABLE, UG/L	03/29/89-04/22/92	10 ##	0.1	0.07	0.1	0.025	0.002	0.039	0.025	0.025	0.1	0.1
82624	ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE,UG/L	03/29/89-04/22/92	10 ##	0.05	0.04	0.05	0.025	0.	0.013	0.025	0.025	0.05	0.05
85810	DICHLOROETHYLENE, TRANS-1,2- , EFFLUENT UG/L	03/29/89-03/29/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	116	25	0.22	39	12	0.31	16	2	0.13	44	11	0.25	17	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	224	30	0.13	69	2	0.03	29	0	0.00	87	11	0.13	39	17	0.44
00400	PH	Other-Hi Lim.	9.	165	0	0.00	48	0	0.00	23	0	0.00	69	0	0.00	25	0	0.00
		Other-Lo Lim.	6.5	165	1	0.01	48	0	0.00	23	0	0.00	69	1	0.01	25	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	214	0	0.00	66	0	0.00	26	0	0.00	86	0	0.00	36	0	0.00
		Other-Lo Lim.	6.5	214	1	0.00	66	0	0.00	26	0	0.00	86	1	0.01	36	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	22	11	0.50	7	6	0.86	3	1	0.33	8	4	0.50	4	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	20	0	0.00	6	0	0.00	3	0	0.00	7	0	0.00	4	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	187	0	0.00	58	0	0.00	24	0	0.00	73	0	0.00	32	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	206	51	0.25	63	15	0.24	27	7	0.26	81	19	0.23	35	10	0.29
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	156	0	0.00	48	0	0.00	18	0	0.00	62	0	0.00	28	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	131	0	0.00	40	0	0.00	14	0	0.00	54	0	0.00	23	0	0.00
00997	ARSENIC, INORGANIC TOT	Fresh Acute	360.	48	0	0.00	12	0	0.00	6	0	0.00	21	0	0.00	9	0	0.00
		Drinking Water	50.	48	0	0.00	12	0	0.00	6	0	0.00	21	0	0.00	9	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	62	0	0.00	20	0	0.00	7	0	0.00	26	0	0.00	9	0	0.00
		Drinking Water	50.	62	0	0.00	20	0	0.00	7	0	0.00	26	0	0.00	9	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	69	0	0.00	21	0	0.00	10	0	0.00	26	0	0.00	12	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	12	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	103 &	42	0.41	31	12	0.39	13	6	0.46	43	17	0.40	16	7	0.44
		Drinking Water	5.	103 &	41	0.40	31	11	0.35	13	6	0.46	43	17	0.40	16	7	0.44
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	79	0	0.00	23	0	0.00	11	0	0.00	33	0	0.00	12	0	0.00
		Drinking Water	100.	79	0	0.00	23	0	0.00	11	0	0.00	33	0	0.00	12	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	202	3	0.01	61	3	0.05	27	0	0.00	80	0	0.00	34	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	113	42	0.37	34	12	0.35	14	6	0.43	47	17	0.36	18	7	0.39
		Drinking Water	1300.	113	0	0.00	34	0	0.00	14	0	0.00	47	0	0.00	18	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0009

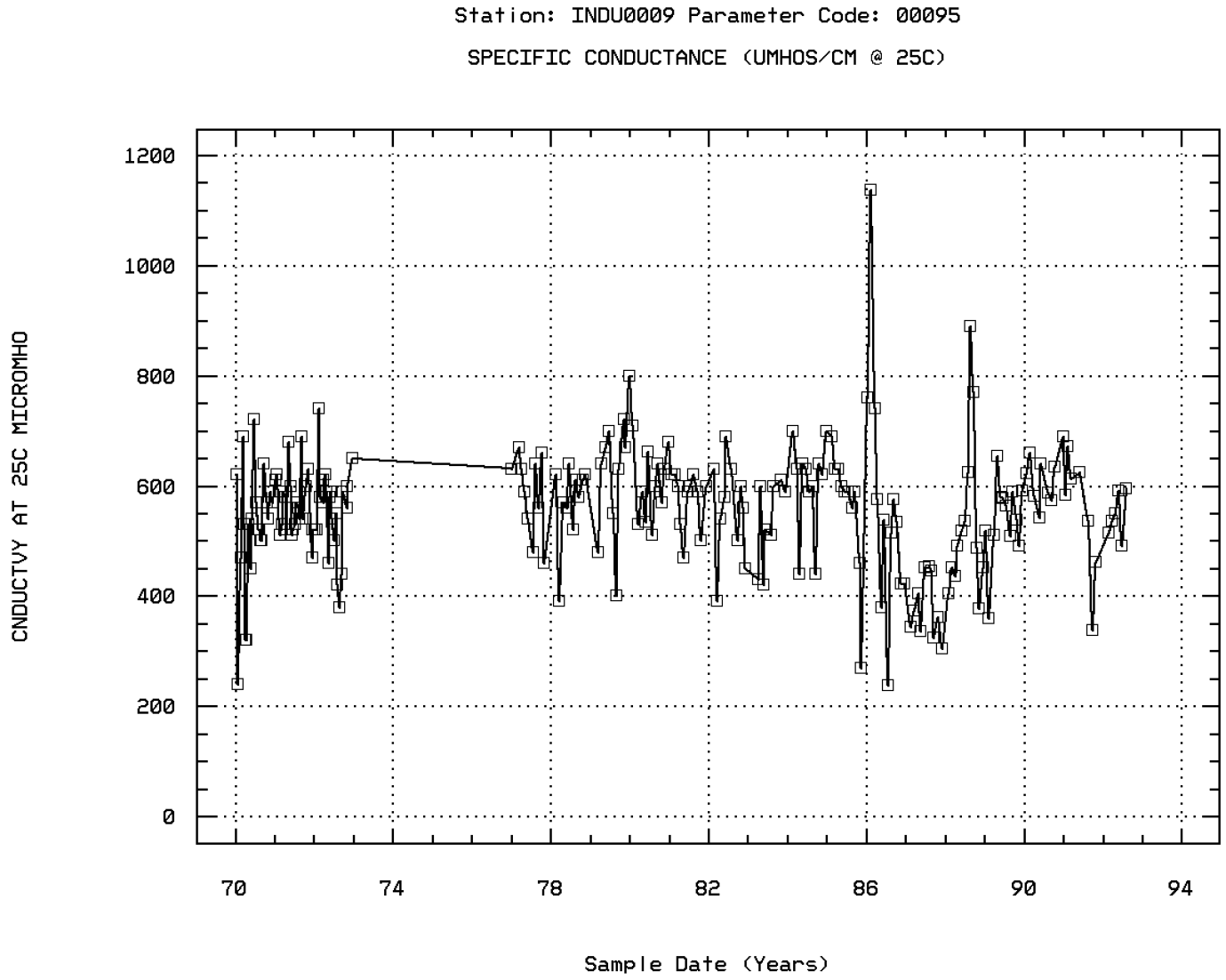
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	143	0	0.00	45	0	0.00	16	0	0.00	58	0	0.00	24	0	0.00
		Drinking Water	5.	117 &	105	0.90	36	31	0.86	14	13	0.93	50	46	0.92	17	15	0.88
01059	THALLIUM, TOTAL	Fresh Acute	1400.	12	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	144	0	0.00	45	0	0.00	17	0	0.00	58	0	0.00	24	0	0.00
		Drinking Water	100.	144	0	0.00	45	0	0.00	17	0	0.00	58	0	0.00	24	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	1 &	1	1.00							1	1	1.00			
		Drinking Water	50.	69	1	0.01	21	0	0.00	10	0	0.00	26	1	0.04	12	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	135	45	0.33	40	19	0.48	17	6	0.35	56	15	0.27	22	5	0.23
01097	ANTIMONY, TOTAL	Fresh Acute	88.	12	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	10.	12	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	68	0	0.00	20	0	0.00	10	0	0.00	26	0	0.00	12	0	0.00
		Drinking Water	50.	68	0	0.00	20	0	0.00	10	0	0.00	26	0	0.00	12	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	71	63	0.89	24	20	0.83	9	6	0.67	27	26	0.96	11	11	1.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	178	126	0.71	55	34	0.62	22	10	0.45	71	57	0.80	30	25	0.83
31648	E. COLI, MTEC, MF	Fresh Acute	126.	49	42	0.86	16	15	0.94	7	7	1.00	18	15	0.83	8	5	0.63
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
		Drinking Water	5.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
		Drinking Water	5.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
		Drinking Water	100.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
		Drinking Water	1000.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34386	HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
		Drinking Water	5.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	9.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	1.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	400.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
		Drinking Water	5.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	0.2	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	2.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	0.2	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	0.4	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	0.2	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	155	3	0.02	48	2	0.04	21	0	0.00	60	1	0.02	26	0	0.00
		Drinking Water	2.	155	4	0.03	48	2	0.04	21	0	0.00	60	1	0.02	26	1	0.04
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
82624	ENDOSULFAN, BETA, WH WATER, TOTAL RECOVE	Fresh Acute	0.22	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00

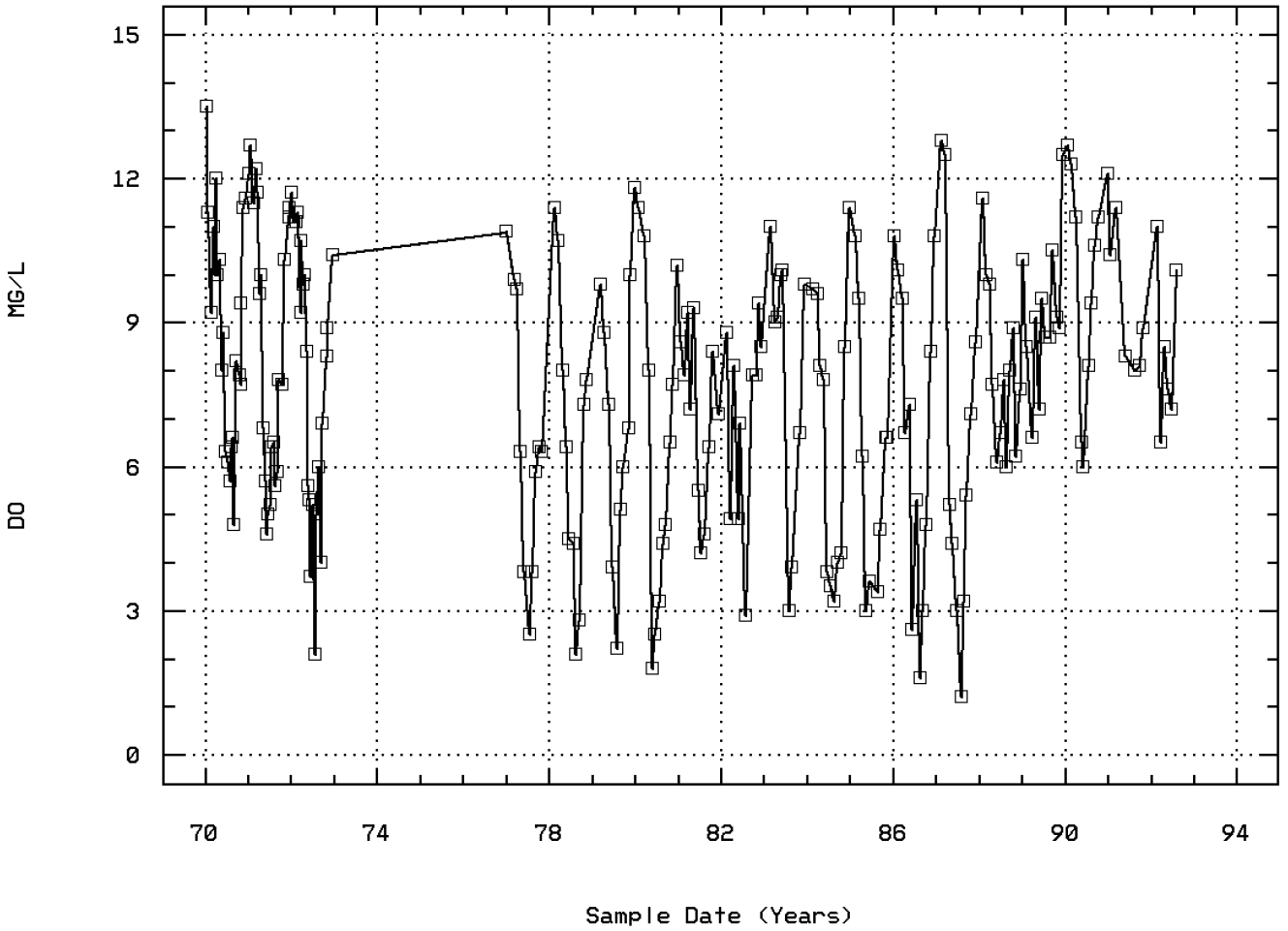
& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter



TRAIL CREEK AT MICHIGAN CITY MILE POINT

Station: INDU0009 Parameter Code: 00300

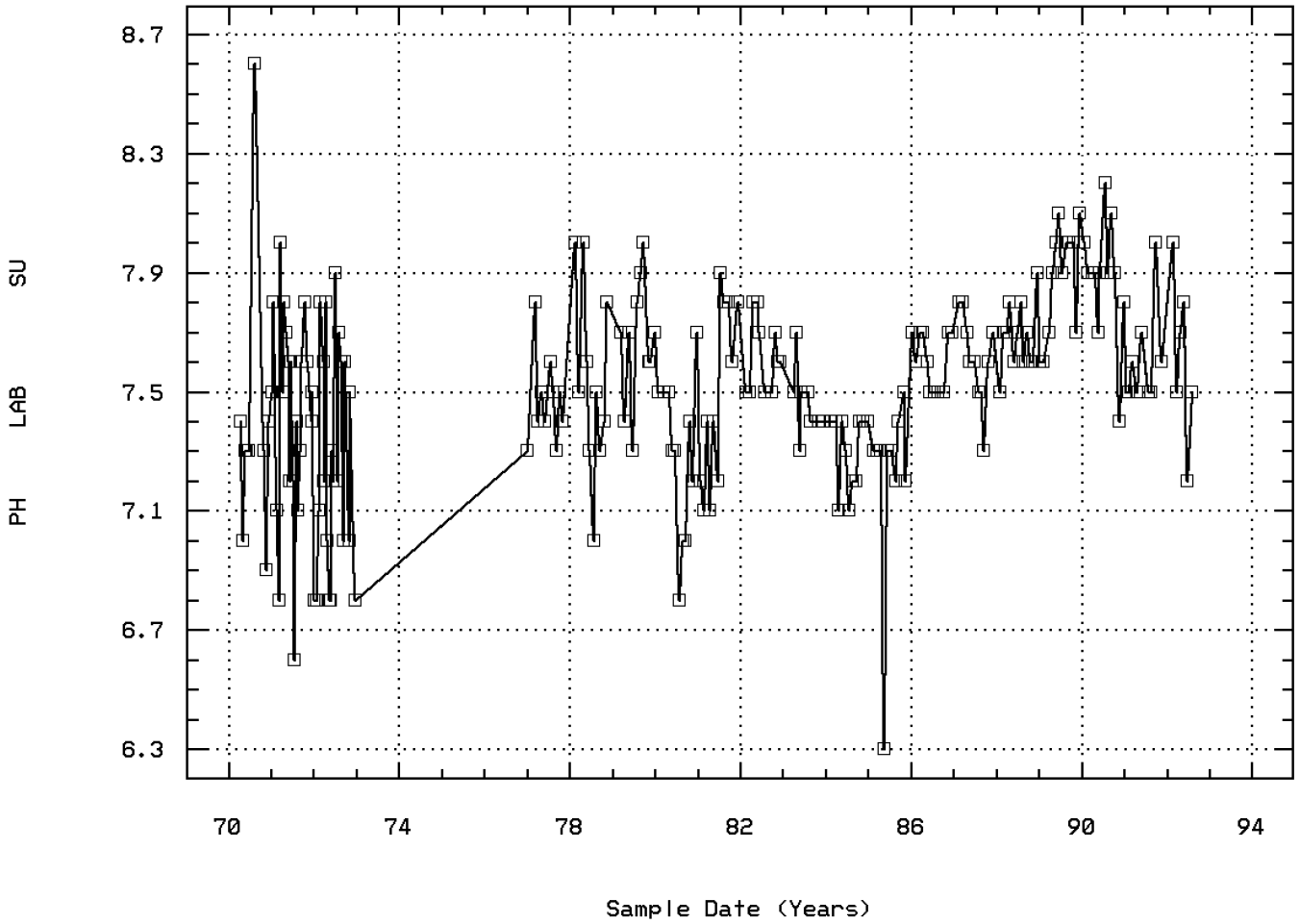
OXYGEN, DISSOLVED



TRAIL CREEK AT MICHIGAN CITY MILE POINT

Station: INDU0009 Parameter Code: 00403

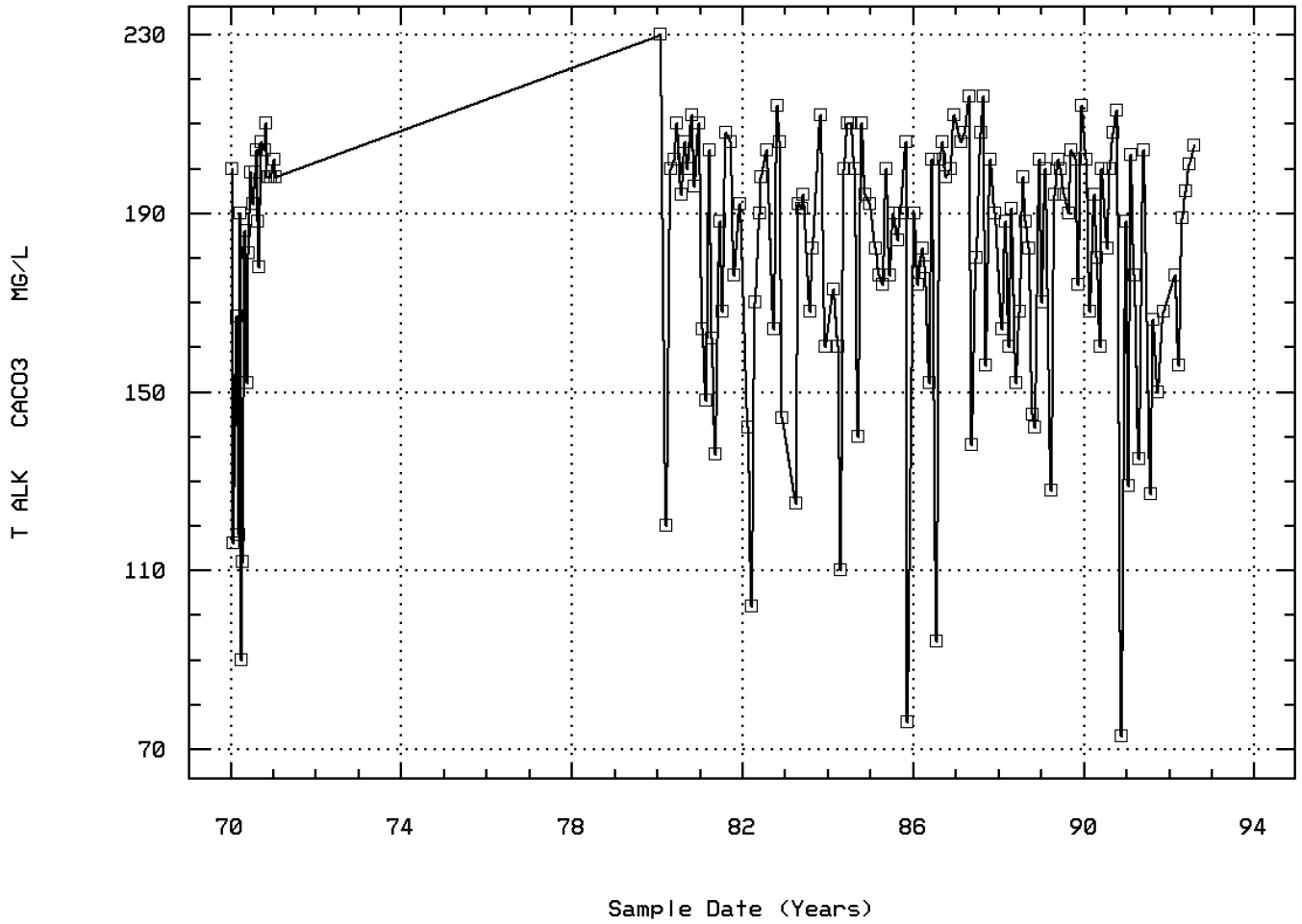
PH, LAB, STANDARD UNITS



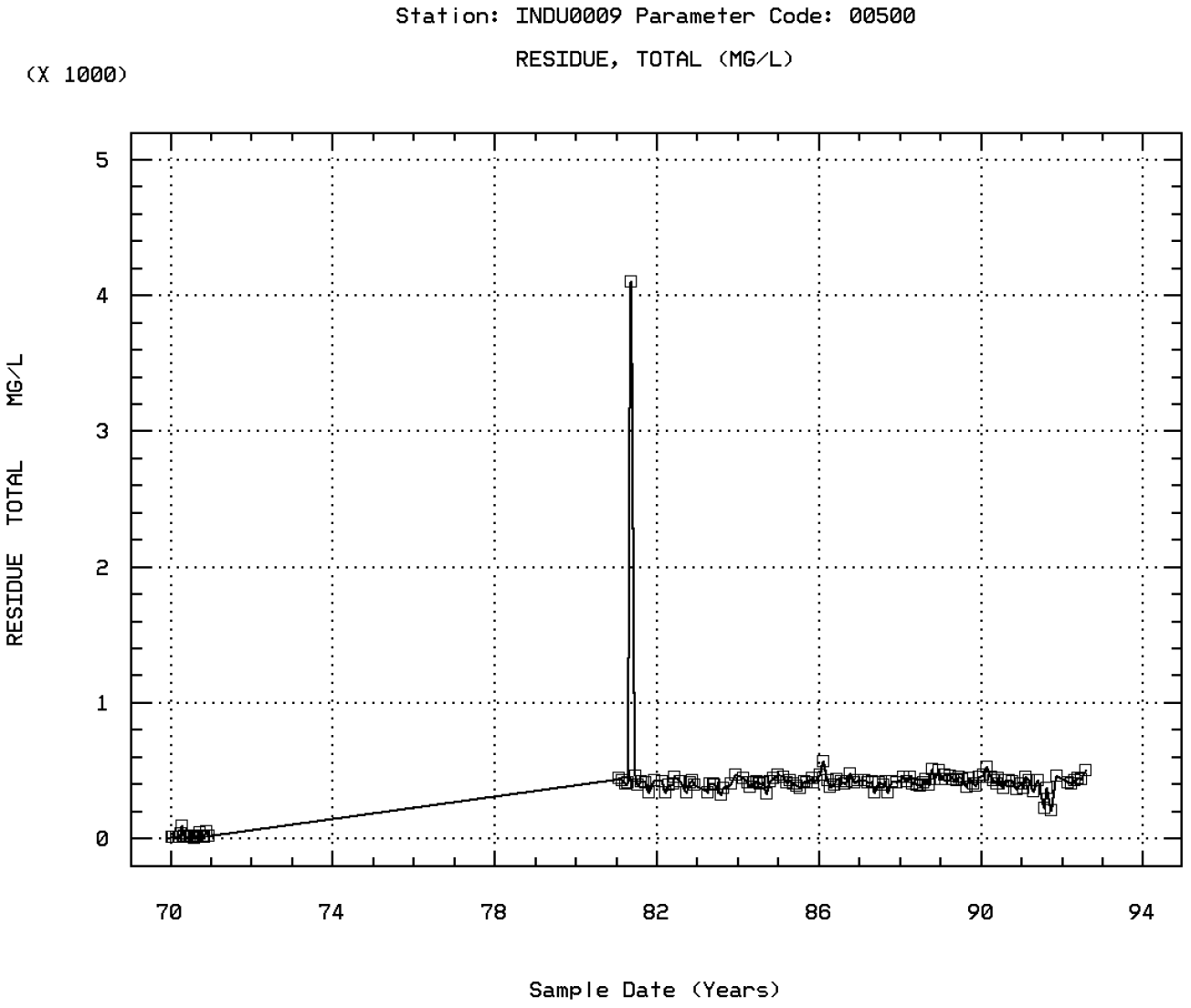
TRAIL CREEK AT MICHIGAN CITY MILE POINT

Station: INDU0009 Parameter Code: 00410

ALKALINITY, TOTAL (MG/L AS CACO3)



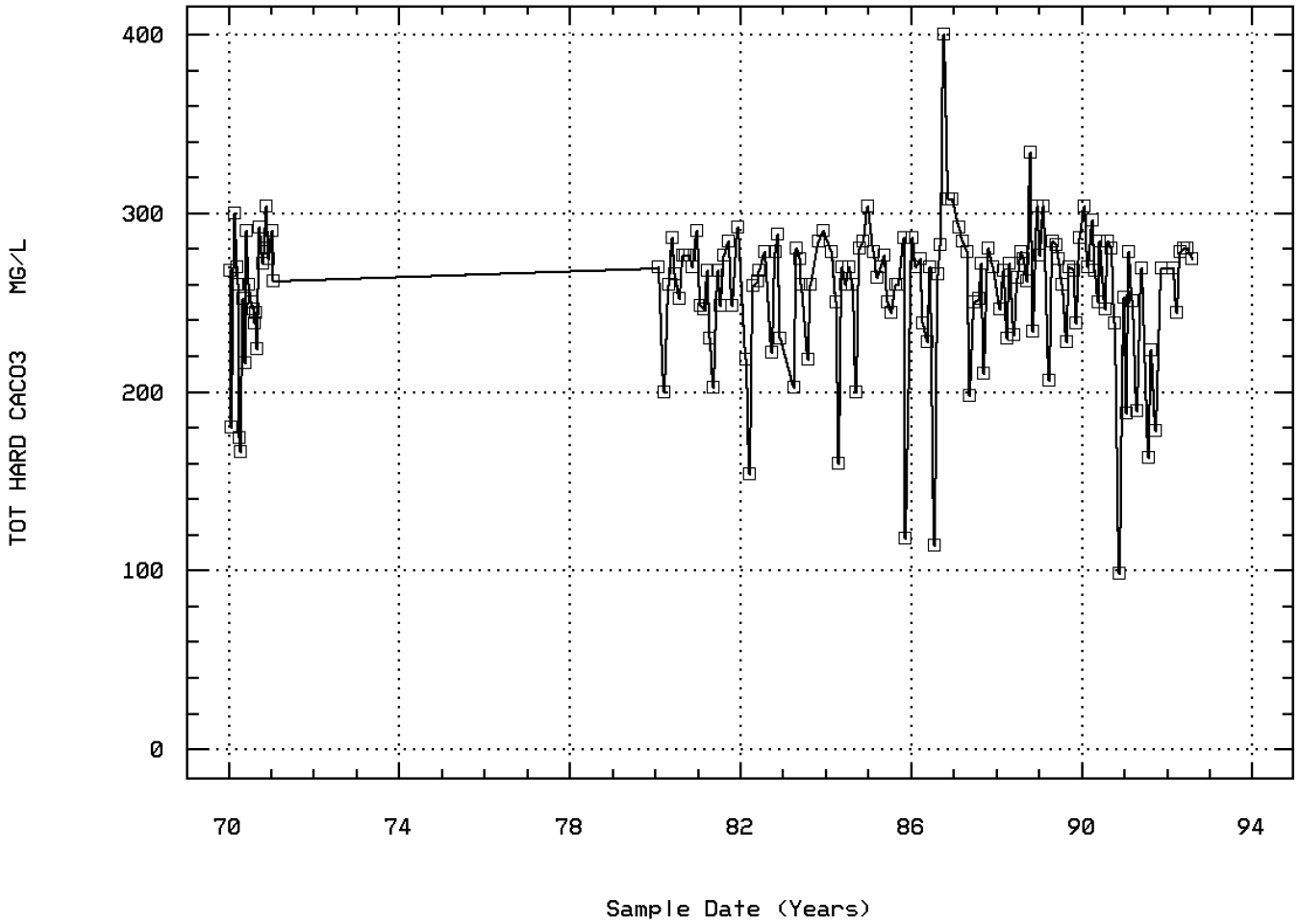
TRAIL CREEK AT MICHIGAN CITY MILE POINT



TRAIL CREEK AT MICHIGAN CITY MILE POINT

Station: INDU0009 Parameter Code: 00900

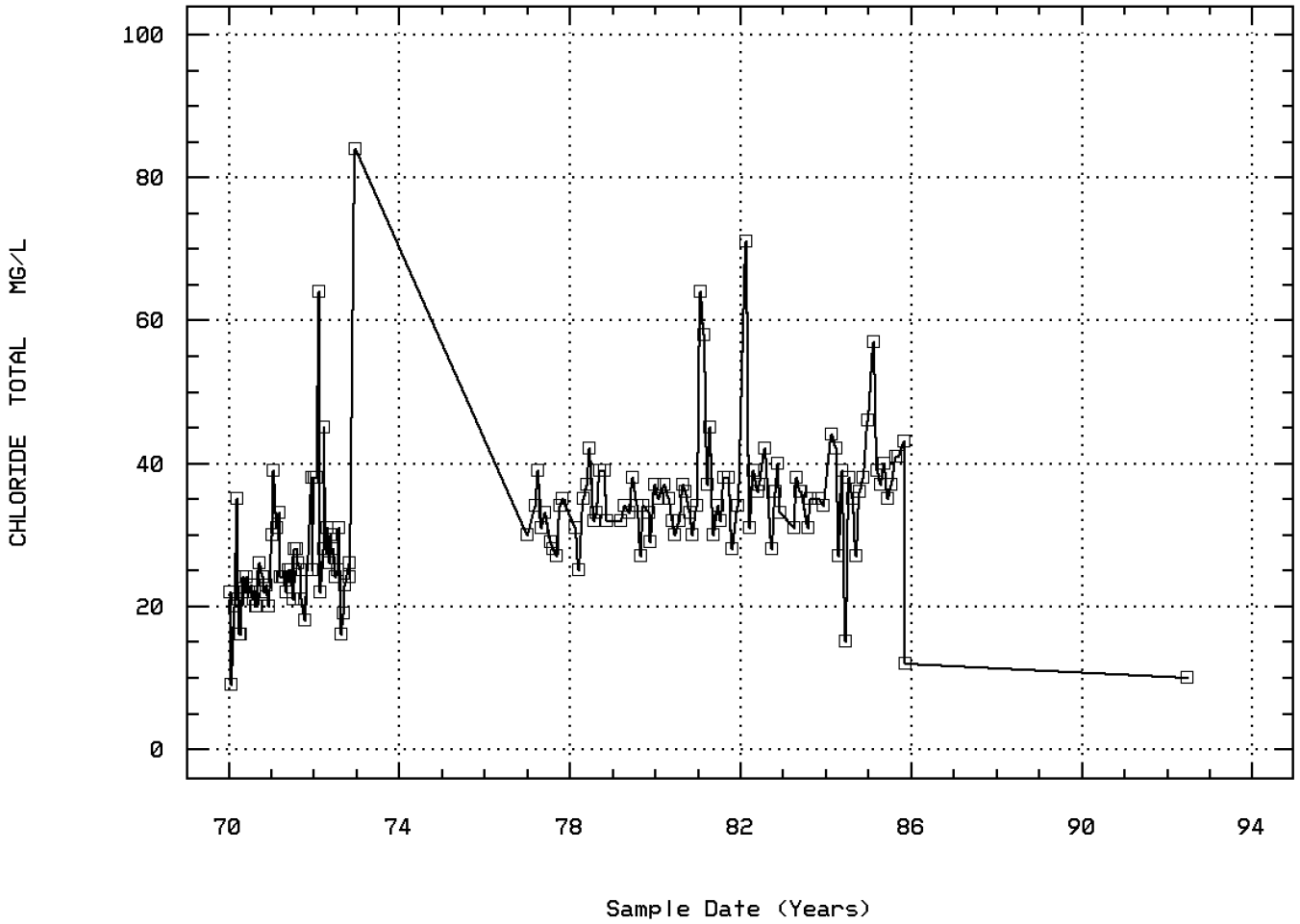
HARDNESS, TOTAL (MG/L AS CACO3)



TRAIL CREEK AT MICHIGAN CITY MILE POINT

Station: INDU0009 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



TRAIL CREEK AT MICHIGAN CITY MILE POINT

Annual Analysis for 1970 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	21	13.	12.714	25.	1.	71.614	8.463	1.2	5.	22.	23.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	22	10.	21.818	100.	5.	717.965	26.795	5.	5.	22.5	81.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	22	535.	522.273	720.	240.	13027.922	114.14	320.	492.5	575.	675.
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	22	9.	8.918	13.5	4.8	5.53	2.352	5.82	6.55	11.075	11.88
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	9	7.3	7.389	8.6	6.9	0.236	0.486	6.9	7.15	7.4	8.6
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	9	7.3	7.248	8.6	6.9	0.258	0.508	6.9	7.15	7.4	8.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	9	0.05	0.057	0.126	0.003	0.001	0.036	0.003	0.04	0.075	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	22	191.	176.636	210.	90.	1263.766	35.549	113.2	163.25	199.25	205.4
00500	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	22	12.	19.273	92.	2.	421.827	20.538	6.3	9.	18.75	50.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	22	260.	251.727	304.	166.	1530.779	39.125	175.8	234.5	278.5	297.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	22	22.	21.545	35.	9.	21.593	4.647	16.	20.	23.25	25.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/12/70-11/19/85	22	20000.	245574.545	4000000.	10.	7247311	73254.546	851311.443	13.	800.	51000.	517000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/12/70-11/19/85	22	4.3	3.799	6.602	1.	2.367	1.539	1.09	2.825	4.708	5.713
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6301.248								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	22	10.	1363.636	20000.	10.	18923348.052	4350.097	10.	10.	760.	4430.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	22	1.	1.783	4.301	1.	1.114	1.055	1.	1.	2.874	3.54
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			60.678								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	21	14.	12.286	24.	1.	70.114	8.373	1.	4.	21.	23.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	21	560.	567.619	690.	470.	3309.048	57.524	510.	520.	605.	670.
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	21	7.8	8.567	12.7	4.6	7.981	2.825	5.04	5.8	11.45	12.18
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	21	3.2	3.8	16.	1.	9.919	3.149	1.12	2.25	4.25	6.94
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	21	24.	23.571	42.	9.	53.457	7.311	12.6	20.	27.	34.6
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	12	8.	8.083	8.8	7.7	0.122	0.349	7.7	7.8	8.375	8.71
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	12	8.	7.979	8.8	7.7	0.133	0.365	7.7	7.8	8.375	8.71
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	12	0.01	0.01	0.02	0.002	0.	0.006	0.002	0.004	0.016	0.02
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	21	7.5	7.433	8.	6.6	0.118	0.344	6.86	7.2	7.65	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	21	7.5	7.282	8.	6.6	0.142	0.377	6.86	7.2	7.65	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	21	0.032	0.052	0.251	0.01	0.003	0.057	0.016	0.023	0.063	0.143
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	2	200.	200.	202.	198.	8.	2.828	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	20	20.5	24.05	88.	9.	317.945	17.831	10.1	12.25	29.25	41.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-11/19/85	18	6.	7.889	30.	1.	37.516	6.125	3.7	5.	9.25	12.9
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	20	4.1	4.55	11.	1.1	5.559	2.358	1.22	3.025	5.475	7.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	20	1.7	1.745	3.1	0.5	0.465	0.682	0.9	1.225	2.375	2.76
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	18	2.65	2.656	4.5	0.6	1.04	1.02	1.32	2.	3.2	4.5
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	21	0.05	0.071	0.5	0.05	0.01	0.098	0.05	0.05	0.05	0.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	2	276.	276.	290.	262.	392.	19.799	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	20	19.	18.95	24.	14.	7.208	2.685	16.	17.	20.	23.
00937	POTASSIUM, TOTAL MG/L AS K)	01/12/71-11/19/85	20	3.	3.35	5.	2.	0.661	0.813	2.	3.	4.	4.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	21	25.	26.476	39.	18.	27.862	5.278	21.	24.	29.	37.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	20	71.5	72.25	120.	46.	513.671	22.664	46.2	52.5	83.5	117.8
00951	FLUORIDE, TOTAL (MG/L AS F)	01/12/71-11/19/85	21	0.3	0.267	0.4	0.2	0.004	0.066	0.2	0.2	0.3	0.38
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	21	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/12/71-11/19/85	21	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	21	20.	25.714	100.	10.	465.714	21.58	10.	10.	40.	48.
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	21	20.	35.238	180.	10.	1256.19	35.443	20.	20.	40.	58.
01045	IRON, TOTAL (UG/L AS FE)	01/12/71-11/19/85	21	800.	980.952	2100.	500.	208619.048	456.748	500.	600.	1200.	1700.
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	20	25.	28.	50.	20.	90.526	9.515	20.	20.	37.5	40.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/12/71-11/19/85	21	110.	118.095	210.	70.	1166.19	34.15	72.	95.	140.	160.
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	21	20.	25.238	60.	20.	96.19	9.808	20.	20.	30.	38.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	21	90.	137.619	760.	50.	21949.048	148.152	62.	80.	140.	204.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/12/70-11/19/85	2	65.	65.	120.	10.	6050.	77.782	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/12/70-11/19/85	2	1.54	1.54	2.079	1.	0.582	0.763	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			34.641								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	21	20.	3742.381	45000.	10.	108448629.048	10413.867	10.	10.	2000.	16880.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	21	1.301	2.103	4.653	1.	1.642	1.282	1.	1.	3.273	4.17
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			126.83								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	21	1.	2.762	11.	1.	9.19	3.032	1.	1.	3.5	8.
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	4	1.3	1.275	1.6	0.9	0.109	0.33	**	**	**	**

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Annual Analysis for 1972 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	21	10.	10.952	21.	0.	65.948	8.121	0.	3.	20.	21.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	21	570.	552.857	740.	380.	6721.429	81.984	424.	510.	595.	644.
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	21	8.4	7.843	11.7	2.1	8.524	2.92	3.76	5.25	10.55	11.26
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	21	3.1	3.262	5.2	1.5	1.366	1.169	1.84	2.15	4.35	5.08
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	19	25.	24.842	43.	15.	54.474	7.381	15.	18.	29.	38.
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	6	7.55	7.567	8.1	7.1	0.111	0.333	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	6	7.547	7.469	8.1	7.1	0.122	0.35	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	6	0.028	0.034	0.079	0.008	0.001	0.025	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	21	7.2	7.262	7.9	6.8	0.144	0.38	6.8	6.9	7.6	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	21	7.2	7.123	7.9	6.8	0.165	0.406	6.8	6.9	7.6	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	21	0.063	0.075	0.158	0.013	0.003	0.055	0.016	0.025	0.129	0.158
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	21	27.	36.429	97.	12.	588.857	24.266	16.4	19.5	47.5	87.6
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	19	4.1	4.7	14.	1.	8.802	2.967	1.	2.6	6.1	7.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	19	1.	1.412	5.	0.03	1.703	1.305	0.4	0.5	1.8	4.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	21	0.7	0.786	1.5	0.3	0.116	0.341	0.42	0.5	1.05	1.38
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	19	0.05	0.068	0.3	0.05	0.004	0.061	0.05	0.05	0.05	0.15
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	19	20.	22.684	54.	12.	98.784	9.939	14.	18.	24.	42.
00937	POTASSIUM, TOTAL MG/L AS K)	01/12/71-11/19/85	19	3.	3.684	6.	3.	1.006	1.003	3.	3.	4.	6.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	21	28.	32.286	84.	16.	244.614	15.64	19.6	24.	34.5	60.2
00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	19	74.	72.947	120.	45.	306.608	17.51	49.	60.	81.	94.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/12/71-11/19/85	19	0.2	0.316	1.7	0.2	0.115	0.339	0.2	0.2	0.3	0.3
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	19	10.	13.158	70.	10.	189.474	13.765	10.	10.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/12/71-11/19/85	8	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	19	10.	19.474	60.	10.	238.596	15.447	10.	10.	30.	50.
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	19	20.	26.842	60.	20.	156.14	12.496	20.	20.	30.	50.
01045	IRON, TOTAL (UG/L AS FE)	01/12/71-11/19/85	18	1500.	1661.111	3800.	500.	690751.634	831.115	770.	1100.	2000.	3170.
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	19	20.	24.211	50.	20.	81.287	9.016	20.	20.	20.	40.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/12/71-11/19/85	19	120.	138.421	270.	80.	2558.48	50.581	100.	100.	160.	240.
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	19	0.03	0.043	0.09	0.02	0.001	0.026	0.02	0.02	0.06	0.09
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	19	130.	123.158	280.	20.	4978.363	70.558	20.	50.	170.	220.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	21	430.	2602.857	20000.	10.	24923001.429	4992.294	10.	80.	2900.	11400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	21	2.633	2.575	4.301	1.	1.151	1.073	1.	1.588	3.453	4.031
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			375.897								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	18	4.	4.056	9.	1.	3.585	1.893	1.9	3.	5.	7.2
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	17	0.9	1.047	2.8	0.1	0.498	0.705	0.1	0.6	1.45	2.16

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Annual Analysis for 1977 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	9	16.	15.222	23.	2.	41.444	6.438	2.	12.	20.	23.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	10	610.	586.	670.	460.	5471.111	73.967	462.	525.	645.	669.
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	10	6.3	6.55	10.9	2.5	8.018	2.832	2.63	3.8	9.75	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	10	2.85	2.99	5.	2.1	0.701	0.837	2.12	2.375	3.35	4.85
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	10	19.	20.7	35.	15.	37.344	6.111	15.	15.75	23.	34.1
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	10	7.3	7.23	7.6	6.7	0.073	0.271	6.72	7.05	7.425	7.59
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	10	7.3	7.146	7.6	6.7	0.081	0.285	6.72	7.05	7.425	7.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	10	0.05	0.071	0.2	0.025	0.003	0.053	0.026	0.038	0.091	0.192
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	10	7.45	7.47	7.8	7.3	0.022	0.149	7.3	7.375	7.525	7.78
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	10	7.447	7.449	7.8	7.3	0.023	0.151	7.3	7.375	7.525	7.78
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	10	0.036	0.036	0.05	0.016	0.	0.011	0.017	0.03	0.042	0.05
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	10	18.5	20.5	36.	11.	79.611	8.923	11.1	12.	29.	35.6
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	10	7.9	9.1	18.	5.2	17.771	4.216	5.25	5.85	11.25	17.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	10	1.25	1.38	2.5	0.5	0.415	0.644	0.53	0.95	2.1	2.46
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-07/23/91	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	10	0.7	0.66	1.	0.3	0.045	0.212	0.31	0.475	0.8	0.98
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	10	0.205	0.216	0.3	0.15	0.003	0.054	0.151	0.175	0.27	0.3
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	10	0.01	0.011	0.022	0.004	0.	0.006	0.004	0.007	0.017	0.022
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	10	32.	32.	39.	27.	13.556	3.682	27.1	28.75	34.25	38.6
00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	10	64.5	63.9	88.	24.	324.1	18.003	26.9	56.	76.75	87.7
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	10 ##	5.	11.	30.	5.	104.444	10.22	5.	5.	15.	30.
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	10 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	01/12/71-11/19/85	10	950.	960.	1300.	500.	64888.889	254.733	530.	800.	1225.	1300.
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	10	20.	22.	60.	10.	217.778	14.757	10.	10.	22.5	57.
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	10	50.	50.	70.	30.	177.778	13.333	31.	40.	62.5	70.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	9	80.	92.222	140.	70.	544.444	23.333	70.	80.	110.	140.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	9	590.	9480.	57000.	10.	342067625.	18495.07	10.	270.	10950.	57000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	9	2.771	3.085	4.756	1.	1.296	1.139	1.	2.431	4.007	4.756
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1216.585								
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	10 ##	0.075	0.075	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1

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Annual Analysis for 1978 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	10	15.	14.7	23.	3.	60.011	7.747	3.	8.25	23.	23.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	10	595.	572.	640.	390.	5351.111	73.151	403.	550.	620.	638.
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	10	6.85	6.54	11.4	2.1	9.743	3.121	2.17	4.	8.675	11.33
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	10	2.45	5.71	31.	1.6	81.383	9.021	1.61	1.7	4.7	28.55
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	10	26.	28.1	50.	16.	100.767	10.038	16.4	20.75	34.5	48.6
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	7	7.3	7.257	7.6	6.8	0.066	0.257	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	7	7.3	7.186	7.6	6.8	0.072	0.268	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	7	0.05	0.065	0.158	0.025	0.002	0.045	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	10	7.5	7.54	8.	7.	0.103	0.32	7.03	7.3	7.85	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	10	7.5	7.439	8.	7.	0.114	0.338	7.03	7.3	7.85	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	10	0.032	0.036	0.1	0.01	0.001	0.027	0.01	0.014	0.05	0.095
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	10	21.5	26.2	64.	13.	257.067	16.033	13.	14.5	31.25	62.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	10	1.4	1.87	4.1	0.5	1.9	1.378	0.5	0.5	3.05	4.07
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	10	1.25	1.4	2.8	0.6	0.436	0.66	0.62	0.875	1.725	2.73
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	10	0.9	1.01	2.4	0.4	0.348	0.59	0.41	0.65	1.15	2.32
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	10	0.195	0.189	0.24	0.13	0.001	0.039	0.131	0.148	0.22	0.238
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	10	0.004	0.011	0.054	0.001	0.	0.017	0.001	0.001	0.016	0.051
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	10	34.	34.5	42.	25.	24.5	4.95	25.6	31.75	39.	41.7
00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	10	60.5	60.	73.	44.	71.778	8.472	44.5	56.5	65.25	72.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	10 ##	5.	9.5	20.	5.	52.5	7.246	5.	5.	20.	20.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	10 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	10 ##	15.	21.	50.	10.	210.	14.491	10.	10.	32.5	49.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	10	140.	131.	180.	60.	1521.111	39.001	63.	90.	162.5	179.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/12/70-11/19/85	1	4800.	4800.	4800.	4800.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/12/70-11/19/85	1	3.681	3.681	3.681	3.681	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4800.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	10	320.	2285.9	7600.	5.	10517043.656	3242.999	5.5	28.	6550.	7510.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	10	2.347	2.44	3.881	0.699	1.439	1.199	0.729	1.399	3.816	3.875
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			275.67								

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Annual Analysis for 1979 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	10	14.	13.6	23.	3.	45.822	6.769	3.3	7.5	20.25	22.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	10	655.	626.	800.	400.	14093.333	118.715	408.	532.5	705.	792.
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	10	7.05	7.17	11.8	2.2	8.913	2.986	2.37	4.8	9.85	11.62
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	10	2.45	2.82	4.8	1.1	1.52	1.233	1.15	1.975	4.075	4.78
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	10	22.5	22.9	30.	14.	28.322	5.322	14.4	18.75	28.25	29.9
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	7	7.6	7.514	7.7	7.3	0.021	0.146	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	7	7.6	7.493	7.7	7.3	0.022	0.148	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	7	0.025	0.032	0.05	0.02	0.	0.011	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	10	7.7	7.67	8.	7.3	0.045	0.211	7.31	7.55	7.825	7.99
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	10	7.7	7.623	8.	7.3	0.047	0.217	7.31	7.55	7.825	7.99
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	10	0.02	0.024	0.05	0.01	0.	0.012	0.01	0.015	0.029	0.049
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	10	18.5	26.3	72.	9.	371.789	19.282	9.1	15.25	40.	68.8
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	10	1.95	1.99	3.6	1.	0.821	0.906	1.	1.	2.775	3.54
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	10	1.4	1.84	3.5	0.6	1.196	1.094	0.63	0.9	3.	3.45
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	10	0.75	0.82	1.4	0.5	0.117	0.343	0.5	0.5	1.025	1.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	10	0.17	0.184	0.26	0.12	0.002	0.046	0.121	0.153	0.225	0.258
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	10	0.005	0.006	0.011	0.003	0.	0.003	0.003	0.005	0.009	0.011
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	10	33.5	33.1	38.	27.	10.767	3.281	27.2	31.25	34.75	37.9
00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	10	64.	66.5	84.	49.	154.944	12.448	49.2	57.	79.	83.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	10	10.	11.	20.	10.	10.	3.162	10.	10.	10.	19.
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	10	20.	26.	70.	20.	248.889	15.776	20.	20.	22.5	66.
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	10	20.	22.	40.	20.	40.	6.325	20.	20.	20.	38.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	10	75.	80.	120.	50.	533.333	23.094	51.	60.	102.5	119.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	10	980.	11693.5	100000.	75.	970272222.5	31149.193	97.5	382.5	4000.	90940.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	10	2.98	3.131	5.	1.875	0.749	0.866	1.935	2.579	3.5	4.897
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1352.818								

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Annual Analysis for 1980 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	11	12.	13.273	23.	2.	69.818	8.356	2.2	5.	22.	22.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	4	120.	292.	840.	88.	133962.667	366.009	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	11	600.	605.182	710.	510.	4277.364	65.402	514.	535.	662.	704.
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	11	6.5	6.482	11.4	1.8	11.616	3.408	1.94	3.2	10.2	11.28
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	11	2.3	2.673	8.	1.4	3.258	1.805	1.46	1.9	2.6	6.92
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	11	19.	22.455	40.	14.	61.473	7.84	14.6	17.	30.	38.
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	9	7.3	7.3	7.5	7.2	0.013	0.112	7.2	7.2	7.4	7.5
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	9	7.3	7.288	7.5	7.2	0.013	0.113	7.2	7.2	7.4	7.5

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Annual Analysis for 1980 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	9	0.05	0.052	0.063	0.032	0.	0.012	0.032	0.04	0.063	0.063
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	11	7.3	7.291	7.7	6.8	0.073	0.27	6.84	7.	7.5	7.66
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	11	7.3	7.211	7.7	6.8	0.08	0.283	6.84	7.	7.5	7.66
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	11	0.05	0.061	0.158	0.02	0.002	0.042	0.022	0.032	0.1	0.147
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	11	202.	198.182	230.	120.	769.964	27.748	134.8	196.	210.	226.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	11	15.	27.091	154.	6.	1814.491	42.597	6.4	9.	23.	128.6
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	11	5.5	4.573	10.	1.	11.25	3.354	1.	1.	7.4	9.68
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	11	1.7	1.773	3.8	0.4	0.91	0.954	0.48	1.1	2.2	3.62
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-07/23/91	11	2.2	2.409	4.7	1.1	1.027	1.013	1.2	1.6	2.7	4.48
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	11	0.8	0.873	1.6	0.4	0.146	0.382	0.42	0.6	1.	1.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	11	0.14	0.167	0.42	0.04	0.011	0.107	0.048	0.09	0.22	0.392
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/18/85	11	6.6	8.173	14.4	5.1	11.388	3.375	5.12	6.1	10.1	14.4
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	11	0.005	0.008	0.027	0.005	0.	0.007	0.005	0.005	0.008	0.023
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	11	270.	265.636	290.	200.	589.455	24.279	210.4	260.	276.	289.2
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	11	34.	33.727	37.	30.	6.418	2.533	30.	32.	36.	37.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	11	74.	70.364	81.	58.	51.255	7.159	58.2	67.	75.	80.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	11	10.	12.727	40.	10.	81.818	9.045	10.	10.	10.	34.
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	11	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	11	10.	14.545	50.	10.	147.273	12.136	10.	10.	10.	44.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	3	60.	70.	100.	50.	700.	26.458	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	10	2750.	20540.	88000.	10.	921988066.667	30364.256	30.	277.5	38250.	84900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	10	3.433	3.379	4.944	1.	1.643	1.282	1.132	2.438	4.568	4.926
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2395.484								

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Annual Analysis for 1981 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	11	11.	12.545	24.	3.	54.473	7.381	3.2	5.	19.	23.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	11	320.	329.818	820.	18.	52744.364	229.661	36.4	140.	480.	768.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	11	600.	576.364	620.	470.	2705.455	52.014	476.	530.	620.	620.
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	11	7.2	7.127	9.3	4.2	3.154	1.776	4.28	5.5	8.6	9.28
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	11	2.2	2.345	5.1	1.4	1.067	1.033	1.42	1.8	2.3	4.72
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	11	26.	24.636	44.	11.	90.855	9.532	11.8	16.	30.	41.8
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	11	7.5	7.509	7.8	7.2	0.045	0.212	7.22	7.3	7.8	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	11	7.5	7.465	7.8	7.2	0.047	0.217	7.22	7.3	7.8	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	11	0.032	0.034	0.063	0.016	0.	0.016	0.016	0.016	0.05	0.061
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	11	7.4	7.482	7.9	7.1	0.096	0.309	7.1	7.2	7.8	7.88
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	11	7.4	7.388	7.9	7.1	0.105	0.324	7.1	7.2	7.8	7.88
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	11	0.04	0.041	0.079	0.013	0.001	0.026	0.013	0.016	0.063	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	11	176.	177.455	208.	136.	587.273	24.234	138.4	162.	204.	207.6
00500	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	11	420.	748.182	4100.	340.	1236776.364	1112.104	350.	400.	440.	3372.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	11	29.	30.727	60.	9.	191.018	13.821	10.4	22.	38.	56.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-11/19/85	11	5.	11.818	75.	1.	457.764	21.395	1.2	2.	12.	63.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	11	3.1	5.745	21.	1.	33.785	5.812	1.	1.6	8.4	18.48
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	11	0.7	0.845	2.4	0.2	0.403	0.635	0.22	0.5	0.9	2.24
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-07/23/91	11	1.3	1.382	3.	0.4	0.504	0.71	0.44	1.	1.4	2.84
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	11	0.8	0.909	1.4	0.4	0.135	0.367	0.42	0.6	1.3	1.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	11	0.13	0.163	0.49	0.08	0.014	0.116	0.08	0.09	0.19	0.432
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/18/85	11	9.1	9.864	18.3	5.8	12.907	3.593	5.98	7.2	11.6	17.26
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	11	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.009	0.01
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	11	248.	255.455	292.	202.	664.873	25.785	207.6	246.	276.	290.4
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/23/91	11	164.	172.364	204.	140.	356.655	18.885	142.8	164.	188.	202.
00920	MAGNESIUM (MG/L AS CACO3)	01/28/81-11/19/85	11	84.	83.091	98.	62.	113.091	10.634	64.	76.	94.	97.6
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	11	26.	24.909	34.	19.	22.491	4.742	19.	20.	28.	33.
00937	POTASSIUM, TOTAL MG/L AS K)	01/12/71-11/19/85	11	3.2	3.391	4.9	2.8	0.303	0.55	2.84	3.1	3.5	4.64

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Annual Analysis for 1981 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	11	37.	39.818	64.	28.	132.164	11.496	28.4	32.	45.	62.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	11	72.	69.818	79.	57.	59.764	7.731	57.6	62.	77.	78.6
00951	FLUORIDE, TOTAL (MG/L AS F)	01/12/71-11/19/85	11	0.2	0.227	0.3	0.2	0.002	0.047	0.2	0.2	0.3	0.3
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/28/92	11	1.	1.182	2.	1.	0.164	0.405	1.	1.	1.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	11	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/12/71-11/19/85	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	11	6.	8.	25.	4.	35.	5.916	4.	5.	9.	21.8
01045	IRON, TOTAL (UG/L AS FE)	01/12/71-11/19/85	11	1200.	1296.364	2200.	670.	180285.455	424.6	734.	1000.	1600.	2100.
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/12/71-11/19/85	11	140.	136.364	170.	100.	525.455	22.923	102.	120.	150.	170.
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	11	10.	10.909	20.	10.	9.091	3.015	10.	10.	10.	18.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	11	60.	66.364	100.	40.	325.455	18.04	40.	60.	80.	96.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/12/70-11/19/85	10	44000.	45820.	93000.	5200.	1114368444.444	33382.158	5780.	14750.	75500.	91700.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/12/70-11/19/85	10	4.587	4.504	4.968	3.716	0.189	0.434	3.749	4.163	4.878	4.962
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			31946.841								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	11	2400.	6909.818	44000.	18.	162020416.364	12728.724	18.4	570.	5700.	37400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	11	3.38	3.159	4.643	1.255	1.118	1.057	1.264	2.756	3.756	4.523
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1443.165								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	11	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	11	380.	697.273	3900.	340.	1128881.818	1062.489	342.	350.	400.	3204.
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	11	0.1	0.118	0.3	0.1	0.004	0.06	0.1	0.1	0.1	0.26

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	10	11.5	11.8	23.	3.	51.956	7.208	3.1	4.75	18.5	22.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	9	38.	74.222	200.	10.	5116.444	71.529	10.	25.	150.	200.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	10	570.	557.	690.	390.	8178.889	90.437	396.	487.5	630.	684.
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	10	7.9	7.02	9.4	2.9	4.413	2.101	3.1	4.9	8.575	9.34
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	10	2.15	2.35	3.5	1.7	0.343	0.585	1.71	1.875	2.8	3.46
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	10	22.5	22.8	36.	13.	44.178	6.647	13.3	17.5	27.25	35.2
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	10	7.6	7.57	7.7	7.3	0.018	0.134	7.31	7.475	7.7	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	10	7.6	7.55	7.7	7.3	0.018	0.135	7.31	7.475	7.7	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	10	0.025	0.028	0.05	0.02	0.	0.01	0.02	0.02	0.034	0.049
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	10	7.6	7.62	7.8	7.5	0.015	0.123	7.5	7.5	7.725	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	10	7.6	7.605	7.8	7.5	0.015	0.124	7.5	7.5	7.725	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	10	0.025	0.025	0.032	0.016	0.	0.007	0.016	0.019	0.032	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	10	180.	173.4	214.	102.	1286.267	35.865	106.	143.5	204.5	213.2
00500	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	10	405.	399.	450.	340.	1298.889	36.04	340.	377.5	422.5	448.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	10	25.5	29.3	81.	10.	435.789	20.876	10.3	14.5	34.5	77.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-11/19/85	10	7.5	6.9	13.	2.	10.322	3.213	2.2	4.	9.	12.6
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	9	3.	3.489	8.3	1.	4.879	2.209	1.	1.8	4.55	8.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	10	0.8	0.83	1.4	0.2	0.213	0.462	0.2	0.35	1.25	1.4
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-07/23/91	10	1.45	1.4	1.8	0.8	0.113	0.337	0.81	1.2	1.7	1.79
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	10	0.8	0.81	1.2	0.6	0.032	0.179	0.6	0.675	0.9	1.17
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	10	0.145	0.146	0.21	0.1	0.001	0.036	0.1	0.115	0.168	0.208
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/18/85	10	6.45	7.21	13.8	4.8	6.997	2.645	4.83	5.55	7.825	13.36
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	10	0.007	0.008	0.013	0.005	0.	0.003	0.005	0.006	0.01	0.013
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	10	260.5	245.7	288.	154.	1644.456	40.552	160.4	221.	278.	287.
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/23/91	10	176.	168.9	196.	110.	719.656	26.826	113.3	151.25	191.	195.8
00920	MAGNESIUM (MG/L AS CACO3)	01/28/81-11/19/85	10	78.	76.8	98.	44.	313.733	17.713	44.6	68.	91.25	97.4
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	10	22.5	22.4	37.	13.	45.822	6.769	13.2	17.25	25.5	36.
00937	POTASSIUM, TOTAL MG/L AS K)	01/12/71-11/19/85	10	3.05	3.04	3.9	2.4	0.189	0.435	2.42	2.75	3.275	3.86
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	10	36.5	39.3	71.	28.	141.789	11.908	28.3	32.5	40.5	68.1

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Annual Analysis for 1982 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	10	65.	63.3	77.	45.	93.789	9.684	45.5	58.25	69.5	76.4
00951	FLUORIDE, TOTAL (MG/L AS F)	01/12/71-11/19/85	10	0.2	0.24	0.4	0.2	0.005	0.07	0.2	0.2	0.3	0.39
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-07/28/92	5	11.	11.2	12.	11.	0.2	0.447	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/28/92	10	1.	1.4	2.	1.	0.267	0.516	1.	1.	2.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	10	2.	2.3	4.	2.	0.456	0.675	2.	2.	2.25	3.9
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/12/71-11/19/85	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	9	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	10	7.	7.5	14.	4.	9.167	3.028	4.	5.5	9.25	13.6
01045	IRON, TOTAL (UG/L AS FE)	01/12/71-11/19/85	10	1650.	1727.	3600.	730.	667023.333	816.715	741.	1260.	2025.	3480.
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/12/71-11/19/85	10	145.	162.	330.	90.	4640.	68.118	91.	122.5	185.	317.
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	10	60.	65.	110.	40.	427.778	20.683	41.	50.	80.	107.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/12/70-11/19/85	8	28500.	40677.5	92000.	720.	1569305192.857	39614.457	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/12/70-11/19/85	8	4.352	4.202	4.964	2.857	0.657	0.811	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15920.869								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	9	1000.	2138.889	7900.	10.	6904286.111	2627.601	10.	170.	3650.	7900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	9	3.	2.798	3.898	1.	0.863	0.929	1.	2.23	3.562	3.898
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			628.058								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	10	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	10	365.	352.	410.	250.	2262.222	47.563	255.	322.5	382.5	408.
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	10	0.1	0.15	0.5	0.1	0.016	0.127	0.1	0.1	0.125	0.47

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Annual Analysis for 1983 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	9	16.	14.222	26.	5.	57.944	7.612	5.	6.5	20.5	26.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	9	24.	29.222	72.	15.	362.444	19.038	15.	16.	38.	72.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	8	555.	535.	610.	420.	6028.571	77.644	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	9	9.1	8.067	11.	3.	8.29	2.879	3.	5.3	10.05	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	8	1.75	2.1	3.4	1.	0.717	0.847	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	9	22.	22.778	42.	10.	86.194	9.284	10.	16.5	27.5	42.
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	8	7.7	7.675	7.9	7.4	0.031	0.175	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	8	7.689	7.643	7.9	7.4	0.032	0.178	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	8	0.02	0.023	0.04	0.013	0.	0.009	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	8	7.45	7.463	7.7	7.3	0.014	0.119	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	8	7.447	7.449	7.7	7.3	0.014	0.12	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	8	0.036	0.036	0.05	0.02	0.	0.009	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	8	186.5	178.	212.	125.	718.	26.796	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	8	395.	386.25	470.	320.	2055.357	45.336	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	8	16.5	18.375	33.	10.	60.554	7.782	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-11/19/85	7	3.	4.	10.	1.	9.667	3.109	**	**	**	**
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	9	3.5	3.822	5.4	2.4	1.284	1.133	2.4	2.65	4.85	5.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	9	0.9	1.067	2.7	0.2	0.528	0.726	0.2	0.6	1.4	2.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-07/23/91	9	1.4	1.744	3.9	0.9	0.878	0.937	0.9	1.15	2.25	3.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	9	0.9	1.278	3.7	0.6	0.904	0.951	0.6	0.75	1.35	3.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	9	0.14	0.148	0.22	0.1	0.001	0.034	0.1	0.13	0.165	0.22
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/18/85	9	5.3	6.122	9.3	3.9	3.614	1.901	3.9	4.9	8.05	9.3
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	9	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	8	267.	258.5	290.	202.	1026.	32.031	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/23/91	8	173.5	172.25	216.	139.	649.929	25.494	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	01/28/81-11/19/85	8	90.	88.75	114.	63.	344.786	18.568	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	8	22.	21.	24.	16.	7.714	2.777	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	01/12/71-11/19/85	8	2.9	3.05	3.9	2.5	0.237	0.487	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	8	35.	34.5	38.	31.	6.	2.449	**	**	**	**

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Annual Analysis for 1983 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	8	64.	67.5	98.	48.	237.714	15.418	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	01/12/71-11/19/85	8	0.25	0.25	0.3	0.2	0.003	0.053	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-07/28/92	8	9.7	9.238	12.	5.5	3.497	1.87	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/28/92	8	1.	1.125	2.	1.	0.125	0.354	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	8	2.	2.125	3.	2.	0.125	0.354	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/12/71-11/19/85	8	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	8	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	8	5.	5.5	9.	4.	3.143	1.773	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/12/71-11/19/85	8	1300.	1337.5	2100.	1000.	151250.	388.909	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	8	10.	10.	10.	10.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/12/71-11/19/85	8	130.	138.75	220.	100.	1326.786	36.425	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	8	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	8	75.	72.5	120.	40.	592.857	24.349	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/12/70-11/19/85	9	23000.	355744.444	3000000.	8700.983682962777.778		991807.926	8700.	11500.	51500.	3000000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/12/70-11/19/85	9	4.362	4.542	6.477	3.94	0.603	0.777	3.94	4.06	4.651	6.477
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			34866.254								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	9	520.	792.222	2100.	10.	545544.444	738.61	10.	170.	1450.	2100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	9	2.716	2.587	3.322	1.	0.523	0.723	1.	2.211	3.155	3.322
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			386.071								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	9	5.	5.111	6.	5.	0.111	0.333	5.	5.	5.	6.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	8	355.	352.875	400.	300.	1160.411	34.065	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	11	15.	13.818	23.	2.	55.564	7.454	2.8	8.	20.	23.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	10	17.5	27.5	100.	12.	722.5	26.879	12.1	13.75	29.	94.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	11	630.	602.727	700.	440.	7661.818	87.532	440.	590.	640.	700.
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	11	7.8	6.709	11.4	3.2	9.035	3.006	3.26	3.8	9.6	11.06
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	11	2.6	2.827	6.	1.2	2.04	1.428	1.26	1.8	3.6	5.72
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	11	22.	22.727	47.	8.	112.818	10.622	9.2	14.	26.	44.4
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	9	7.6	7.622	7.8	7.4	0.017	0.13	7.4	7.55	7.75	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	9	7.6	7.605	7.8	7.4	0.017	0.131	7.4	7.55	7.75	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	9	0.025	0.025	0.04	0.016	0.	0.008	0.016	0.018	0.028	0.04
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	11	7.4	7.3	7.4	7.1	0.016	0.126	7.1	7.2	7.4	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	11	7.4	7.282	7.4	7.1	0.016	0.128	7.1	7.2	7.4	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	11	0.04	0.052	0.079	0.04	0.	0.016	0.04	0.04	0.063	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	11	194.	181.727	210.	110.	1075.618	32.797	116.	160.	210.	210.
00500	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	11	410.	411.818	470.	330.	1296.364	36.005	340.	400.	440.	464.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	11	26.	27.818	80.	12.	407.164	20.178	12.4	14.	27.	73.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-11/19/85	11	7.	14.636	93.	1.	687.455	26.219	1.4	4.	11.	76.8
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	11	2.8	2.991	4.8	1.8	0.665	0.815	1.92	2.5	3.6	4.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	11	1.4	1.282	2.	0.4	0.31	0.556	0.44	0.7	1.8	1.98
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-07/23/91	11	1.9	1.836	2.4	1.3	0.175	0.418	1.32	1.4	2.2	2.36
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	11	1.	1.	1.6	0.5	0.142	0.377	0.5	0.6	1.3	1.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	11	0.19	0.201	0.42	0.1	0.009	0.093	0.1	0.11	0.24	0.392
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/18/85	11	6.5	6.609	11.3	3.3	7.187	2.681	3.38	4.	9.	10.96
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	11	0.008	0.012	0.036	0.005	0.	0.01	0.005	0.006	0.011	0.034
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	11	270.	256.	304.	160.	1696.	41.183	168.	250.	280.	300.
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/23/91	11	180.	176.636	208.	120.	828.455	28.783	122.	160.	200.	206.4
00920	MAGNESIUM (MG/L AS CACO3)	01/28/81-11/19/85	11	83.	79.364	96.	40.	237.655	15.416	46.	70.	90.	94.8
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	11	24.	23.545	28.	15.	15.073	3.882	15.6	23.	25.	28.
00937	POTASSIUM, TOTAL MG/L AS K)	01/12/71-11/19/85	11	3.4	3.664	5.	2.8	0.555	0.745	2.82	3.2	4.5	4.92
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	11	38.	35.182	46.	15.	81.364	9.02	17.4	27.	42.	45.6

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Annual Analysis for 1984 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	11	70.	65.818	92.	26.	347.964	18.654	29.8	55.	80.	90.4
00951	FLUORIDE, TOTAL (MG/L AS F)	01/12/71-11/19/85	11	0.3	0.273	0.3	0.2	0.002	0.047	0.2	0.2	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-07/28/92	10	1.	1.03	1.6	0.15	0.185	0.43	0.2	0.838	1.425	1.59
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/28/92	11	1.	1.327	2.	0.8	0.29	0.539	0.8	1.	2.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	11	2.	1.909	5.	1.	1.291	1.136	1.	1.	2.	4.4
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/12/71-11/19/85	11 ##	5.	7.273	10.	5.	6.818	2.611	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	11	10.	15.455	50.	5.	217.273	14.74	5.	5.	30.	46.
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	11	7.	9.909	32.	6.	59.291	7.7	6.	6.	9.	28.4
01045	IRON, TOTAL (UG/L AS FE)	01/12/71-11/19/85	11	1200.	1714.545	5100.	680.	1568647.273	1252.456	740.	1100.	2200.	4600.
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	11	10.	10.455	30.	5.	62.273	7.891	5.	5.	10.	28.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/12/71-11/19/85	11	160.	165.455	250.	120.	1387.273	37.246	122.	140.	190.	240.
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	11	10.	10.909	20.	5.	24.091	4.908	5.	10.	10.	20.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	11	120.	135.455	300.	70.	3567.273	59.727	74.	100.	140.	270.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/12/70-11/19/85	9	28000.	116000.	430000.	2700.	24294272500.	155866.201	2700.	7150.	225000.	430000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/12/70-11/19/85	9	4.447	4.567	5.633	3.431	0.618	0.786	3.431	3.846	5.31	5.633
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			36894.778								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	11	6500.	8556.364	35000.	70.	103179245.455	10157.719	126.	1100.	11000.	31200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	11	3.813	3.529	4.544	1.845	0.629	0.793	1.985	3.041	4.041	4.476
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3383.221								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	11 ##	2.5	4.455	10.	2.5	7.523	2.743	2.5	2.5	5.	9.8
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	11	360.	358.182	420.	260.	2176.364	46.652	266.	350.	390.	414.
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	11	0.1	0.077	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1

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Annual Analysis for 1985 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	10	15.5	15.	25.	2.	46.222	6.799	2.5	10.75	19.5	24.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	10	12.5	25.3	148.	8.	1865.344	43.19	8.1	9.	15.	134.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	10	590.	561.	690.	270.	13898.889	117.894	289.	535.	630.	684.
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	10	5.45	5.54	10.8	1.	9.127	3.021	1.2	3.3	7.325	10.67
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	10	2.6	2.67	4.3	1.2	0.822	0.907	1.25	1.925	3.275	4.22
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	10	17.	19.3	48.	9.	116.233	10.781	9.4	13.	20.5	45.4
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	9	7.5	7.556	8.1	7.2	0.083	0.288	7.2	7.35	7.75	8.1
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	9	7.5	7.484	8.1	7.2	0.089	0.298	7.2	7.35	7.75	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	9	0.032	0.033	0.063	0.008	0.	0.018	0.008	0.019	0.045	0.063
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	10	7.3	7.21	7.5	6.3	0.11	0.331	6.39	7.2	7.325	7.49
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	10	7.3	7.023	7.5	6.3	0.149	0.386	6.39	7.2	7.325	7.49
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	10	0.05	0.095	0.501	0.032	0.02	0.143	0.032	0.048	0.063	0.457
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	10	183.	175.4	206.	76.	1329.822	36.467	85.8	175.5	192.5	205.4
00500	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	10	411.	413.	450.	373.	600.	24.495	374.1	396.	433.75	449.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	10	14.	33.1	205.	7.	3682.767	60.686	7.1	8.75	21.	187.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-11/19/85	10	4.	7.2	36.	1.	107.067	10.347	1.1	2.75	6.	33.3
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	10	3.2	3.18	5.4	1.3	2.491	1.578	1.31	1.55	4.5	5.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	10	1.35	1.46	2.3	0.2	0.405	0.636	0.29	1.1	2.05	2.29
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-07/23/91	10	2.25	2.34	3.4	1.5	0.294	0.542	1.54	1.975	2.8	3.34
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	10	0.75	1.02	3.2	0.5	0.64	0.8	0.51	0.6	1.075	3.01
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	10	0.215	0.229	0.39	0.15	0.005	0.07	0.152	0.178	0.263	0.378
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/18/85	5	5.6	5.62	6.4	4.9	0.287	0.536	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	10 ##	0.003	0.004	0.009	0.003	0.	0.002	0.003	0.003	0.006	0.009
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	10	262.	250.6	286.	118.	2334.267	48.314	130.6	248.5	276.5	285.2
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/23/91	10	171.	168.1	196.	82.	1048.989	32.388	90.2	165.5	189.5	195.8
00920	MAGNESIUM (MG/L AS CACO3)	01/28/81-11/19/85	9	74.	66.889	106.	20.	1018.361	31.912	20.	30.5	90.5	106.
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	10	26.	24.65	35.	4.5	60.892	7.803	6.35	23.75	28.	34.3
00937	POTASSIUM, TOTAL MG/L AS K)	01/12/71-11/19/85	10	3.4	3.61	6.	3.	0.754	0.869	3.01	3.175	3.625	5.77
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	10	39.5	38.2	57.	12.	121.733	11.033	14.3	36.5	41.5	55.6

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Annual Analysis for 1985 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	10	64.5	63.4	78.	35.	158.933	12.607	36.8	56.75	72.75	77.7
00951	FLUORIDE, TOTAL (MG/L AS F)	01/12/71-11/19/85	10	0.25	0.24	0.3	0.1	0.005	0.07	0.11	0.2	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-07/28/92	6	0.95	2.617	11.	0.9	16.87	4.107	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/28/92	9	1.	0.844	1.	0.1	0.09	0.3	0.1	0.75	1.	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	10 ##	1.	1.1	2.	1.	0.1	0.316	1.	1.	1.	1.9
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/12/71-11/19/85	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	10 ##	5.	13.5	50.	5.	239.167	15.465	5.	5.	22.5	48.
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	10	6.5	7.1	19.	2.	20.989	4.581	2.2	4.75	8.	17.9
01045	IRON, TOTAL (UG/L AS FE)	01/12/71-11/19/85	10	960.	2079.	12000.	770.	12176521.111	3489.487	771.	870.	1150.	10930.
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	10 ##	5.	6.	10.	5.	4.444	2.108	5.	5.	6.25	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/12/71-11/19/85	10	155.	200.	440.	130.	9266.667	96.264	130.	145.	235.	424.
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	10	10.	15.	70.	5.	377.778	19.437	5.	8.75	10.	64.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	10	90.	100.	180.	60.	1244.444	35.277	61.	77.5	122.5	175.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/12/70-11/19/85	10	151000.	277200.	1300000.	12000.	149660400000.	386859.664	13100.	47000.	337500.	1212000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/12/70-11/19/85	10	5.086	5.082	6.114	4.079	0.397	0.63	4.107	4.646	5.524	6.065
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			120864.241								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	10	6800.	14900.	53000.	1200.	387760000.	19691.623	1270.	2350.	23000.	52700.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	10	3.832	3.849	4.724	3.079	0.314	0.56	3.099	3.368	4.284	4.722
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7057.34								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	10	385.	371.9	420.	200.	3980.544	63.092	216.	372.	405.25	419.5
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	10 ##	0.05	0.07	0.2	0.05	0.002	0.048	0.05	0.05	0.063	0.19

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Annual Analysis for 1986 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	12	10.5	11.167	21.	3.	42.697	6.534	3.3	4.25	17.75	20.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	12	13.5	26.833	174.	6.	2185.97	46.754	6.3	8.25	19.	129.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	12	537.	569.833	1137.	237.	52993.424	230.203	279.9	422.	698.75	1024.2
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	12	7.	6.742	10.8	1.6	10.757	3.28	1.9	3.45	9.95	10.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	6	3.4	4.15	9.	2.2	6.431	2.536	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	12	18.	19.125	36.	2.5	88.369	9.4	4.75	14.5	23.	35.7
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	12	7.25	7.283	7.7	6.8	0.082	0.286	6.86	7.1	7.6	7.67
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	12	7.247	7.201	7.7	6.8	0.089	0.298	6.86	7.1	7.6	7.67
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	12	0.057	0.063	0.158	0.02	0.002	0.04	0.022	0.025	0.079	0.141
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	11	7.6	7.609	7.7	7.5	0.009	0.094	7.5	7.5	7.7	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	11	7.6	7.6	7.7	7.5	0.009	0.095	7.5	7.5	7.7	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	11	0.025	0.025	0.032	0.02	0.	0.006	0.02	0.02	0.032	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	12	194.	182.5	212.	94.	1058.273	32.531	111.4	175.	202.	210.2
00500	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	12	419.5	433.5	569.	380.	2569.909	50.694	383.6	402.	456.	541.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	12	11.	31.667	248.	5.	4669.879	68.337	5.6	8.	18.	180.5
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	4	1.9	2.75	5.4	1.8	3.13	1.769	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	12	0.85	0.875	1.4	0.3	0.117	0.341	0.36	0.55	1.175	1.37
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	12	0.9	0.908	1.5	0.4	0.123	0.35	0.4	0.625	1.175	1.44
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	12	0.205	0.209	0.37	0.09	0.007	0.086	0.093	0.14	0.253	0.361
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	12	0.006	0.017	0.15	0.003	0.002	0.042	0.003	0.003	0.009	0.108
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	12	272.	270.333	400.	114.	4303.879	65.604	148.2	245.	302.5	372.4
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-07/28/92	9	4.	4.333	6.	4.	0.5	0.707	4.	4.	4.5	6.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	8	50.	52.5	60.	50.	21.429	4.629	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	8	0.2	0.25	0.6	0.1	0.026	0.16	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	12	14650.	38308.333	180000.	1100.	2683000833.333	51797.691	1580.	5150.	63000.	147900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	12	4.135	4.189	5.255	3.041	0.444	0.666	3.158	3.711	4.799	5.138

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			15464.979								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	12 ##	2.5	3.333	5.	2.5	1.515	1.231	2.5	2.5	5.	5.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	11	397.	389.364	546.	176.	7986.455	89.367	209.4	355.	441.	525.2
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	12 ##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	10	14.	13.1	22.	2.	48.544	6.967	2.3	5.75	19.5	21.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	10	12.	15.8	33.	7.	95.956	9.796	7.	8.5	24.5	32.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	10	367.5	379.8	453.	304.	3093.956	55.623	306.1	332.5	447.25	452.8
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	10	5.3	6.34	12.8	1.2	15.416	3.926	1.38	3.15	9.575	12.77
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	5	3.4	3.8	5.1	3.	0.835	0.914	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	10	21.5	21.5	30.	14.	31.611	5.622	14.	15.5	25.75	29.8
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	9	7.4	7.256	7.9	6.5	0.18	0.425	6.5	6.9	7.5	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	9	7.4	7.061	7.9	6.5	0.223	0.472	6.5	6.9	7.5	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	9	0.04	0.087	0.316	0.013	0.009	0.097	0.013	0.032	0.129	0.316
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	10	7.6	7.61	7.8	7.3	0.023	0.152	7.32	7.5	7.725	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	10	7.6	7.584	7.8	7.3	0.024	0.155	7.32	7.5	7.725	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	10	0.025	0.026	0.05	0.016	0.	0.01	0.016	0.019	0.032	0.048
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	10	204.	192.	216.	138.	702.222	26.499	139.8	174.	210.	216.
00500	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	10	412.	398.	426.	333.	1153.556	33.964	333.5	382.25	421.	425.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	10	14.	17.5	31.	7.	68.278	8.263	7.4	12.5	26.25	30.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	10	1.25	1.11	1.6	0.3	0.188	0.433	0.33	0.675	1.425	1.59
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	10	1.15	1.08	1.7	0.2	0.188	0.434	0.25	0.775	1.425	1.68
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	10	0.305	0.307	0.66	0.14	0.022	0.15	0.141	0.18	0.355	0.631
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	10	0.012	0.027	0.15	0.003	0.002	0.046	0.003	0.003	0.026	0.14
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	10	271.	258.6	292.	198.	1006.267	31.722	199.2	240.	281.	291.2
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	10	25.5	25.7	31.	21.	14.456	3.802	21.	22.5	28.75	31.
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-07/28/92	9	9.	8.222	11.	3.	7.944	2.819	3.	6.	10.	11.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	10	50.	52.	60.	40.	40.	6.325	41.	50.	60.	60.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	10 ##	5.	17.5	130.	5.	1562.5	39.528	5.	5.	5.	117.5
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	10 ##	5.	9.5	50.	5.	202.5	14.23	5.	5.	5.	45.5
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	10 ##	0.2	0.68	5.	0.2	2.304	1.518	0.2	0.2	0.2	4.52
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	10	26500.	60580.	180000.	3700.	5001697333.333	70722.679	3980.	8150.	145000.	178000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	10	4.317	4.42	5.255	3.568	0.402	0.634	3.593	3.908	5.161	5.25
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			26294.875								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	10 ##	2.5	2.95	7.	2.5	2.025	1.423	2.5	2.5	2.5	6.55
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	9	373.	364.667	399.	298.	1469.75	38.337	298.	335.	391.5	399.
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	10 ##	0.05	0.065	0.2	0.05	0.002	0.047	0.05	0.05	0.05	0.185

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	12	12.5	12.917	26.	1.	60.447	7.775	1.9	6.25	18.5	25.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	7	18.	23.714	74.	8.	523.238	22.874	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	12	489.5	536.333	890.	377.	23556.424	153.481	385.1	439.75	602.	853.7
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	12	7.75	8.033	11.6	6.	3.075	1.754	6.03	6.325	9.575	11.12
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	6	2.35	2.267	2.6	1.5	0.155	0.393	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	12	21.5	25.833	46.	16.	124.333	11.15	16.	16.	36.25	45.1
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	12	7.5	7.533	8.1	7.2	0.084	0.29	7.2	7.3	7.775	8.01

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Annual Analysis for 1988 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	12	7.489	7.455	8.1	7.2	0.091	0.302	7.2	7.3	7.775	8.01
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	12	0.032	0.035	0.063	0.008	0.	0.02	0.01	0.017	0.05	0.063
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	12	7.7	7.683	7.9	7.5	0.012	0.111	7.53	7.6	7.775	7.87
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	12	7.7	7.671	7.9	7.5	0.013	0.112	7.53	7.6	7.775	7.87
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	12	0.02	0.021	0.032	0.013	0.	0.005	0.014	0.017	0.025	0.03
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	12	175.	173.333	202.	142.	434.606	20.847	142.9	154.	190.25	200.8
00500	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	12	423.5	430.583	504.	383.	1539.356	39.235	385.7	396.	451.75	501.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	12	25.	29.5	78.	9.	434.818	20.852	9.9	13.75	35.	73.2
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	6	5.5	9.333	32.	2.	128.667	11.343	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	12	0.35	0.338	0.6	0.05	0.027	0.164	0.065	0.225	0.475	0.57
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	12	2.45	2.417	4.	1.2	0.925	0.962	1.2	1.4	3.3	3.82
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	12	0.2	0.52	2.35	0.1	0.581	0.762	0.106	0.165	0.295	2.221
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	12 ##	0.003	0.008	0.057	0.003	0.	0.016	0.003	0.003	0.007	0.042
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	12	266.	266.5	334.	230.	928.091	30.465	230.6	237.	277.	325.
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	11	33.	32.	43.	20.	41.2	6.419	20.8	28.	36.	42.
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-07/28/92	12	10.	9.75	11.	7.	1.295	1.138	7.6	9.	10.75	11.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/28/92	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	11	60.	57.273	70.	50.	41.818	6.467	50.	50.	60.	68.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	11 ##	5.	15.909	100.	5.	834.091	28.881	5.	5.	5.	86.
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	11 ##	0.2	0.382	1.	0.2	0.098	0.312	0.2	0.2	0.4	1.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	3	1100.	7633.333	21000.	800.	134023333.333	11576.845	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	3	3.041	3.422	4.322	2.903	0.612	0.782	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2643.833								
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/28/92	9	2700.	2450.	6000.	20.	4046600.	2011.616	20.	515.	4000.	6000.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/28/92	9	3.431	3.059	3.778	1.301	0.645	0.803	1.301	2.592	3.599	3.778
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			1144.634								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	12 ##	2.5	2.708	5.	2.5	0.521	0.722	2.5	2.5	2.5	4.25
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	12	381.5	392.667	472.	352.	1594.424	39.93	352.3	365.25	402.5	470.5
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	11 ##	0.05	0.523	2.8	0.05	1.063	1.031	0.05	0.05	0.1	2.72

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Annual Analysis for 1989 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	12	15.35	13.208	23.5	0.	67.106	8.192	0.33	4.825	19.55	22.96
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	6	6.75	9.	15.	5.5	18.7	4.324	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	12	550.5	540.167	655.	360.	5359.061	73.206	399.3	509.25	586.75	635.8
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	12	9.	9.133	12.5	6.6	2.335	1.528	6.78	8.55	10.1	11.9
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	6	1.45	1.267	1.9	0.5	0.435	0.659	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	12	17.	19.	38.	11.	61.636	7.851	11.3	13.25	22.25	35.3
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	12	7.655	7.628	7.81	7.1	0.04	0.201	7.22	7.533	7.8	7.807
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	12	7.653	7.574	7.81	7.1	0.043	0.208	7.22	7.532	7.8	7.807
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	12	0.022	0.027	0.079	0.015	0.	0.018	0.016	0.016	0.029	0.065
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	12	7.95	7.883	8.1	7.6	0.034	0.185	7.6	7.7	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	12	7.947	7.846	8.1	7.6	0.036	0.189	7.6	7.7	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	12	0.011	0.014	0.025	0.008	0.	0.006	0.008	0.01	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	12	197.	189.333	214.	128.	526.061	22.936	140.6	178.	202.	211.
00500	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	12	436.5	430.667	468.	380.	820.424	28.643	380.9	406.25	452.5	464.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	12	20.5	22.917	56.	6.	186.992	13.675	6.3	14.	31.5	49.4
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	8	2.	2.	4.	0.5	1.357	1.165	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	12	0.25	0.258	0.4	0.2	0.004	0.067	0.2	0.2	0.3	0.37
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	12	2.45	2.508	3.6	1.8	0.25	0.5	1.86	2.125	2.775	3.45
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	12	0.155	0.389	2.91	0.1	0.633	0.795	0.1	0.123	0.21	2.121
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	12 ##	0.003	0.005	0.035	0.003	0.	0.009	0.003	0.003	0.003	0.025
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	12	272.	264.667	304.	206.	768.242	27.717	212.6	243.5	283.5	298.6
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	12	30.5	30.25	38.	24.	16.023	4.003	24.3	26.75	32.75	36.8
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-07/28/92	12	10.	10.167	12.	9.	0.879	0.937	9.	9.25	11.	11.7
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/28/92	4	1.5	1.375	2.	0.5	0.563	0.75	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	12	60.	55.833	60.	40.	44.697	6.686	43.	50.	60.	60.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	4	7.5	7.5	11.	4.	8.333	2.887	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	4 ##	3.	4.	7.	3.	4.	2.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	4 ##	4.	4.25	7.	2.	6.917	2.63	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	4	115.	122.5	160.	100.	691.667	26.3	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	12 ##	0.25	0.413	2.	0.25	0.253	0.503	0.25	0.25	0.25	1.535
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/28/92	12	1250.	2426.667	9500.	130.	8549133.333	2923.89	193.	437.5	3200.	8720.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/28/92	12	3.067	3.093	3.978	2.114	0.309	0.556	2.239	2.619	3.502	3.936
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			1238.083								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	12 ##	2.5	2.792	6.	2.5	1.021	1.01	2.5	2.5	2.5	4.95
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	12	405.5	396.5	450.	339.	1153.182	33.959	342.6	361.	413.	445.8
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	12 ##	0.05	0.213	1.5	0.05	0.181	0.425	0.05	0.05	0.088	1.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	11	15.6	13.036	25.	3.5	50.081	7.077	3.78	4.9	16.3	24.3
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	4	28.5	26.5	42.	7.	297.667	17.253	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	9	622.	614.889	689.	543.	2163.611	46.515	543.	578.	650.5	689.
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	10	10.9	10.01	12.7	6.	5.828	2.414	6.05	7.7	12.15	12.66
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	6 ##	0.75	0.9	1.7	0.5	0.244	0.494	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	12	17.	20.	60.	10.	175.455	13.246	10.3	13.	19.75	49.5
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	10	7.71	7.606	7.79	7.27	0.038	0.195	7.273	7.45	7.748	7.788
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	10	7.71	7.563	7.79	7.27	0.04	0.2	7.273	7.45	7.748	7.788
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	10	0.02	0.027	0.054	0.016	0.	0.014	0.016	0.018	0.036	0.053
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	12	7.9	7.883	8.2	7.4	0.04	0.199	7.49	7.825	7.975	8.17
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	12	7.9	7.835	8.2	7.4	0.042	0.205	7.49	7.825	7.975	8.17
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	12	0.013	0.015	0.04	0.006	0.	0.009	0.007	0.011	0.015	0.034
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	12	191.	180.667	213.	73.	1400.788	37.427	99.1	171.	201.5	211.5
00500	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	12	427.	426.833	521.	360.	1841.242	42.91	363.9	401.25	450.25	505.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	12	13.5	29.875	204.	0.5	3072.733	55.432	2.15	7.	25.	150.9
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	12	0.2	0.188	0.3	0.05	0.009	0.093	0.05	0.088	0.275	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	12	2.	1.967	2.9	0.4	0.412	0.641	0.73	1.725	2.275	2.87
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	12	0.095	0.124	0.46	0.05	0.012	0.108	0.056	0.08	0.12	0.361
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	12 ##	0.003	0.004	0.019	0.003	0.	0.005	0.003	0.003	0.003	0.014
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	12	269.	255.917	304.	98.	2892.811	53.785	140.	247.	284.	301.6
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	12	30.	28.5	53.	5.	113.182	10.639	10.1	24.5	30.75	46.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-07/28/92	12	9.35	9.425	11.	7.2	1.497	1.223	7.44	8.525	10.675	10.94
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/28/92	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	12	50.	47.5	60.	40.	38.636	6.216	40.	40.	50.	57.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	2	6.	6.	8.	4.	8.	2.828	**	**	**	**

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Annual Analysis for 1990 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	2 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	2	55.	55.	60.	50.	50.	7.071	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	11 ##	0.25	0.264	0.4	0.25	0.002	0.045	0.25	0.25	0.25	0.37
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/28/92	12	460.	900.	3700.	150.	1106145.455	1051.734	153.	250.	1257.5	3220.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/28/92	12	2.661	2.741	3.568	2.176	0.188	0.433	2.184	2.39	3.089	3.494
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			551.006								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	12	413.	389.417	480.	146.	7005.72	83.7	207.2	373.	429.25	467.1
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085

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Annual Analysis for 1991 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	7	13.1	12.557	29.9	1.5	100.806	10.04	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	7	583.	546.714	671.	338.	13026.238	114.133	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	6	8.6	9.183	11.4	8.	1.966	1.402	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	3	1.8	1.767	3.	0.5	1.563	1.25	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	10	16.5	17.1	35.	8.	66.989	8.185	8.	9.5	19.75	34.
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	6	7.345	7.387	7.81	6.97	0.106	0.326	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	6	7.34	7.292	7.81	6.97	0.117	0.342	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	6	0.046	0.051	0.107	0.015	0.001	0.035	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	9	7.5	7.6	8.	7.5	0.028	0.166	7.5	7.5	7.65	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	9	7.5	7.577	8.	7.5	0.028	0.168	7.5	7.5	7.65	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	9	0.032	0.026	0.032	0.01	0.	0.008	0.01	0.023	0.032	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	9	166.	162.	204.	127.	860.	29.326	127.	132.	189.5	204.
00500	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	9	372.	362.667	459.	203.	8965.75	94.688	203.	279.5	437.5	459.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	9	15.	23.667	55.	6.	333.5	18.262	6.	9.5	43.	55.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	10	0.1	0.1	0.2	0.05	0.003	0.058	0.05	0.05	0.125	0.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-07/23/91	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	10	1.45	1.38	2.3	0.7	0.326	0.571	0.71	0.8	1.8	2.28
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	10	0.055	0.053	0.08	0.015	0.001	0.026	0.015	0.034	0.08	0.08
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	10 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	9	223.	223.111	278.	163.	2005.861	44.787	163.	183.	269.	278.
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/23/91	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	10	23.5	20.73	30.	8.3	66.062	8.128	8.47	11.5	27.5	29.9
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-07/28/92	9	8.	7.3	11.	2.	11.21	3.348	2.	4.	10.	11.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/28/92	4	1.	1.	1.	1.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	10	40.	45.	70.	20.	227.778	15.092	21.	37.5	60.	69.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	4	5.5	5.25	8.	2.	7.583	2.754	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	4 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	4 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	4	15.	16.25	30.	5.	122.917	11.087	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	10 ##	0.25	0.26	0.35	0.25	0.001	0.032	0.25	0.25	0.25	0.34
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/28/92	10	150.	348.5	2200.	5.	435966.944	660.278	6.5	35.	300.	2016.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/28/92	10	2.172	2.055	3.342	0.699	0.528	0.727	0.759	1.527	2.474	3.264
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			113.439								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	8	359.	344.25	418.	227.	4003.071	63.27	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	6	13.6	13.233	22.6	5.5	40.747	6.383	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	6	544.	546.833	596.	491.	1722.567	41.504	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	6	8.05	8.483	11.	6.5	3.062	1.75	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	3	1.	0.9	1.2	0.5	0.13	0.361	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	6	17.	23.167	45.	12.	176.167	13.273	**	**	**	**
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	6	7.83	7.617	7.96	7.03	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	6	7.83	7.433	7.96	7.03	0.22	0.469	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	6	0.015	0.037	0.093	0.011	0.001	0.037	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	6	7.6	7.617	8.	7.2	0.078	0.279	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	6	7.589	7.542	8.	7.2	0.084	0.29	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	6	0.026	0.029	0.063	0.01	0.	0.019	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	6	192.	187.	205.	156.	334.	18.276	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	6	428.	434.5	500.	401.	1286.3	35.865	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	6	12.	12.833	19.	5.	29.767	5.456	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	6	0.15	0.175	0.4	0.05	0.016	0.125	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	6	2.05	2.117	3.1	1.2	0.47	0.685	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	6	0.075	0.077	0.1	0.06	0.	0.014	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	6 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	6	276.	270.833	280.	244.	190.567	13.805	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	6	28.	28.333	31.	27.	1.867	1.366	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-07/28/92	5	8.	8.8	11.	8.	1.7	1.304	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/28/92	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	6	50.	48.333	60.	40.	56.667	7.528	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	6 ##	2.	3.	5.	2.	2.4	1.549	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	2 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	2	20.	20.	20.	20.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	6 ##	0.25	0.292	0.5	0.25	0.01	0.102	**	**	**	**
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/28/92	6	340.	2381.667	10000.	20.	15695136.667	3961.709	**	**	**	**
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/28/92	6	2.512	2.637	4.	1.301	0.999	1.	**	**	**	**
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			433.678								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	6	393.	391.167	421.	345.	773.767	27.817	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 9/16 to 1/15 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	69	11.	9.936	23.	0.	35.224	5.935	2.	4.45	15.	17.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	39	19.	87.667	840.	5.	26569.531	163.002	6.	10.	90.	340.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	69	589.	559.71	800.	270.	11618.621	107.79	422.	495.5	630.	680.
00300p	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	69	8.4	8.53	13.5	2.8	5.297	2.301	5.4	6.85	10.45	11.6
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	50	2.4	2.66	6.	0.5	1.436	1.198	1.41	1.8	3.5	4.49
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	63	19.	21.857	60.	8.	99.737	9.987	11.4	15.	26.	36.6
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	48	7.5	7.502	8.1	7.	0.066	0.257	7.2	7.3	7.7	7.801
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	48	7.5	7.432	8.1	7.	0.071	0.267	7.2	7.3	7.7	7.801
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	48	0.032	0.037	0.1	0.008	0.	0.021	0.016	0.02	0.05	0.063
00403p	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	66	7.6	7.541	8.1	6.8	0.081	0.284	7.2	7.4	7.7	7.93
00403p	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	66	7.6	7.44	8.1	6.8	0.091	0.302	7.2	7.4	7.7	7.93
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	66	0.025	0.036	0.158	0.008	0.001	0.031	0.012	0.02	0.04	0.063
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	50	198.	185.98	214.	73.	975.979	31.241	144.1	173.	206.	212.
00500p	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	45	411.	352.044	504.	8.	23039.498	151.788	13.	340.	437.5	470.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	63	19.	29.151	205.	0.5	1534.207	39.169	7.4	11.	27.	52.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-11/19/85	20	8.5	13.65	93.	2.	423.292	20.574	3.1	4.	10.75	35.4
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	47	3.6	4.547	32.	0.5	22.163	4.708	1.08	2.	5.7	8.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	63	0.9	0.924	3.	0.05	0.509	0.713	0.07	0.3	1.3	1.92
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-07/23/91	21	1.7	1.676	2.8	0.3	0.401	0.633	0.64	1.35	2.2	2.38
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	58	1.05	1.317	3.6	0.3	0.647	0.804	0.5	0.8	1.625	2.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	57	0.16	0.484	4.5	0.015	0.879	0.938	0.08	0.11	0.29	2.006
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	63	0.005	0.02	0.15	0.001	0.001	0.034	0.003	0.003	0.02	0.05
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	50	277.	267.36	400.	98.	2231.704	47.241	211.2	258.25	288.5	304.
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/23/91	16	184.	175.938	216.	82.	1079.796	32.86	115.6	165.25	195.5	210.4
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	45	22.	22.551	54.	4.5	75.052	8.663	11.2	18.	26.	31.2
00937	POTASSIUM, TOTAL MG/L AS K)	01/12/71-11/19/85	26	3.8	3.831	6.	2.4	0.682	0.826	3.	3.2	4.	5.23
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	48	33.	31.979	84.	12.	111.085	10.54	21.9	25.	36.75	40.1
00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	40	74.	73.2	120.	35.	290.01	17.03	54.4	61.25	80.75	97.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/12/71-11/19/85	26	0.3	0.25	0.3	0.1	0.003	0.058	0.2	0.2	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-07/28/92	30	9.6	8.052	12.	0.65	13.096	3.619	1.51	5.5	11.	11.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/28/92	20	1.	0.985	2.	0.1	0.172	0.415	0.52	0.8	1.	1.9
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	21	50.	52.857	70.	20.	131.429	11.464	40.	50.	60.	68.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	34	2.	4.529	10.	1.	14.317	3.784	1.	1.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/12/71-11/19/85	23	10.	8.478	10.	5.	5.534	2.352	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	61	10.	15.738	130.	5.	576.53	24.011	5.	5.	10.	38.
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	34	9.	12.5	40.	2.	86.197	9.284	4.	6.	20.	25.
01045	IRON, TOTAL (UG/L AS FE)	01/12/71-11/19/85	29	1100.	1635.172	12000.	500.	4489783.005	2118.911	500.	805.	1650.	2600.
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	45	10.	16.667	70.	3.	194.773	13.956	3.	10.	20.	34.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/12/71-11/19/85	26	130.	153.077	440.	90.	5126.154	71.597	100.	110.	162.5	235.
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	45	10.	14.96	60.	0.02	179.303	13.39	1.236	6.	20.	34.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	21 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	40	105.	108.625	300.	5.	2642.292	51.403	50.	80.	140.	169.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	20 ##	0.25	0.41	2.	0.2	0.195	0.442	0.2	0.213	0.288	1.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/12/70-11/19/85	24	33500.	186077.083	3000000.	10.	369674887404.167	608008.953	160.	2475.	86000.	370000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/12/70-11/19/85	24	4.492	4.154	6.477	1.	1.549	1.245	2.19	3.343	4.934	5.564
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14262.577								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	55	1000.	8661.545	140000.	10.	494428962.845	22235.759	10.	10.	6700.	31400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	55	3.	2.69	5.146	1.	1.765	1.329	1.	1.	3.826	4.495
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			489.752								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	49 ##	2.5	3.408	11.	1.	3.924	1.981	2.5	2.5	5.	5.
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/28/92	19	40013.	37975.789	90511.	10004.	540944466.842	23258.213	10942.	12732.	42011.	90012.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	37	390.	377.703	472.	146.	4461.937	66.798	290.4	360.5	414.5	441.2
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	48 ##	0.05	0.366	2.8	0.05	0.417	0.646	0.05	0.05	0.2	1.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	30	3.	3.653	9.	0.	5.978	2.445	1.	1.875	5.125	7.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	16	15.5	30.875	160.	5.	1848.517	42.994	6.4	8.	34.	125.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	29	620.	586.172	1137.	240.	26048.576	161.396	360.	495.	670.5	710.
00300p	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	29	11.	10.741	12.8	7.9	1.705	1.306	8.6	9.85	11.45	12.7
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	22	2.1	2.545	9.	0.5	3.387	1.84	0.5	1.675	3.025	4.8
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	27	19.	21.444	43.	11.	58.718	7.663	14.	16.	25.	32.4
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	23	7.6	7.597	8.1	7.1	0.088	0.297	7.164	7.3	7.81	8.06
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	23	7.6	7.503	8.1	7.1	0.097	0.312	7.164	7.3	7.81	8.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	23	0.025	0.031	0.079	0.008	0.	0.021	0.009	0.015	0.05	0.069
00403p	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	26	7.55	7.523	8.	6.8	0.119	0.344	7.01	7.275	7.8	8.
00403p	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	26	7.547	7.378	8.	6.8	0.14	0.375	7.01	7.275	7.8	8.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	26	0.028	0.042	0.158	0.01	0.002	0.04	0.01	0.016	0.053	0.103
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	21	174.	172.571	230.	116.	888.657	29.81	120.2	156.	199.	205.4
00500p	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	19	430.	377.737	569.	9.	28536.316	168.927	9.	406.	450.	521.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	25	14.	20.56	92.	5.	325.84	18.051	6.6	9.	27.	37.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-11/19/85	6	6.	5.667	9.	2.	7.867	2.805	**	**	**	**
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	16	3.95	4.219	14.	1.	10.776	3.283	1.	1.85	5.1	10.15
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	26	0.6	0.7	2.2	0.1	0.256	0.506	0.17	0.275	1.025	1.32
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-07/23/91	8	1.25	1.238	2.7	0.4	0.514	0.717	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	24	1.1	1.329	3.2	0.7	0.387	0.622	0.7	0.9	1.675	2.15
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	24	0.14	0.378	2.5	0.04	0.487	0.698	0.07	0.08	0.18	2.
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	27	0.005	0.015	0.05	0.003	0.	0.02	0.003	0.003	0.035	0.05
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	21	270.	261.429	304.	180.	1096.957	33.12	194.	247.	278.	303.2
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/23/91	5	164.	170.8	195.	143.	436.7	20.897	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	21	29.	30.619	53.	19.	58.348	7.639	23.	25.5	35.	41.2
00937	POTASSIUM, TOTAL MG/L AS K)	01/12/71-11/19/85	11	3.2	3.245	5.	2.	0.579	0.761	2.12	3.	3.6	4.78
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	18	35.	39.833	71.	9.	281.912	16.79	18.9	31.	57.25	64.7
00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	14	75.	74.929	94.	44.	160.533	12.67	53.	70.25	83.5	93.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/12/71-11/19/85	11	0.2	0.209	0.3	0.2	0.001	0.03	0.2	0.2	0.2	0.28
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-07/28/92	13	9.	7.208	11.	1.	13.327	3.651	1.	3.5	10.	11.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/28/92	7	1.	0.971	1.	0.8	0.006	0.076	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	10	50.	47.	50.	40.	23.333	4.83	40.	40.	50.	50.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	14	3.5	9.786	70.	1.	315.874	17.773	1.	2.	10.	40.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/12/71-11/19/85	11	10.	9.545	10.	5.	2.273	1.508	6.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	27	10.	12.593	60.	5.	169.943	13.036	5.	5.	10.	32.
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	14	8.	29.643	180.	4.	2206.093	46.969	4.	4.75	35.	120.
01045	IRON, TOTAL (UG/L AS FE)	01/12/71-11/19/85	13	1200.	1200.	2300.	500.	238333.333	488.194	540.	850.	1500.	2060.
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	16	15.	16.75	40.	3.	103.	10.149	4.4	10.	20.	33.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/12/71-11/19/85	12	125.	130.833	200.	70.	1444.697	38.009	76.	102.5	165.	191.
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	17	10.	14.248	50.	0.05	159.568	12.632	0.066	6.	20.	34.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	17	90.	104.706	210.	20.	2863.971	53.516	36.	65.	140.	202.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	10 ##	0.25	0.245	0.3	0.2	0.001	0.028	0.2	0.238	0.25	0.295
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/12/70-11/19/85	9	8500.	12725.556	60000.	10.	368841577.778	19205.249	10.	60.	17000.	60000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/12/70-11/19/85	9	3.929	3.206	4.778	1.	1.951	1.397	1.	1.651	4.202	4.778
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1607.924								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	22	175.	2598.318	21000.	5.	37220899.37	6100.893	10.	10.	875.	16610.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	22	2.243	2.232	4.322	0.699	1.297	1.139	1.	1.	2.938	4.193
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			170.693								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	23	2.5	3.913	10.	2.	4.424	2.103	2.2	2.5	5.	7.6
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/28/92	10	40026.	31372.5	42712.	10022.	187513595.833	13693.56	10291.	12966.25	40903.75	42532.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	15	400.	412.467	546.	325.	2773.41	52.663	346.	380.	437.	506.4
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	21	0.1	0.238	1.9	0.05	0.216	0.465	0.05	0.05	0.1	1.08

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	86	15.	14.283	24.	0.	33.771	5.811	6.	9.75	19.	21.3
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	44	20.	78.773	820.	5.	24439.808	156.332	9.5	12.25	62.25	260.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	87	563.	546.103	740.	237.	8950.768	94.608	402.	510.	600.	643.8
00300p	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	87	7.3	7.272	12.5	1.8	6.269	2.504	3.78	5.3	9.5	10.14
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	66	2.4	3.368	31.	0.5	16.558	4.069	1.2	1.8	3.4	4.89
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	81	24.	24.519	47.	10.	71.453	8.453	15.	18.	29.5	36.
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	69	7.6	7.53	8.8	6.5	0.144	0.379	7.03	7.3	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	69	7.6	7.362	8.8	6.5	0.173	0.416	7.03	7.3	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	69	0.025	0.043	0.316	0.002	0.002	0.05	0.013	0.02	0.05	0.093
00403p	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	86	7.5	7.51	8.1	6.3	0.092	0.304	7.2	7.3	7.7	7.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	86	7.5	7.375	8.1	6.3	0.111	0.333	7.2	7.3	7.7	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	86	0.032	0.042	0.501	0.008	0.003	0.057	0.013	0.02	0.05	0.063
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	61	186.	173.984	216.	90.	1006.616	31.727	121.	158.	199.5	203.6
00500p	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	57	405.	420.544	4100.	6.	265121.324	514.899	19.4	381.5	430.	453.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	81	22.	28.247	248.	8.	863.163	29.38	12.	16.	28.5	53.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-11/19/85	29	5.	8.414	75.	1.	176.466	13.284	2.	4.	9.5	13.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	61	3.4	4.267	21.	0.5	13.896	3.728	1.	2.	5.3	8.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	81	0.8	1.056	4.2	0.03	0.83	0.911	0.2	0.3	1.5	2.38
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-07/23/91	25	1.4	1.88	4.7	0.9	0.854	0.924	1.1	1.3	2.2	3.48
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	73	0.9	1.149	4.	0.2	0.609	0.78	0.44	0.6	1.5	2.42
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	71	0.18	0.424	4.5	0.04	0.642	0.801	0.082	0.12	0.25	1.298
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	81	0.005	0.024	0.5	0.001	0.004	0.065	0.003	0.003	0.012	0.05
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	61	260.	248.049	296.	114.	1463.714	38.259	190.8	231.	274.	283.6
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/23/91	21	170.	167.238	200.	110.	576.29	24.006	123.8	157.	184.	195.6
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	61	24.	23.656	33.	13.	29.063	5.391	16.	19.5	28.	31.
00937	POTASSIUM, TOTAL MG/L AS K)	01/12/71-11/19/85	38	3.	3.013	5.	2.	0.22	0.469	2.59	2.875	3.025	3.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	62	31.	30.339	45.	10.	58.392	7.641	21.3	24.	37.	39.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	54	66.5	65.324	120.	2.5	256.917	16.029	47.5	60.	74.	78.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/12/71-11/19/85	38	0.2	0.279	1.7	0.2	0.059	0.243	0.2	0.2	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-07/28/92	35	8.6	7.329	12.	0.9	12.412	3.523	0.96	4.	10.	11.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/28/92	26	1.	1.285	2.	0.7	0.241	0.491	0.87	1.	2.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	26	50.	52.308	60.	40.	50.462	7.104	40.	50.	60.	60.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	47	2.	4.979	10.	1.	15.586	3.948	1.	2.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/12/71-11/19/85	33	10.	9.394	10.	5.	2.746	1.657	5.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	80	10.	11.325	50.	2.	110.779	10.525	5.	5.	10.	30.
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	47	10.	15.83	60.	2.	189.927	13.781	4.	7.	20.	40.
01045	IRON, TOTAL (UG/L AS FE)	01/12/71-11/19/85	41	1300.	1489.024	5100.	600.	763229.024	873.63	784.	950.	1700.	2520.
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	58	10.	16.276	50.	3.	110.449	10.509	5.	10.	20.	30.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/12/71-11/19/85	38	135.	143.158	250.	80.	1660.028	40.743	100.	110.	162.5	202.
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	58	10.	16.368	70.	0.02	305.946	17.491	0.03	5.75	20.	50.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	26 ##	5.	6.731	50.	5.	77.885	8.825	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	56	80.	102.5	760.	20.	9950.	99.75	40.	60.	120.	153.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	26 ##	0.25	0.452	5.	0.1	0.872	0.934	0.2	0.2	0.263	0.53
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/12/70-11/19/85	27	55000.	241537.407	4000000.	10.584	285512012.251	764385.709	5180.	20000.	92000.	512000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/12/70-11/19/85	27	4.74	4.592	6.602	1.	0.958	0.979	3.697	4.301	4.964	5.709
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			39075.004								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	71	2000.	9278.028	160000.	10.	563329344.628	23734.56	10.	300.	6500.	20000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	71	3.301	3.06	5.204	1.	1.175	1.084	1.	2.477	3.813	4.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1148.335								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	64	2.5	3.469	9.	1.	2.618	1.618	1.5	2.5	5.	5.
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/28/92	22	31724.5	29411.5	43333.	10014.	144744771.024	12030.992	10164.3	18787.5	40028.5	42719.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	49	376.	437.714	3900.	176.	256975.125	506.927	301.	350.	392.5	410.
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	60 ##	0.075	0.192	2.8	0.05	0.185	0.43	0.05	0.05	0.1	0.47

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

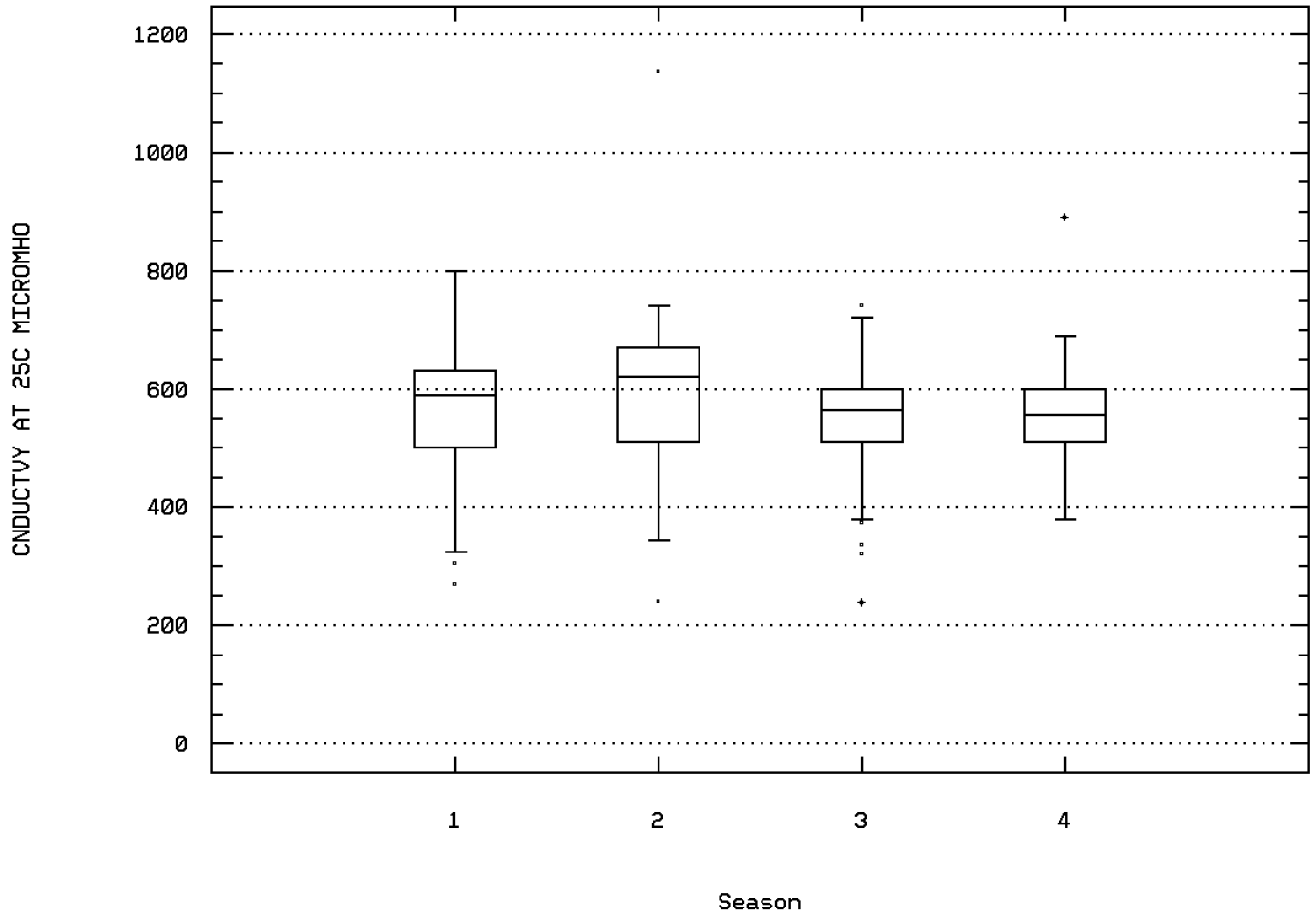
Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/12/70-07/28/92	39	22.6	22.377	29.9	17.	5.857	2.42	20.	21.	23.	25.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/12/70-11/28/90	17	10.	10.706	18.	5.	14.471	3.804	5.	8.5	14.	16.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/12/70-07/28/92	38	555.	552.974	890.	380.	7935.81	89.083	438.	509.75	600.	631.
00300p	OXYGEN, DISSOLVED MG/L	01/12/70-07/28/92	39	4.6	4.838	10.1	1.	5.155	2.27	2.1	3.2	6.4	8.1
00310	BOD, 5 DAY, 20 DEG C MG/L	01/12/71-06/24/92	30	2.6	2.8	6.5	0.5	1.566	1.251	1.2	2.075	3.425	4.54
00335	COD, .025N K2CR2O7 MG/L	01/12/71-07/28/92	35	18.	19.1	50.	2.5	66.409	8.149	8.6	15.	24.	26.8
00400	PH (STANDARD UNITS)	01/25/71-07/28/92	25	7.4	7.457	8.4	6.8	0.115	0.34	7.06	7.2	7.73	7.82
00400	CONVERTED PH (STANDARD UNITS)	01/25/71-07/28/92	25	7.4	7.344	8.4	6.8	0.129	0.359	7.06	7.2	7.73	7.82
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/25/71-07/28/92	25	0.04	0.045	0.158	0.004	0.001	0.034	0.015	0.019	0.063	0.088
00403p	PH, LAB, STANDARD UNITS SU	04/20/70-07/28/92	36	7.5	7.467	8.6	6.6	0.153	0.391	7.	7.2	7.675	7.93
00403p	CONVERTED PH, LAB, STANDARD UNITS	04/20/70-07/28/92	36	7.5	7.309	8.6	6.6	0.178	0.422	7.	7.2	7.675	7.93
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/70-07/28/92	36	0.032	0.049	0.251	0.003	0.002	0.048	0.012	0.021	0.063	0.1
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	26	198.5	192.423	216.	127.	342.014	18.494	167.4	183.5	205.25	208.6
00500p	RESIDUE, TOTAL (MG/L)	01/12/70-07/28/92	24	398.	329.75	500.	2.	23743.152	154.088	10.5	332.5	418.5	430.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/12/71-07/28/92	36	15.5	24.528	97.	6.	402.313	20.058	7.7	12.25	33.5	54.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-11/19/85	12	4.	4.25	9.	1.	10.205	3.194	1.	1.	7.5	9.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/12/71-03/28/90	25	2.7	3.836	15.	0.5	10.199	3.194	1.	2.	5.45	7.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/12/71-07/28/92	35	1.5	1.556	5.	0.05	1.065	1.032	0.2	0.8	2.2	2.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-07/23/91	11	2.2	2.209	3.9	0.6	0.671	0.819	0.8	1.8	2.7	3.68
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/11/72-07/28/92	32	0.95	1.266	3.7	0.4	0.766	0.875	0.5	0.6	1.725	2.64
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/12/71-07/28/92	32	0.215	0.526	3.5	0.04	0.806	0.898	0.092	0.155	0.295	2.45
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/12/71-07/28/92	35	0.01	0.019	0.057	0.001	0.	0.02	0.003	0.005	0.05	0.05
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/12/70-07/28/92	26	260.	253.385	284.	163.	725.286	26.931	221.5	242.5	274.5	279.2
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/23/91	9	178.	168.222	204.	108.	821.444	28.661	108.	152.	185.	204.
00929	SODIUM, TOTAL (MG/L AS NA)	01/12/71-07/28/92	24	25.	24.958	38.	12.	41.085	6.41	15.5	20.	29.5	34.
00937	POTASSIUM, TOTAL MG/L AS K)	01/12/71-11/19/85	14	4.	3.979	6.	3.1	0.617	0.786	3.15	3.4	4.15	5.5
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/12/70-06/24/92	28	29.5	29.571	42.	16.	49.217	7.015	19.9	25.	35.	38.3
00945	SULFATE, TOTAL (MG/L AS SO4)	01/12/71-06/24/92	23	55.	56.783	84.	24.	147.632	12.15	46.2	49.	62.	74.4
00951	FLUORIDE, TOTAL (MG/L AS F)	01/12/71-11/19/85	15	0.3	0.3	0.4	0.2	0.003	0.053	0.2	0.3	0.3	0.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-07/28/92	19	10.	7.313	12.	0.15	16.149	4.019	0.9	4.	10.6	11.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/28/92	9	1.	1.333	2.	1.	0.25	0.5	1.	1.	2.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	12	50.	50.833	60.	30.	99.242	9.962	33.	42.5	60.	60.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/12/71-07/28/92	18	3.5	5.111	10.	1.	17.516	4.185	1.	1.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/12/71-11/19/85	12	10.	8.333	10.	5.	6.061	2.462	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/12/71-07/28/92	34 ##	5.	9.912	40.	2.	72.386	8.508	5.	5.	10.	25.
01042	COPPER, TOTAL (UG/L AS CU)	01/12/71-07/28/92	18	9.5	12.5	30.	2.	62.382	7.898	3.8	6.75	20.	21.
01045	IRON, TOTAL (UG/L AS FE)	01/12/71-11/19/85	16	1050.	1119.375	1700.	500.	106366.25	326.138	640.	955.	1375.	1630.
01051	LEAD, TOTAL (UG/L AS PB)	01/12/71-07/28/92	24	15.	15.25	40.	3.	92.891	9.638	4.	6.25	20.	30.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/12/71-11/19/85	14	140.	155.	330.	70.	5134.615	71.656	75.	107.5	167.5	305.
01067	NICKEL, TOTAL (UG/L AS NI)	01/12/71-07/28/92	24	10.	15.169	70.	0.02	229.805	15.159	0.02	10.	20.	35.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/12/71-07/28/92	22	70.	81.818	220.	10.	2644.156	51.421	23.	50.	107.5	168.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	12 ##	0.25	0.233	0.35	0.1	0.004	0.062	0.13	0.2	0.25	0.335
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/12/70-11/19/85	11	23000.	191545.455	1300000.	1000.153250472727.273		391472.186	1200.	10000.	240000.	1126000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/12/70-11/19/85	11	4.362	4.48	6.114	3.	0.878	0.937	3.06	4.	5.38	6.018
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			30178.758								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	30	2650.	27846.133	180000.	10.	2357521503.706	48554.315	37.6	900.	44250.	97300.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/12/70-03/29/88	30	3.423	3.523	5.255	1.	1.444	1.201	1.563	2.954	4.646	4.986
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3333.254								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/12/71-07/28/92	27 ##	2.5	2.963	6.	1.	2.364	1.538	1.	2.5	5.	5.2
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/28/92	9	20915.	27194.	80525.	10006.	513283565.	22655.762	10006.	11815.	36969.	80525.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/28/92	19	372.	361.632	412.	227.	1833.468	42.819	300.	350.	393.	402.
71900	MERCURY, TOTAL (UG/L AS HG)	10/14/71-07/28/92	26 ##	0.05	0.229	2.	0.05	0.185	0.431	0.05	0.05	0.1	0.83

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: INDU0009 Parameter Code: 00095

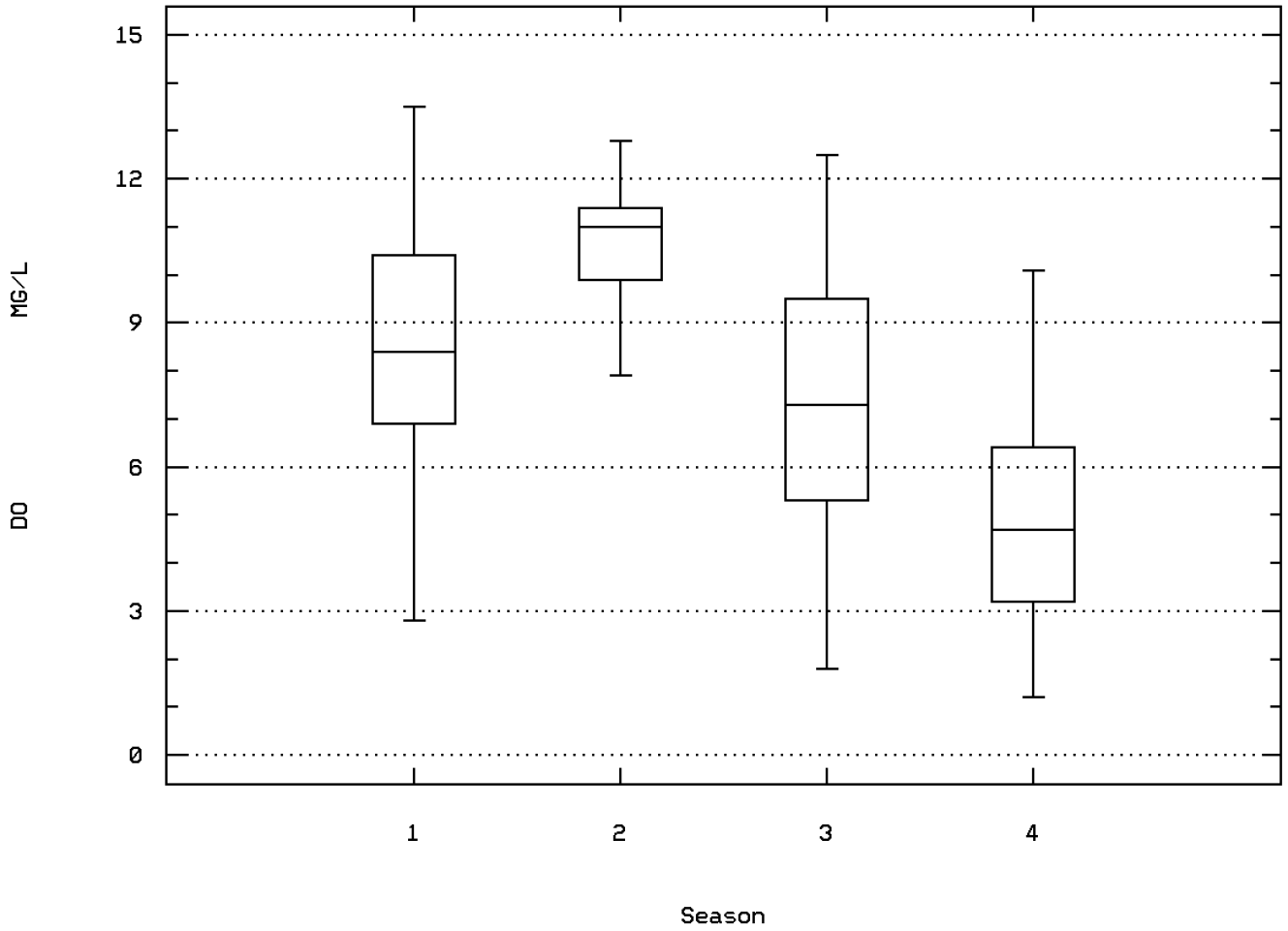
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



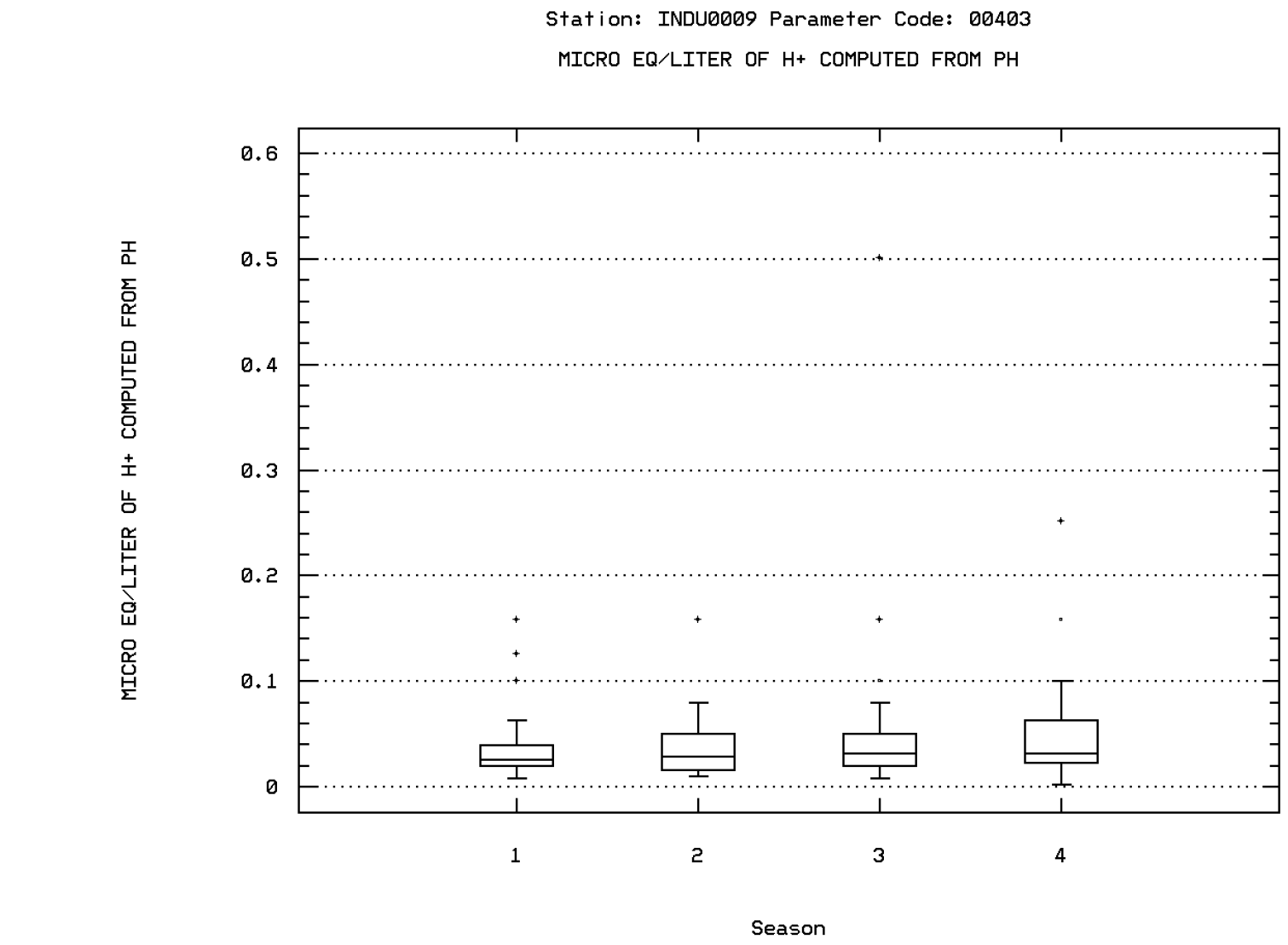
TRAIL CREEK AT MICHIGAN CITY MILE POINT

Station: INDU0009 Parameter Code: 00300

OXYGEN, DISSOLVED



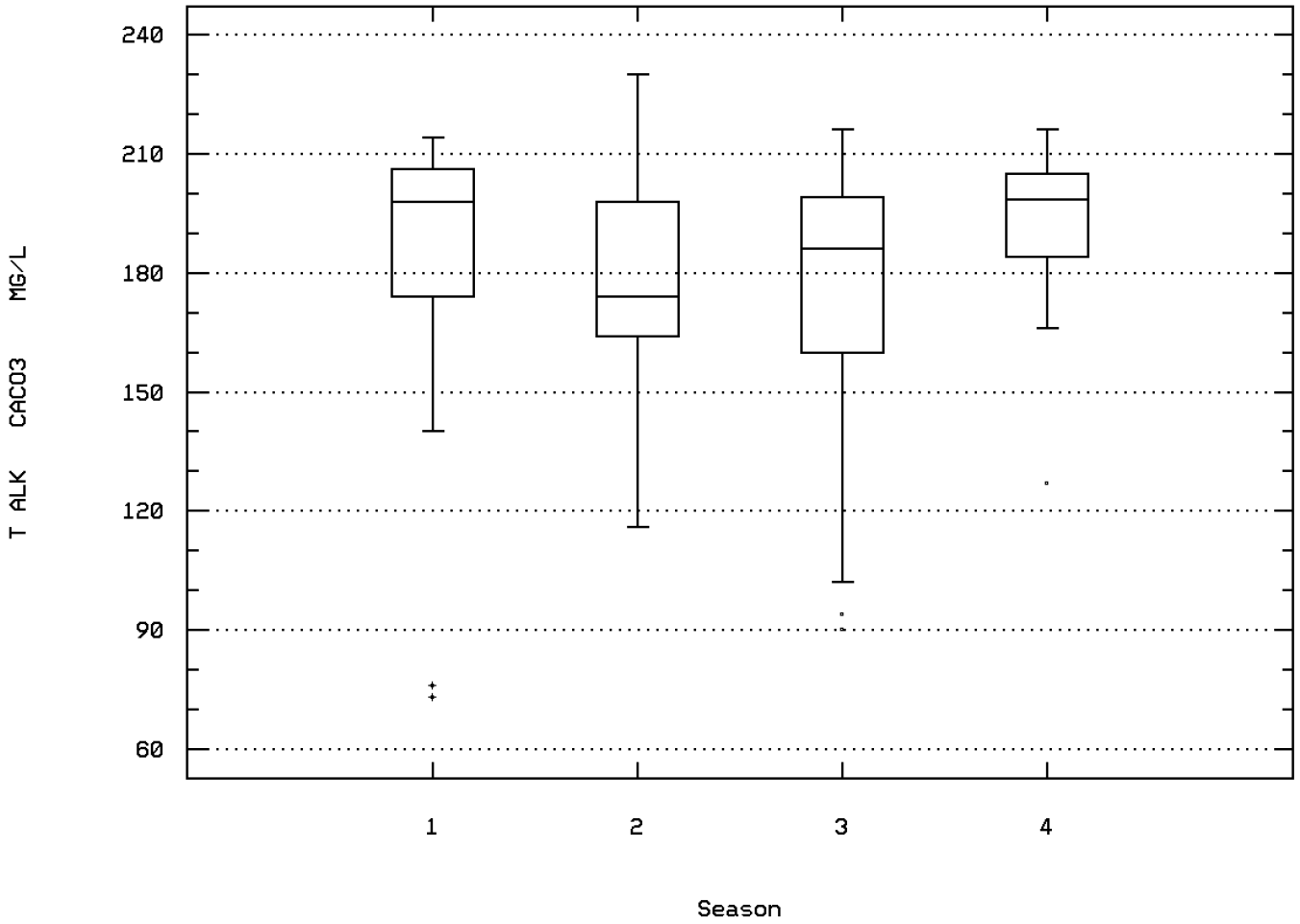
TRAIL CREEK AT MICHIGAN CITY MILE POINT



TRAIL CREEK AT MICHIGAN CITY MILE POINT

Station: INDU0009 Parameter Code: 00410

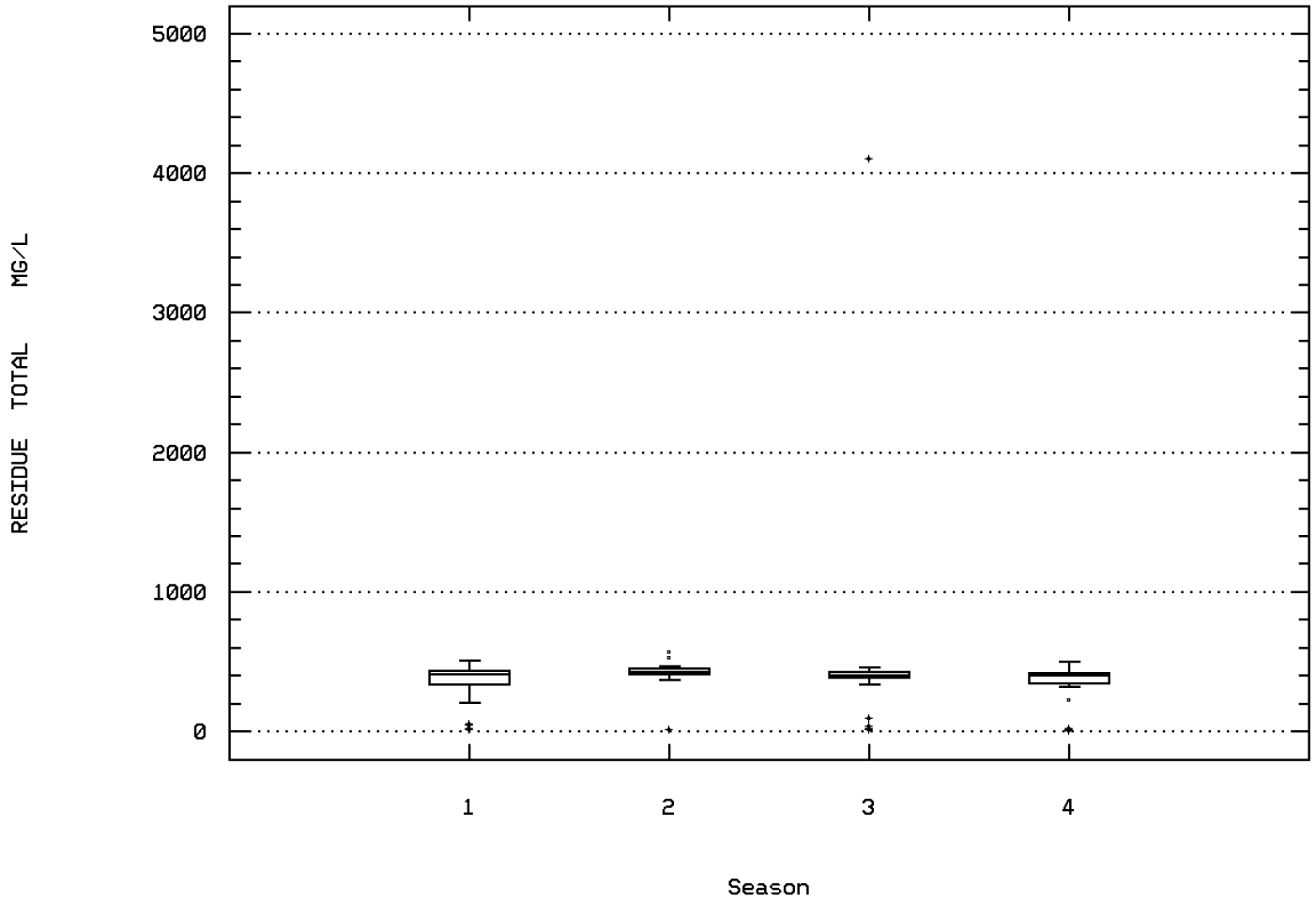
ALKALINITY, TOTAL (MG/L AS CACO3)



TRAIL CREEK AT MICHIGAN CITY MILE POINT

Station: INDU0009 Parameter Code: 00500

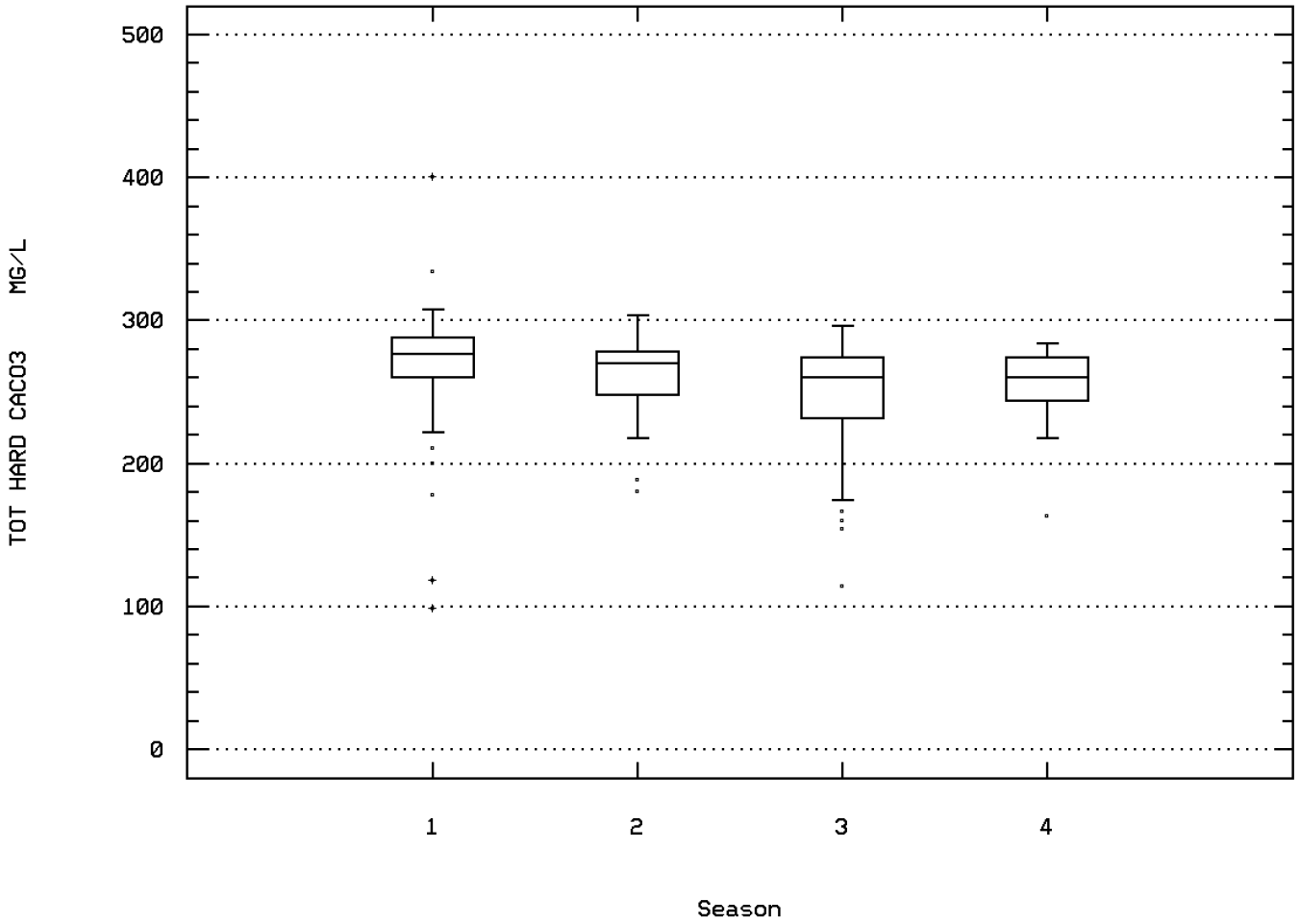
RESIDUE, TOTAL (MG/L)



TRAIL CREEK AT MICHIGAN CITY MILE POINT

Station: INDU0009 Parameter Code: 00900

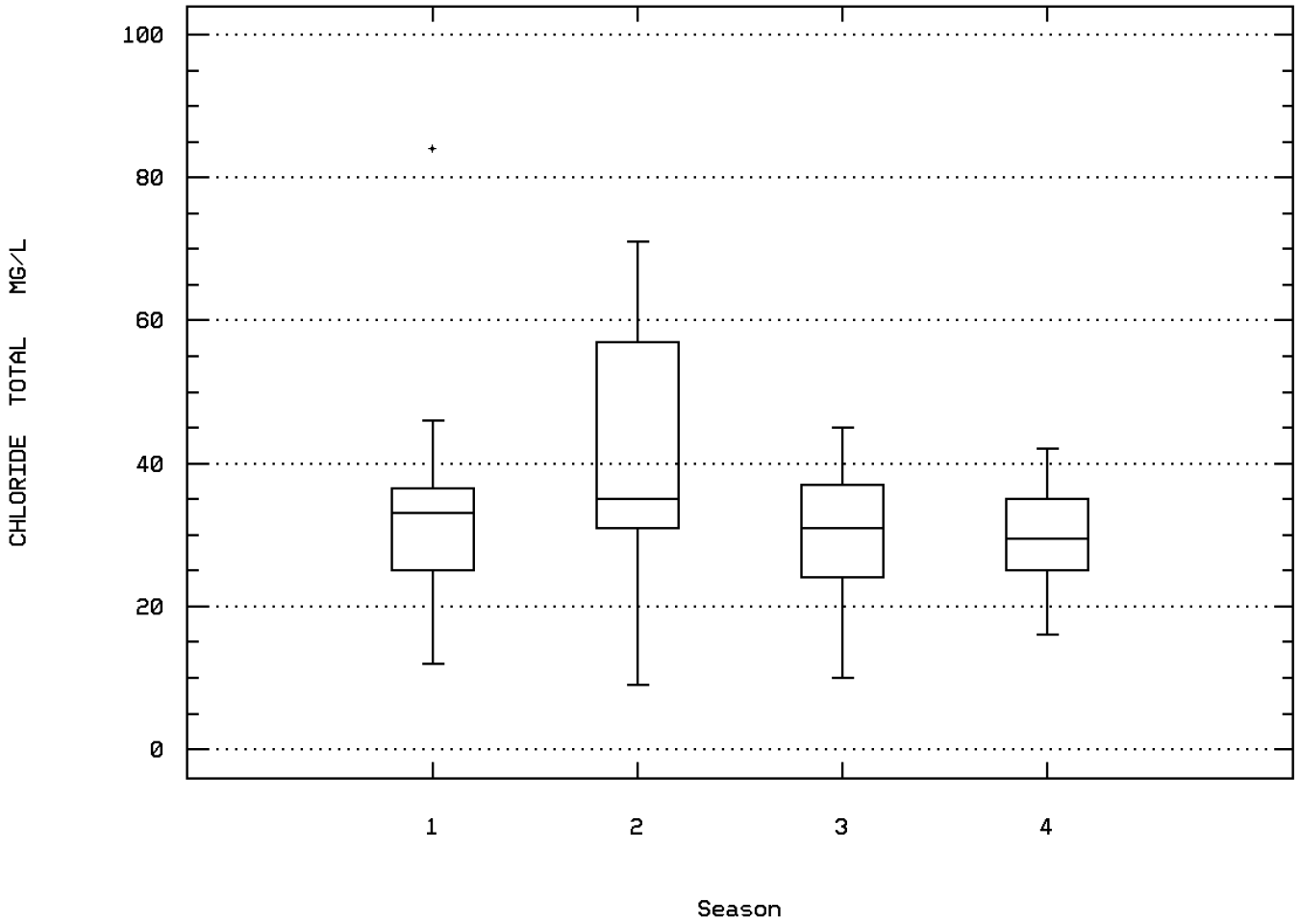
HARDNESS, TOTAL (MG/L AS CACO3)



TRAIL CREEK AT MICHIGAN CITY MILE POINT

Station: INDU0009 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



TRAIL CREEK AT MICHIGAN CITY MILE POINT

Station Inventory for Station: INDU0010

NPS Station ID: INDU0010 LAT/LON: 41.721948/ -86.897227 Agency: 1115GLSB Date Created: 04/03/82
Location: TRAIL CREEK, APPROXIMATELY .8 MILE UPST OF MOUTH FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MCH75-08 /MCH75-08S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04040001002 RF1 Mile Point: 10.670 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 04040001047300.00 RF3 Mile Point: 0.08 Distance from RF3: 0.02 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE MICHIGAN CITY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE TRAIL CREEK, WEST SIDE OF CHANNEL, APPROXIMATELY

Parameter Inventory for Station: INDU0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	1	195000.	195000.	195000.	195000.	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	1	11000.	11000.	11000.	11000.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	1	4200.	4200.	4200.	4200.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	1	3300.	3300.	3300.	3300.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	1	12000.	12000.	12000.	12000.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	1	260.	260.	260.	260.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	44.	44.	44.	44.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	235.	235.	235.	235.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	1	185.	185.	185.	185.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	1	360.	360.	360.	360.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	1	710.	710.	710.	710.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	1	1760.	1760.	1760.	1760.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	1	23000.	23000.	23000.	23000.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0011

NPS Station ID: INDU0011
LAT/LON: 41.589448/ -86.897504
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR04W08 NENE S
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413522086535101
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001033000.00
RF3 Mile Point: 0.91
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/17/59-12/17/59	1	208.	208.	208.	208.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	12/17/59-12/17/59	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/17/59-12/17/59	1	236.	236.	236.	236.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/17/59-12/17/59	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/17/59-12/17/59	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/17/59-12/17/59	1	300.	300.	300.	300.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/17/59-12/17/59	1	363.	363.	363.	363.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0012

NPS Station ID: INDU0012
LAT/LON: 41.589170/ -86.897504
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR04W08 NENE S
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413521086535101
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001033600.00
RF3 Mile Point: 1.43
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/17/59-12/17/59	1	304.	304.	304.	304.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	12/17/59-12/17/59	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/17/59-12/17/59	1	356.	356.	356.	356.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/17/59-12/17/59	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/17/59-12/17/59	1	75.	75.	75.	75.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/17/59-12/17/59	1	300.	300.	300.	300.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/17/59-12/17/59	1	446.	446.	446.	446.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0013

NPS Station ID: INDU0013
LAT/LON: 41.589670/ -86.898476
Agency: 12PURDUE
Date Created: 06/08/78
Location: MICHIGAN CITY POND
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 001MCP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001003503.19
RF3 Mile Point: 4.25
Distance from RF3: 0.40
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF MICHIGAN CITY POND, ADJACENT TO INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/73-06/22/73	2	0.43	0.43	0.48	0.38	0.005	0.071	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/73-06/22/73	2	65.	65.	74.	56.	162.	12.728	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/73-06/22/73	2	158.75	158.75	180.5	137.	946.125	30.759	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0014

NPS Station ID: INDU0014
LAT/LON: 41.589587/ -86.898531
Agency: 12PURDUE
Date Created: 06/05/78
Location: MICHIGAN CITY POND
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 002MCP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001033000.00
RF3 Mile Point: 0.91
Distance from RF3: 0.21
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF MICHIGAN CITY POND, ADJACENT TO INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/73-06/22/73	2	0.47	0.47	0.48	0.46	0.	0.014	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/73-06/22/73	2	68.	68.	69.	67.	2.	1.414	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/73-06/22/73	2	174.	174.	185.	163.	242.	15.556	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0015

NPS Station ID: INDU0015
LAT/LON: 41.596948/ -86.898616
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR04W05 SENE SG
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413549086535501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001033000.00
RF3 Mile Point: 0.91
Distance from RF3: 0.16
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/55-12/17/59	2	210.5	210.5	216.	205.	60.5	7.778	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	06/01/55-12/17/59	2	4.	4.	8.	0.	32.	5.657	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/01/55-12/17/59	2	276.5	276.5	329.	224.	5512.5	74.246	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/55-12/17/59	2	7.5	7.5	12.	3.	40.5	6.364	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/01/55-12/17/59	2	82.5	82.5	125.	40.	3612.5	60.104	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/01/55-12/17/59	2	1050.	1050.	2000.	100.	1805000.	1343.503	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/01/55-12/17/59	2	341.5	341.5	388.	295.	4324.5	65.761	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0016

NPS Station ID: INDU0016
LAT/LON: 41.589170/ -86.898616
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR04W08 NENE S
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413521086535501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001033000.00
RF3 Mile Point: 0.91
Distance from RF3: 0.16
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/17/59-12/17/59	1	288.	288.	288.	288.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	12/17/59-12/17/59	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/17/59-12/17/59	1	325.	325.	325.	325.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/17/59-12/17/59	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/17/59-12/17/59	1	65.	65.	65.	65.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/17/59-12/17/59	1	300.	300.	300.	300.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/17/59-12/17/59	1	402.	402.	402.	402.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0016

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0017

NPS Station ID: INDU0017
LAT/LON: 41.589504/ -86.898616
Agency: 12PURDUE
Date Created: 06/05/78
Location: MICHIGAN CITY POND
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 003MCP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001033000.00
RF3 Mile Point: 0.91
Distance from RF3: 0.21
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF MICHIGAN CITY POND, ADJACENT TO INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/73-06/22/73	2	0.565	0.565	0.72	0.41	0.048	0.219	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/73-06/22/73	2	75.5	75.5	82.	69.	84.5	9.192	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/73-06/22/73	2	202.5	202.5	205.	200.	12.5	3.536	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0018

NPS Station ID: INDU0018
LAT/LON: 41.589393/ -86.898727
Agency: 12PURDUE
Date Created: 06/05/78
Location: MICHIGAN CITY POND
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 004MCP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001033000.00
RF3 Mile Point: 0.91
Distance from RF3: 0.22
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF MICHIGAN CITY POND, ADJACENT TO INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/73-06/22/73	2	1.02	1.02	1.13	0.91	0.024	0.156	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/73-06/22/73	2	68.5	68.5	126.	11.	6612.5	81.317	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/73-06/22/73	2	223.5	223.5	251.	196.	1512.5	38.891	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0019

NPS Station ID: INDU0019
LAT/LON: 41.589476/ -86.899087
Agency: 12PURDUE
Date Created: 06/05/78
Location: MICHIGAN CITY POND
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 008MCP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001033000.00
RF3 Mile Point: 0.91
Distance from RF3: 0.23
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF MICHIGAN CITY POND, ADJACENT TO INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/73-06/22/73	2	0.68	0.68	0.94	0.42	0.135	0.368	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/73-06/22/73	2	47.5	47.5	53.	42.	60.5	7.778	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/73-06/22/73	2	165.5	165.5	176.	155.	220.5	14.849	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0020

NPS Station ID: INDU0020
LAT/LON: 41.589559/ -86.898893
Agency: 12PURDUE
Date Created: 06/05/78
Location: MICHIGAN CITY POND
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 007MCP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001033000.00
RF3 Mile Point: 0.91
Distance from RF3: 0.25
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF MICHIGAN CITY POND, ADJACENT TO INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	1	0.88	0.88	0.88	0.88	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	1	104.	104.	104.	104.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	1	222.	222.	222.	222.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0021

NPS Station ID: INDU0021 LAT/LON: 41.723059/ -86.898893 Agency: 1115GLSB Date Created: 04/03/82
Location: TRAIL CREEK, APPROXIMATELY .7 MILE UPST OF MOUTH FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MCH75-07 /MCH75-07S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04040001002 RF1 Mile Point: 10.670 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 04040001000215.42 RF3 Mile Point: 17.26 Distance from RF3: 0.06 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE MICHIGAN CITY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE TRAIL CREEK, NORTH SIDE OF CHANNEL, APPROXIMATELY

Parameter Inventory for Station: INDU0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	1	254000.	254000.	254000.	254000.	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	1	15000.	15000.	15000.	15000.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	1	380.	380.	380.	380.	0.	0.	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	1	5400.	5400.	5400.	5400.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	1	4700.	4700.	4700.	4700.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	1	9900.	9900.	9900.	9900.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	1	280.	280.	280.	280.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	61.	61.	61.	61.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	290.	290.	290.	290.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	1	215.	215.	215.	215.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	1	325.	325.	325.	325.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	1	690.	690.	690.	690.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	1	2340.	2340.	2340.	2340.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	1	25000.	25000.	25000.	25000.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	1	15.8	15.8	15.8	15.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0022

NPS Station ID: INDU0022
LAT/LON: 41.589559/ -86.899226
Agency: 12PURDUE
Date Created: 06/05/78
Location: MICHIGAN CITY POND
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 006MCP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001033000.00
RF3 Mile Point: 0.91
Distance from RF3: 0.26
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF MICHIGAN CITY POND, ADJACENT TO INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/73-06/22/73	2	0.695	0.695	0.84	0.55	0.042	0.205	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/73-06/22/73	2	87.5	87.5	102.	73.	420.5	20.506	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/73-06/22/73	2	189.5	189.5	196.	183.	84.5	9.192	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0023

NPS Station ID: INDU0023
LAT/LON: 41.589670/ -86.899449
Agency: 12PURDUE
Date Created: 06/05/78
Location: MICHIGAN CITY POND
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 005MCP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001033000.00
RF3 Mile Point: 0.91
Distance from RF3: 0.22
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF MICHIGAN CITY POND, ADJACENT TO INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/20/73-06/22/73	2	0.515	0.515	0.55	0.48	0.002	0.049	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/20/73-06/22/73	2	101.	101.	102.	100.	2.	1.414	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/20/73-06/22/73	2	115.5	115.5	116.	115.	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0024

NPS Station ID: INDU0024 | LAT/LON: 41.589615/ -86.899505 | Agency: 12PURDUE | Date Created: 06/05/78
Location: MICHIGAN CITY POND | | FIPS State/County: 18091 INDIANA/LA PORTE |
Station Type: /TYPA/AMBNT/LAKE | | STORET Station ID(s): 009MCP |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 04040001 | Depth of Water: 3276 | Aquifer: |
Major Basin: LAKE MICHIGAN | Elevation: 0 | Water Body Id: |
Minor Basin: GALIEN | | ECO Region: |
RF1 Index: 04040001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 04040001033000.00 | RF3 Mile Point: 0.91 | Distance from RF3: 0.23 | On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF MICHIGAN CITY POND, ADJACENT TO INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	1	103.	103.	103.	103.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	1	211.	211.	211.	211.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0025

NPS Station ID: INDU0025 LAT/LON: 41.716670/ -86.900004 Agency: 1115GLSB Date Created: 08/21/82
Location: TRAIL CREEK WITHIN 0.25 MILE OF LAKE MICHIGAN FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): FISHM3
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: BEAR ECO Region:
RF1 Index: 04040001002 RF1 Mile Point: 10.670 Distance from RF1: 1.30 On/Off RF1: OFF
RF3 Index: 04040001050100.00 RF3 Mile Point: 0.54 Distance from RF3: 0.42 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE GAME FISH (COHO SALMON) FILLET MONITORING STUDY.
SAMPLES ANALYZED FOR TOXICS. FOR INFORMATION, CONTACT: DAVE DEVAULT EPA GLNPO (312) 353-1378.
SAMPLES TAKEN FROM TRAIL CREEK WITHIN 0.25 MILE OF LAKE MICHIGAN BUT ARE

Parameter Inventory for Station: INDU0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00023	SAMPLE WEIGHT IN POUNDS	10/05/80-10/05/80	3	7.69	7.63	9.15	6.05	2.405	1.551	**	**	**	**
00024	SAMPLE LENGTH IN INCHES	10/05/80-10/05/80	3	27.16	26.62	27.94	24.76	2.747	1.657	**	**	**	**
34669	PCB - 1248 WET WGTTISMG/KG	10/05/80-10/05/80	3	0.35	0.357	0.42	0.3	0.004	0.06	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	10/05/80-10/05/80	3	0.32	0.33	0.39	0.28	0.003	0.056	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	10/05/80-10/05/80	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/05/80-10/05/80	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	10/15/80-10/15/80	3	1.3	1.32	1.55	1.11	0.049	0.221	**	**	**	**
34691	TOXAPHENE WET WGTTISMG/KG	10/15/80-10/15/80	3	1.4	1.5	1.7	1.4	0.03	0.173	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/05/80-10/05/80	3	0.06	0.063	0.07	0.06	0.	0.006	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/05/80-10/05/80	3	0.04	0.043	0.05	0.04	0.	0.006	**	**	**	**
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/05/80-10/05/80	3	0.05	0.053	0.06	0.05	0.	0.006	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/05/80-10/05/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	10/05/80-10/05/80	3	0.05	0.047	0.05	0.04	0.	0.006	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	10/05/80-10/05/80	3	0.57	0.667	0.98	0.45	0.077	0.278	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	10/05/80-10/05/80	3	0.08	0.07	0.1	0.03	0.001	0.036	**	**	**	**
39407	TOXAPHENE IN FISH OR ANIMAL(UG/KG WET WEIGHT)	10/05/80-10/05/80	3	1.4	1.5	1.7	1.4	0.03	0.173	**	**	**	**
39512	PCB - 1254 IN FISH OR ANIMALS WET WGT UG/KG	10/05/80-10/05/80	3	1.3	1.32	1.55	1.11	0.049	0.221	**	**	**	**
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	10/05/80-10/05/80	3	0.07	0.08	0.1	0.07	0.	0.017	**	**	**	**
79027	OCTACHLOR EPOXIDE IN FISH WET WGT MG/KG	10/05/80-10/05/80	3	0.01	0.013	0.02	0.01	0.	0.006	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	10/05/80-10/05/80	3	5.	5.	5.	5.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	10/05/80-10/05/80	3	1.	1.	1.	1.	0.	0.	**	**	**	**
82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	10/05/80-10/05/80	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0026

NPS Station ID: INDU0026 LAT/LON: 41.722781/ -86.901392 Agency: 1115GLSB Date Created: 04/03/82
Location: TRAIL CREEK, APPROXIMATELY .6 MILE UPST OF MOUTH FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MCH75-06 /MCH75-06S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04040001002 RF1 Mile Point: 10.670 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 04040001000215.42 RF3 Mile Point: 17.15 Distance from RF3: 0.04 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE MICHIGAN CITY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE TRAIL CREEK, SOUTH SIDE OF CHANNEL, APPROXIMATELY

Parameter Inventory for Station: INDU0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	1	274000.	274000.	274000.	274000.	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	1	12000.	12000.	12000.	12000.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	1	460.	460.	460.	460.	0.	0.	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	1	4200.	4200.	4200.	4200.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	1	3900.	3900.	3900.	3900.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	1	13000.	13000.	13000.	13000.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	45.	45.	45.	45.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	1	240.	240.	240.	240.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	1	680.	680.	680.	680.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	1	27000.	27000.	27000.	27000.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	1	17.4	17.4	17.4	17.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0027

NPS Station ID: INDU0027
LAT/LON: 41.698059/ -86.902226
Agency: 112WRD
Date Created: 03/16/79
Location: STREIBIL ARM @ HITCHCOCK RD MICH CITY IND
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 414153086540801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001003502.39
RF3 Mile Point: 2.38
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/78-07/11/80	8	16.45	14.388	27.8	1.1	83.324	9.128	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/78-07/11/80	8	742.	758.625	904.	707.	3920.839	62.617	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/02/78-07/11/80	8	8.45	8.2	11.	3.6	5.957	2.441	**	**	**	**
00400	PH (STANDARD UNITS)	10/02/78-07/11/80	8	7.65	7.75	8.7	7.1	0.203	0.45	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/02/78-07/11/80	8	7.647	7.591	8.7	7.1	0.232	0.481	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/78-07/11/80	8	0.023	0.026	0.079	0.002	0.001	0.023	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/26/79-08/26/79	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/15/78-07/11/80	3	190.	183.333	200.	160.	433.333	20.817	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/26/79-07/11/80	2	6.955	6.955	13.2	0.71	78.	8.832	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/26/79-07/11/80	2	8.835	8.835	16.8	0.87	126.882	11.264	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	2	0.93	0.93	0.98	0.88	0.005	0.071	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/15/78-07/11/80	3	0.61	0.66	0.78	0.59	0.011	0.104	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/15/78-07/11/80	3	0.03	0.18	0.49	0.02	0.072	0.269	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/15/78-07/11/80	3	0.8	0.84	1.1	0.62	0.059	0.242	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/15/78-07/11/80	3	0.2	0.233	0.3	0.2	0.003	0.058	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/15/78-07/11/80	3	0.03	0.03	0.06	0.	0.001	0.03	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/15/78-07/11/80	3	0.05	0.072	0.16	0.005	0.006	0.08	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/15/78-07/11/80	3	0.01	0.012	0.02	0.005	0.	0.008	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/15/78-07/11/80	3	8.6	8.167	10.	5.9	4.343	2.084	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/15/78-07/11/80	3	230.	206.667	230.	160.	1633.333	40.415	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/15/78-07/11/80	3	29.	34.	73.	0.	1351.	36.756	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/15/78-07/11/80	3	57.	52.	62.	37.	175.	13.229	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/15/78-07/11/80	3	19.	18.667	21.	16.	6.333	2.517	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/15/78-07/11/80	3	70.	69.667	79.	60.	90.333	9.504	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/15/78-07/11/80	3	2.	2.133	2.7	1.7	0.263	0.513	**	**	**	**
00932	SODIUM, PERCENT	11/15/78-07/11/80	3	49.	45.333	51.	36.	66.333	8.145	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/26/79-08/26/79	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/15/78-07/11/80	3	4.	3.933	4.1	3.7	0.043	0.208	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/15/78-07/11/80	3	97.	96.667	120.	73.	552.333	23.502	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/15/78-07/11/80	3	52.	53.333	78.	30.	577.333	24.028	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/15/78-07/11/80	3	0.4	0.467	0.6	0.4	0.013	0.115	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/15/78-07/11/80	3	9.	8.2	10.	5.6	5.32	2.307	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/15/78-08/26/79	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/15/78-08/26/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/15/78-08/26/79	2	10.	10.	10.	10.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/15/78-08/26/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/15/78-08/26/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/15/78-07/11/80	3	80.	120.	240.	40.	11200.	105.83	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/15/78-08/26/79	2	55.	55.	60.	50.	50.	7.071	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/15/78-07/11/80	3	20.	123.333	330.	20.	32033.333	178.979	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/15/78-08/26/79	2	130.	130.	130.	130.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/78-08/23/79	4	112.5	236.25	710.	10.	102289.583	319.827	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/78-08/23/79	4	2.046	1.986	2.851	1.	0.579	0.761	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			96.768								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/23/79	4	230.	6870.	27000.	20.	180112866.667	13420.613	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/23/79	4	2.316	2.591	4.431	1.301	1.761	1.327	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			390.133								
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/15/78-08/26/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/15/78-08/26/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/15/78-08/26/79	2	13.	13.	17.	9.	32.	5.657	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/15/78-08/26/79	2	154.5	154.5	260.	49.	22260.5	149.2	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/15/78-08/26/79	2	130.	130.	260.	0.	33800.	183.848	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/15/78-08/26/79	2	116.	116.	150.	82.	2312.	48.083	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/15/78-08/26/79	2	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/15/78-08/26/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/15/78-08/26/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/15/78-08/26/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/15/78-08/26/79	2	0.1	0.1	0.2	0.	0.02	0.141	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/15/78-08/26/79	2	30.5	30.5	41.	20.	220.5	14.849	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/15/78-07/11/80	3	399.	414.667	460.	385.	1590.333	39.879	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/15/78-07/11/80	3	0.54	0.563	0.63	0.52	0.003	0.059	**	**	**	**
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/26/79-07/11/80	2	121.55	121.55	161.	82.1	3112.605	55.791	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/26/79-07/11/80	2	12.15	12.15	22.3	2.	206.045	14.354	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/26/79-07/11/80	2	2.05	2.05	3.9	0.2	6.845	2.616	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/15/78-07/11/80	3	0.04	0.233	0.63	0.03	0.118	0.344	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0027

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	8	1	0.13	2	0	0.00	1	0	0.00	4	1	0.25	1	0	0.00
00400	PH	Other-Hi Lim.	9.	8	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	1	0.25	1	0	0.00	1	1	1.00	1	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0028

NPS Station ID: INDU0028 LAT/LON: 41.718060/ -86.902781 Agency: 12R5DRNK Date Created: 12/22/79
Location: LAKE MICHIGAN AT MICHIGAN CITY; WATER SUPPLY SOU FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): IND019
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: ST. JOSEPH RIVER ECO Region:
RF1 Index: 04040001002 RF1 Mile Point: 10.370 Distance from RF1: 14.00 On/Off RF1: ON
RF3 Index: 04040001047500.00 RF3 Mile Point: 1.75 Distance from RF3: 0.35 On/Off RF3:
Description:
DATA FROM REGION V SURVEY OF DRINKING WATER SUPPLIES SAMPLES ANALYZED FOR METALS, PESTICIDES AND ORGANICS-SAMPLE TAKEN FROM
LAKE MICHIGAN AT MICHIGAN CITY; WATER SUPPLY SOURCE INDUSTRIAL EFFLUENTS AFFECT THE SOURCE

Parameter Inventory for Station: INDU0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/03/75-02/03/75	1	301.	301.	301.	301.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	02/03/75-02/03/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	02/03/75-02/03/75	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/03/75-02/03/75	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/75-02/03/75	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/03/75-02/03/75	1	114.	114.	114.	114.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/03/75-02/03/75	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/03/75-02/03/75	1	0.075	0.075	0.075	0.075	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/03/75-02/03/75	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/03/75-02/03/75	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/03/75-02/03/75	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/03/75-02/03/75	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/03/75-02/03/75	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/03/75-02/03/75	1	135.	135.	135.	135.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	02/03/75-02/03/75	1	35.5	35.5	35.5	35.5	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	02/03/75-02/03/75	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	02/03/75-02/03/75	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	02/03/75-02/03/75	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/03/75-02/03/75	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/03/75-02/03/75	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	02/03/75-02/03/75	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	02/03/75-02/03/75	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/03/75-02/03/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/03/75-02/03/75	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/03/75-02/03/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/03/75-02/03/75	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/03/75-02/03/75	1	68.	68.	68.	68.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	02/03/75-02/03/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/03/75-02/03/75	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	02/03/75-02/03/75	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/03/75-02/03/75	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	02/03/75-02/03/75	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	02/03/75-02/03/75	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	02/03/75-02/03/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	02/03/75-02/03/75	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	02/03/75-02/03/75	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	02/03/75-02/03/75	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/03/75-02/03/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	02/03/75-02/03/75	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	02/03/75-02/03/75	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	02/03/75-02/03/75	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39030	TREFLAN, MICROCOULOMETRIC,WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39150	DICHLONE (2,3-DICHLORO-1,4-NAPHTHOQUINONE) UG/L	02/03/75-02/03/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	02/03/75-02/03/75	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	02/03/75-02/03/75	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	02/03/75-02/03/75	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39357	RONNEL IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39430	ISODRIN IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39460	CHLOROBENZILATE IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	02/03/75-02/03/75	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39770	DACTHAL (DCPA) IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
39808	TEDION(TETRADIFON) IN WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/03/75-02/03/75	1	220.	220.	220.	220.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	02/03/75-02/03/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
81285	ZYTRON(C10H14CL2NO2PS) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
81287	DNBP(C10H12N2O5) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81289	PHENCAPTON(C11H15CL2O2PS3) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81290	EPN(C14H14NO4PS) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81291	PHOSALONE TOTAL WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81292	AZINPHOSETHYL C12H16N3O3PS2WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81293	COUMAPHOS(C14H16CLO5PS) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81294	DYFONATE(CU/H15OPS2) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81295	DEF(C12H27OPS3) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81303	NITROFEN(C12H7CL2NO3) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
81304	PROLAN(C15H13CL2NO2) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81305	BULAN(C16H15CL2NO2) WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81328	DICHLOROETHENE WHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
81346	DIETHYLHEXYLPHTHALATE ISOMRWHOLE WATER SAMPLE UG/L	02/03/75-02/03/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
81403	DURSBAN(CHLOROPYRIFOS)WHOLE WATER SAMPLE (UG/L)	02/03/75-02/03/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0028

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00403	PH, LAB	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00				1	0	0.00						
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00				1	0	0.00						
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00				1	0	0.00						
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00				1	0	0.00						
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00				1	0	0.00						
		Drinking Water	0.2	1	0	0.00				1	0	0.00						
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00				1	0	0.00						
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00				1	0	0.00						
		Drinking Water	0.2	1	0	0.00				1	0	0.00						
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00				1	0	0.00						
		Drinking Water	0.2	1	0	0.00				1	0	0.00						
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00				1	0	0.00						
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	1	0	0.00				1	0	0.00						
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00				1	0	0.00						
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00				1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
81287	DNBP(C10H12N2O5), WHOLE WATER SAMPLE	Drinking Water	7.	1	0	0.00				1	0	0.00						
81403	DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMP	Fresh Acute	0.083	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0029

NPS Station ID: INDU0029 LAT/LON: 41.722503/ -86.903615 Agency: 1115GLSB Date Created: 04/03/82
Location: TRAIL CREEK, APPROXIMATELY .5 MILE UPST OF MOUTH FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MCH75-05 /MCH75-05S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04040001002 RF1 Mile Point: 10.670 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 04040001000215.42 RF3 Mile Point: 17.13 Distance from RF3: 0.02 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE MICHIGAN CITY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE TRAIL CREEK, NORTH SIDE OF CHANNEL, APPROXIMATELY

Parameter Inventory for Station: INDU0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	1	309000.	309000.	309000.	309000.	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	1	15000.	15000.	15000.	15000.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	1	390.	390.	390.	390.	0.	0.	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	1	7100.	7100.	7100.	7100.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	1	6300.	6300.	6300.	6300.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	1	9800.	9800.	9800.	9800.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	1	275.	275.	275.	275.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	81.	81.	81.	81.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	320.	320.	320.	320.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	1	180.	180.	180.	180.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	1	810.	810.	810.	810.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	1	2050.	2050.	2050.	2050.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	1	25000.	25000.	25000.	25000.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	1	19.9	19.9	19.9	19.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0030

NPS Station ID: INDU0030 LAT/LON: 41.722503/ -86.904448 Agency: 21IND Date Created: / /
Location: TRAIL CREEK AT MICHIGAN CITY AT MI PT 0.5 FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 174337 /TC .3 /TC .5
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: TRAIL CREEK ECO Region:
RF1 Index: 04040001002 RF1 Mile Point: 10.670 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 04040001047300.00 RF3 Mile Point: 0.90 Distance from RF3: 0.03 On/Off RF3:
Description:
STATION LOCATION IS ON THE FRANKLIN STREET BRIDGE, 1.3 MILES BELOW THE MICHIGAN CITY STP AT MILE PT 0.5 SITE MICHIGAN CITY, INDIANA.

Parameter Inventory for Station: INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	196	14.75	13.801	29.5	-1.	53.88	7.34	3.7	7.	20.	23.
00023	SAMPLE WEIGHT IN POUNDS	09/11/79-11/02/88	56	1.225	2.074	20.08	0.04	9.679	3.111	0.067	0.218	2.908	3.729
00024	SAMPLE LENGTH IN INCHES	09/11/79-11/02/88	57	14.5	13.545	31.1	3.46	40.647	6.376	4.306	6.4	17.72	19.49
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/80-11/28/90	87	17.	64.339	800.	2.5	15334.503	123.833	5.	9.	50.	200.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/18/73-12/17/75	38	1.	1.579	8.	1.	1.71	1.308	1.	1.	2.	2.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	195	440.	449.01	722.	184.	11730.268	108.306	310.	370.	540.	590.
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	195	8.2	7.954	14.	1.3	7.477	2.734	4.26	5.7	9.8	12.1
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	164	1.9	2.229	11.	0.5	1.943	1.394	1.	1.4	2.7	3.6
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	201	16.	18.174	100.	1.	105.95	10.293	9.	12.	23.	30.
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	163	7.6	7.565	8.5	6.4	0.127	0.356	7.1	7.4	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	163	7.6	7.411	8.5	6.4	0.15	0.388	7.1	7.4	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	163	0.025	0.039	0.398	0.003	0.002	0.043	0.01	0.016	0.04	0.079
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	201	7.6	7.574	8.5	6.1	0.122	0.35	7.2	7.4	7.8	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	201	7.6	7.389	8.5	6.1	0.156	0.395	7.2	7.4	7.8	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	201	0.025	0.041	0.794	0.003	0.005	0.074	0.01	0.016	0.04	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	127	158.	156.795	219.	73.	805.99	28.39	123.6	134.	180.	191.6
00500	RESIDUE, TOTAL (MG/L)	04/21/82-07/28/92	82	341.5	347.768	506.	209.	4481.835	66.947	254.6	295.75	408.5	424.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	201	13.	19.572	244.	1.	701.966	26.495	5.	8.	21.	33.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/18/73-11/10/76	49	5.	5.306	20.	1.	16.259	4.032	1.	2.	7.	11.
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	07/15/86-03/29/88	11	1.	2.773	16.	0.	20.168	4.491	0.1	1.	3.	13.4
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/18/73-08/23/89	55	3.6	5.798	29.	0.5	40.284	6.347	1.06	2.	6.4	13.4
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/18/73-05/06/76	40	0.3	0.36	2.	0.1	0.128	0.357	0.1	0.1	0.4	0.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	201	0.4	0.633	3.1	0.005	0.368	0.606	0.1	0.2	0.95	1.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	134	0.9	1.015	3.7	0.1	0.332	0.576	0.4	0.6	1.3	1.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	201	0.7	0.909	3.1	0.05	0.399	0.632	0.3	0.5	1.2	2.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	202	0.1	0.136	1.6	0.007	0.028	0.169	0.04	0.06	0.16	0.22
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/19/80-06/18/85	51	5.3	6.251	16.2	1.8	9.535	3.088	2.78	4.2	8.1	10.46
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	202	0.005	0.011	0.38	0.001	0.001	0.032	0.003	0.003	0.007	0.018
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	127	218.	216.213	306.	97.	1506.153	38.809	166.8	188.	246.	264.2
00910	CALCIUM (MG/L AS CACO3)	07/23/91-07/23/91	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	108	17.	18.608	35.	5.1	52.093	7.218	9.54	13.	24.	30.
00937	POTASSIUM, TOTAL MG/L AS K)	01/18/73-11/19/85	51	3.	2.863	4.4	2.	0.447	0.669	2.	2.	3.	4.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	201	26.	27.239	60.	8.	117.153	10.824	14.	18.	35.	42.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	130	51.5	49.685	80.	6.	249.458	15.794	29.	36.	62.	71.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/18/73-07/28/92	121	0.2	0.236	1.3	0.05	0.02	0.141	0.1	0.2	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/85-07/28/92	70	7.	6.324	13.	0.15	8.915	2.986	2.	4.	8.125	10.
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	01/18/73-11/02/77	54	10.	8.611	10.	5.	5.11	2.261	5.	5.	10.	10.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	144	1.	1.18	5.	0.1	0.444	0.666	0.7	0.9	1.	2.
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/11/79-09/25/86	10	0.065	0.09	0.22	0.03	0.005	0.07	0.03	0.03	0.165	0.216
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	65	40.	42.	70.	20.	110.	10.488	30.	40.	50.	50.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	197 ##	2.	4.438	100.	0.2	60.249	7.762	1.	1.	7.5	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	165 ##	5.	7.091	15.	5.	6.425	2.535	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	197 ##	5.	9.371	70.	2.	74.051	8.605	5.	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	197	7.	10.706	50.	1.	86.148	9.282	2.	4.	20.	20.
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	169	700.	1039.822	11000.	100.	1941049.373	1393.215	260.	405.	1200.	1600.
01046	IRON, DISSOLVED (UG/L AS FE)	05/20/86-03/25/92	44	120.	199.432	1500.	25.	74700.251	273.313	40.	60.	200.	335.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	197	10.	13.964	80.	3.	151.157	12.295	3.	5.	20.	30.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	164	110.	111.372	530.	20.	5098.26	71.402	40.	60.	140.	180.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	169	4.	6.233	40.	0.02	70.192	8.378	0.02	2.	10.	10.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	65 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	169	40.	58.343	230.	10.	2334.143	48.313	20.	20.	75.	130.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	64 ##	0.25	0.273	1.	0.1	0.016	0.128	0.2	0.2	0.25	0.425
01503	ALPHA, DISSOLVED	10/21/81-10/21/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/21/81-10/21/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/21/81-10/21/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	10/21/81-10/21/81	1	3.	3.	3.	3.	0.	0.	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	10/21/81-10/21/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	10/21/81-10/21/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/24/81-06/08/82	3	42000.	50666.667	73000.	37000.	380333333.333	19502.137	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/24/81-06/08/82	3	4.623	4.685	4.863	4.568	0.025	0.157	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			48408.834								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	152	970.	4273.375	69000.	10.	84271302.342	9179.94	23.	182.5	4250.	9770.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	152	2.987	2.896	4.839	1.	0.905	0.952	1.354	2.261	3.628	3.99
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			786.777								
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/28/92	47	260.	993.191	7900.	10.	2639661.332	1624.703	48.	160.	810.	3300.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/28/92	47	2.415	2.549	3.898	1.	0.413	0.643	1.68	2.204	2.908	3.516
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			354.162								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/18/73-11/10/76	49	3.	3.357	7.	1.	4.187	2.046	1.	1.	5.	6.
34204	ACENAPHTHYLENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34209	ACENAPHTHENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34224	ANTHRACENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34238	BENZENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.005	0.005	0.007	0.003	0.	0.003	**	**	**	**
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34251	BENZO-A-PYRENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34258	B-BHC-BETA WET WGTTISMG/KG	09/19/84-11/02/88	12	0.004	0.013	0.103	0.001	0.001	0.029	0.001	0.001	0.01	0.076
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	09/19/84-11/02/88	6 ##	0.004	0.004	0.01	0.001	0.	0.003	**	**	**	**
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34291	BROMOFORM WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34305	CHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34315	CHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34319	CHLOROFORM WET WGTTISMG/KG	11/02/88-11/02/88	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34324	CHRYSENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34375	ETHYLBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34380	FLUORANTHENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34385	FLUORENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34400	HEXACHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34412	ISOPHORONE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34417	METHYL BROMIDE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34422	METHYL CHLORIDE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34427	METHYLENE CHLORIDE WET WGTTISMG/KG	11/02/88-11/02/88	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34446	NAPHTHALENE WET WGTTISMG/KG	11/02/88-11/02/88	1 ##	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
34451	NITROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34465	PHENANTHRENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34468	PHENOL WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34473	PYRENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34484	TOLUENE WET WGTTISMG/KG	11/02/88-11/02/88	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34590	2-CHLOROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34595	2-NITROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34620	2,4-DINITROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	2.4	2.4	3.2	1.6	1.28	1.131	**	**	**	**
34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.975	0.975	1.3	0.65	0.211	0.46	**	**	**	**
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34650	4-NITROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	2.4	2.4	3.2	1.6	1.28	1.131	**	**	**	**
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	2.4	2.4	3.2	1.6	1.28	1.131	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	11/02/88-11/02/88	2 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	09/11/79-11/02/88	16	0.016	0.039	0.203	0.001	0.003	0.055	0.001	0.002	0.068	0.132
34687	HEPTACHLOR WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.009	0.009	0.009	0.008	0.	0.001	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	09/19/84-11/02/88	12	0.039	0.117	0.65	0.002	0.037	0.191	0.003	0.005	0.116	0.554
34691	TOXAPHENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34692	TRICHLOROETHYLENE WET WGTTISMG/KG	11/02/88-11/02/88	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34693	VINYL CHLORIDE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	11/02/88-11/02/88	2 ##	2.4	2.4	3.2	1.6	1.28	1.131	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	09/11/79-11/02/88	22	0.13	0.517	2.361	0.004	0.395	0.628	0.006	0.04	0.895	1.336
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	09/11/79-11/02/88	22	0.11	0.341	1.933	0.004	0.233	0.483	0.005	0.018	0.489	1.133
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	09/11/79-09/25/86	20	0.157	0.23	0.926	0.005	0.063	0.252	0.005	0.015	0.424	0.52

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	09/11/79-09/25/86	20	0.198	0.48	2.303	0.014	0.406	0.637	0.015	0.029	0.682	1.471
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	09/19/84-11/02/88	10	0.004	0.007	0.026	0.001	0.	0.008	0.001	0.002	0.011	0.025
39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	09/19/84-09/25/86	8	0.007	0.007	0.016	0.001	0.	0.006	**	**	**	**
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	01/18/73-05/06/76	19	0.5	0.483	0.68	0.25	0.008	0.092	0.25	0.5	0.5	0.5
39105	PERCENT FAT HEXANE EXTRACTION	09/11/79-11/02/88	12	4.45	5.683	19.4	0.8	28.174	5.308	0.86	1.575	6.625	17.15
39302	P P DDT IN TISSUE WET WGT (UG/G)	09/11/79-11/02/88	9	0.005	0.011	0.04	0.002	0.	0.013	0.002	0.003	0.02	0.04
39303	P P DDT IN TISSUE, FAT BASIS (UG/G)	09/11/79-09/25/86	7	0.21	0.501	2.23	0.03	0.622	0.789	**	**	**	**
39307	O P DDT IN TISSUE WET WGT (UG/G)	11/02/88-11/02/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	09/11/79-09/25/86	10	0.075	0.084	0.19	0.03	0.003	0.051	0.03	0.045	0.115	0.184
39313	P P DDD IN TISSUE, FAT BASIS (UG/G)	09/11/79-09/25/86	10	1.315	1.976	6.06	0.64	2.86	1.691	0.649	0.775	2.67	5.79
39317	P,P' DDT IN FISH OR ANIMAL BY WET WEIGHT UG/KG	11/02/88-11/02/88	2 ##	0.023	0.023	0.04	0.005	0.001	0.025	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/11/79-11/02/88	12	0.04	0.203	1.38	0.02	0.156	0.395	0.023	0.03	0.145	1.119
39323	P P DDE IN TISSUE, FAT BASIS (UG/G)	09/11/79-09/25/86	10	1.01	2.073	7.14	0.59	5.033	2.243	0.592	0.61	2.785	6.931
39325	O,P DDD IN TISSUE WET WGT (UG/G)	11/02/88-11/02/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39329	O,P DDE IN TISSUE, WET WGT(UG/G)	09/19/84-09/19/84	2	0.014	0.014	0.026	0.001	0.	0.018	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/11/79-11/02/88	12	0.02	0.022	0.07	0.005	0.	0.018	0.006	0.009	0.028	0.061
39405	DIELDRIN IN TISSUE, FAT BASIS (UG/G)	09/11/79-09/25/86	10	0.365	0.575	2.03	0.16	0.317	0.563	0.161	0.178	0.723	1.915
39515	PCBS (MG/KG) FISH TISSUE MG/KG	09/11/79-11/02/88	22	3.949	8.107	39.455	0.117	119.85	10.948	0.182	0.498	10.881	29.403
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/18/73-05/06/76	20	0.01	0.013	0.03	0.005	0.	0.008	0.006	0.01	0.01	0.03
39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	11/02/88-11/02/88	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	11/02/88-11/02/88	2 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
45511	XYLENE TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	2	0.019	0.019	0.028	0.009	0.	0.013	**	**	**	**
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/28/92	58	36514.5	32645.241	90021.	10006.	294638835.239	17165.047	10465.9	13003.5	41816.	43053.1
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/14/86-12/16/86	10	280.	281.8	368.	179.	3564.4	59.703	182.1	240.	329.25	366.9
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	199	0.1	0.106	1.3	0.05	0.014	0.119	0.05	0.05	0.1	0.2
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/11/79-11/02/88	12	0.055	0.061	0.12	0.03	0.001	0.027	0.03	0.04	0.07	0.114
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/11/79-11/02/88	12 ##	0.195	0.261	0.98	0.035	0.084	0.29	0.038	0.059	0.273	0.899
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/11/79-09/25/86	10	1.25	1.089	1.62	0.33	0.241	0.491	0.338	0.493	1.465	1.618
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/24/86-09/25/86	3	13.9	22.233	40.7	12.1	256.573	16.018	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/11/79-09/25/86	10	0.455	0.513	0.98	0.2	0.066	0.256	0.203	0.328	0.737	0.967
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/11/79-11/02/88	12	0.065	0.079	0.28	0.005	0.006	0.079	0.007	0.023	0.087	0.25
76031	ACETONE TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	2	0.21	0.21	0.29	0.13	0.013	0.113	**	**	**	**
76050	METHYL ETHYL KETONE TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	2 ##	0.012	0.012	0.018	0.005	0.	0.009	**	**	**	**
76138	2-HEXANONE TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
76141	METHYL ISOBUTYL KETONE TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
76164	STYRENE TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
76184	BENZYL ALCOHOL TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	1 ##	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
76287	BENZOIC ACID TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	2 ##	2.4	2.4	3.2	1.6	1.28	1.131	**	**	**	**
76619	DIBENZOFURAN TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
78211	ENDRIN KETONE IN FISH TISSUE WETWTMG/KG	11/02/88-11/02/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	11/02/88-11/02/88	2 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	11/02/88-11/02/88	2 ##	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/11/79-11/02/88	78	1.	1.936	5.	1.	2.606	1.614	1.	1.	2.25	5.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	09/11/79-09/12/79	6	1.	1.	1.	1.	0.	0.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	11/02/88-11/02/88	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	11/02/88-11/02/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	09/11/79-11/02/88	22	0.032	0.374	5.18	0.004	1.206	1.098	0.004	0.007	0.31	0.809
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	09/11/79-11/02/88	22	0.022	0.115	0.565	0.003	0.029	0.171	0.003	0.005	0.164	0.42
85759	NITROANILINE, 2- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	2 ##	2.4	2.4	3.2	1.6	1.28	1.131	**	**	**	**
85760	CHLORANILINE, 4- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	2 ##	0.49	0.49	0.65	0.33	0.051	0.226	**	**	**	**
85761	VINYL ACETATE, TISSUE, WET WT, MG/KG	11/02/88-11/02/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
85762	NITROANILINE, 4- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	2 ##	2.4	2.4	3.2	1.6	1.28	1.131	**	**	**	**
85763	NITROANILINE, 3- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	2 ##	2.4	2.4	3.2	1.6	1.28	1.131	**	**	**	**
85764	TRICHLOROPHENOL, 2,4,5- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	2 ##	2.4	2.4	3.2	1.6	1.28	1.131	**	**	**	**
85765	METHYLNAPHTHALENE, 2- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	1 ##	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
85766	METHYLPHENOL, 4- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	2 ##	7.165	7.165	14.	0.33	93.434	9.666	**	**	**	**
85767	METHYLPHENOL, 2- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	2 ##	0.327	0.327	0.65	0.003	0.209	0.457	**	**	**	**
85768	CARBON DISULFIDE, TISSUE, WET WT, MG/KG	11/02/88-11/02/88	2 ##	0.061	0.061	0.12	0.003	0.007	0.083	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	87	22	0.25	29	10	0.34	9	2	0.22	36	10	0.28	13	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	195	16	0.08	59	2	0.03	20	0	0.00	80	6	0.08	36	8	0.22
00400	PH	Other-Hi Lim.	9.	163	0	0.00	51	0	0.00	17	0	0.00	67	0	0.00	28	0	0.00
		Other-Lo Lim.	6.5	163	1	0.01	51	0	0.00	17	0	0.00	67	1	0.01	28	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	201	0	0.00	62	0	0.00	20	0	0.00	82	0	0.00	37	0	0.00
		Other-Lo Lim.	6.5	201	2	0.01	62	1	0.02	20	0	0.00	82	1	0.01	37	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	201	0	0.00	62	0	0.00	21	0	0.00	81	0	0.00	37	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	202	16	0.08	62	4	0.06	21	3	0.14	82	5	0.06	37	4	0.11
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	201	0	0.00	62	0	0.00	20	0	0.00	82	0	0.00	37	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	130	0	0.00	41	0	0.00	10	0	0.00	54	0	0.00	25	0	0.00
00997	ARSENIC, INORGANIC TOT	Fresh Acute	360.	54	0	0.00	16	0	0.00	8	0	0.00	19	0	0.00	11	0	0.00
		Drinking Water	50.	54	0	0.00	16	0	0.00	8	0	0.00	19	0	0.00	11	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	144	0	0.00	45	0	0.00	13	0	0.00	60	0	0.00	26	0	0.00
		Drinking Water	50.	144	0	0.00	45	0	0.00	13	0	0.00	60	0	0.00	26	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	65	0	0.00	19	0	0.00	8	0	0.00	26	0	0.00	12	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	173 &	50	0.29	53	17	0.32	20	6	0.30	69	17	0.25	31	10	0.32
		Drinking Water	5.	173 &	49	0.28	53	16	0.30	20	6	0.30	69	17	0.25	31	10	0.32
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	165	0	0.00	49	0	0.00	20	0	0.00	67	0	0.00	29	0	0.00
		Drinking Water	100.	165	0	0.00	49	0	0.00	20	0	0.00	67	0	0.00	29	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	197	0	0.00	60	0	0.00	21	0	0.00	79	0	0.00	37	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	197	55	0.28	61	18	0.30	21	8	0.38	78	19	0.24	37	10	0.27
		Drinking Water	1300.	197	0	0.00	61	0	0.00	21	0	0.00	78	0	0.00	37	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	197	0	0.00	61	0	0.00	21	0	0.00	78	0	0.00	37	0	0.00
		Drinking Water	5.	157 &	110	0.70	47	35	0.74	18	11	0.61	64	46	0.72	28	18	0.64
01067	NICKEL, TOTAL	Fresh Acute	1400.	169	0	0.00	50	0	0.00	21	0	0.00	67	0	0.00	31	0	0.00
		Drinking Water	100.	169	0	0.00	50	0	0.00	21	0	0.00	67	0	0.00	31	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	50.	65	0	0.00	19	0	0.00	8	0	0.00	26	0	0.00	12	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	169	24	0.14	50	8	0.16	21	4	0.19	67	9	0.13	31	3	0.10
01147	SELENIUM, TOTAL	Fresh Acute	20.	64	0	0.00	18	0	0.00	8	0	0.00	26	0	0.00	12	0	0.00
		Drinking Water	50.	64	0	0.00	18	0	0.00	8	0	0.00	26	0	0.00	12	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	3	1.00							3	3	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	152	113	0.74	47	29	0.62	15	8	0.53	63	52	0.83	27	24	0.89
31648	E. COLI, MTEC, MF	Fresh Acute	126.	47	38	0.81	14	11	0.79	6	5	0.83	19	16	0.84	8	6	0.75
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	2	0	0.00	2	0	0.00									
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	400.	19	0	0.00	4	0	0.00	3	0	0.00	7	0	0.00	5	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	199	0	0.00	61	0	0.00	20	0	0.00	81	0	0.00	37	0	0.00
		Drinking Water	2.	199	0	0.00	61	0	0.00	20	0	0.00	81	0	0.00	37	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1973 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	15	14.	12.6	22.	2.	43.257	6.577	3.2	7.	18.	21.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	16	500.	474.375	590.	310.	7919.583	88.992	338.	387.5	557.5	576.
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	15	7.1	7.567	12.7	3.9	7.104	2.665	4.56	5.5	9.4	12.46
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	16	2.7	2.781	5.3	1.	1.328	1.153	1.	1.875	3.55	4.6
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	16	20.	20.688	35.	8.	55.696	7.463	10.1	15.5	25.75	31.5
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	7	7.9	7.914	8.4	7.2	0.221	0.471	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	7	7.9	7.692	8.4	7.2	0.279	0.528	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	7	0.013	0.02	0.063	0.004	0.001	0.023	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	16	7.4	7.388	8.2	6.2	0.225	0.475	6.76	7.125	7.7	8.06
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	16	7.4	7.088	8.2	6.2	0.321	0.566	6.76	7.125	7.7	8.06
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	16	0.04	0.082	0.631	0.006	0.022	0.149	0.009	0.02	0.075	0.259
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	16	15.	17.438	30.	7.	52.529	7.248	9.1	11.25	23.75	29.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/18/73-11/10/76	16	5.	5.125	10.	2.	5.05	2.247	2.	3.25	7.	8.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	16	1.1	1.156	2.9	0.2	0.591	0.769	0.2	0.525	1.375	2.48
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	16	0.5	0.481	0.7	0.2	0.024	0.156	0.27	0.325	0.6	0.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	16	0.15	0.143	0.27	0.04	0.004	0.063	0.04	0.12	0.17	0.242
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	16	0.014	0.045	0.38	0.002	0.008	0.092	0.002	0.005	0.05	0.149
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	16	16.	15.875	31.	7.	29.85	5.464	7.7	13.25	18.	22.6
00937	POTASSIUM, TOTAL MG/L AS K)	01/18/73-11/19/85	16	3.	2.938	4.	2.	0.329	0.574	2.	3.	3.	4.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	16	22.	22.688	50.	9.	86.096	9.279	10.4	18.75	25.75	34.6
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	16	53.5	52.188	80.	24.	245.363	15.664	29.6	40.75	63.	74.4
00951	FLUORIDE, TOTAL (MG/L AS F)	01/18/73-07/28/92	16	0.2	0.213	0.3	0.1	0.002	0.05	0.17	0.2	0.2	0.3
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	01/18/73-11/02/77	15	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	15	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	15	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	15	10.	12.	40.	10.	60.	7.746	10.	10.	10.	22.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	15	20.	26.	50.	20.	111.429	10.556	20.	20.	30.	50.
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	16	800.	875.	1400.	500.	96666.667	310.913	500.	600.	1250.	1330.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	15	30.	32.667	60.	20.	149.524	12.228	20.	20.	40.	54.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	16	105.	101.25	160.	30.	1531.667	39.137	30.	90.	120.	153.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	15	0.05	0.05	0.08	0.02	0.	0.022	0.02	0.03	0.07	0.08
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	15	130.	130.	210.	50.	2385.714	48.844	62.	80.	170.	204.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	16	155.	2946.25	17000.	10.	24931105.	4993.106	10.	10.	6050.	12100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	16	1.962	2.28	4.23	1.	1.707	1.307	1.	1.	3.747	4.069
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			190.629								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/18/73-11/10/76	16	2.5	3.313	7.	1.	5.963	2.442	1.	1.	5.75	7.
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	16	0.1	0.131	0.6	0.1	0.016	0.125	0.1	0.1	0.1	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	12	11.	10.667	22.	1.	57.879	7.608	1.	2.75	17.75	21.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	12	395.	397.5	510.	310.	4147.727	64.403	313.	337.5	455.	501.
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	12	9.6	9.525	12.5	4.7	5.897	2.428	5.45	7.75	12.075	12.44
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	12	1.9	2.042	3.6	1.	0.588	0.767	1.09	1.45	2.55	3.45
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	12	13.	15.25	32.	4.	72.386	8.508	4.6	8.5	22.5	29.6
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	10	8.1	8.04	8.5	7.5	0.074	0.272	7.53	7.875	8.15	8.48
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	10	8.1	7.959	8.5	7.5	0.081	0.285	7.53	7.875	8.15	8.48
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	10	0.008	0.011	0.032	0.003	0.	0.008	0.003	0.007	0.013	0.03
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	12	7.65	7.683	8.4	7.2	0.131	0.361	7.23	7.4	7.875	8.34
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	12	7.647	7.568	8.4	7.2	0.145	0.381	7.23	7.4	7.875	8.34
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	12	0.023	0.027	0.063	0.004	0.	0.018	0.005	0.013	0.04	0.059
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	12	14.	16.	46.	2.	136.909	11.701	3.2	8.5	23.	39.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/18/73-11/10/76	12	3.	4.75	14.	1.	18.75	4.33	1.	1.25	8.	13.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	12	0.55	0.667	1.8	0.2	0.213	0.462	0.2	0.4	0.775	1.65

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Annual Analysis for 1974 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	12	0.4	0.467	1.1	0.2	0.064	0.253	0.23	0.3	0.5	1.01
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	12	0.07	0.088	0.17	0.03	0.003	0.053	0.03	0.038	0.145	0.17
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	12	0.01	0.023	0.105	0.001	0.001	0.029	0.002	0.007	0.024	0.089
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	12	12.5	12.583	19.	7.	14.992	3.872	7.6	9.	16.5	18.4
00937	POTASSIUM, TOTAL MG/L AS K)	01/18/73-11/19/85	12	3.	2.75	4.	2.	0.568	0.754	2.	2.	3.	4.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	12	18.	17.917	25.	9.	25.538	5.054	9.9	14.	22.5	24.7
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	12	43.	42.5	64.	22.	215.909	14.694	22.9	26.5	53.75	63.4
00951	FLUORIDE, TOTAL (MG/L AS F)	01/18/73-07/28/92	12	0.3	0.408	1.3	0.1	0.13	0.36	0.13	0.2	0.375	1.21
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	01/18/73-11/02/77	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	12	20.	21.667	40.	20.	33.333	5.774	20.	20.	20.	34.
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	12	600.	575.	1600.	200.	154772.727	393.412	200.	225.	675.	1390.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	12	20.	29.167	80.	20.	317.424	17.816	20.	20.	37.5	68.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	12	70.	78.333	130.	20.	1342.424	36.639	26.	45.	117.5	127.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	12	0.02	0.025	0.04	0.02	0.	0.008	0.02	0.02	0.03	0.04
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	12	100.	111.667	200.	30.	3633.333	60.277	33.	50.	165.	200.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	11	230.	616.364	2100.	20.	537325.455	733.025	32.	100.	910.	2060.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	11	2.362	2.466	3.322	1.301	0.374	0.612	1.421	2.	2.959	3.314
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			292.695								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/18/73-11/10/76	12	2.	2.833	7.	1.	3.788	1.946	1.	1.	4.	6.4
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	12	0.1	0.158	0.4	0.1	0.01	0.1	0.1	0.1	0.2	0.37

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Annual Analysis for 1975 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	12	12.	11.917	26.	0.	74.265	8.618	0.	4.5	18.75	25.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	12	410.	413.333	580.	250.	11678.788	108.068	265.	310.	507.5	574.
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	12	9.25	8.708	13.4	4.1	8.083	2.843	4.37	5.725	10.35	13.01
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	12	2.3	2.325	3.2	1.4	0.378	0.615	1.46	1.75	3.	3.17
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	12	13.	15.417	32.	1.	83.902	9.16	3.1	8.5	23.5	30.8
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	2	7.6	7.6	7.7	7.5	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	2	7.589	7.589	7.7	7.5	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	2	0.026	0.026	0.032	0.02	0.	0.008	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	12	7.2	7.375	8.5	6.1	0.442	0.665	6.31	7.05	7.975	8.41
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	12	7.2	6.933	8.5	6.1	0.655	0.809	6.31	7.05	7.975	8.41
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	12	0.063	0.117	0.794	0.003	0.048	0.218	0.004	0.011	0.091	0.604
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	12	10.	12.083	32.	1.	95.72	9.784	1.	6.25	16.5	31.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/18/73-11/10/76	12	3.5	4.333	12.	1.	11.697	3.42	1.	1.25	6.75	10.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	12	1.15	1.217	2.5	0.2	0.729	0.854	0.23	0.325	1.975	2.44
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	12	0.45	0.442	1.2	0.1	0.077	0.278	0.13	0.225	0.5	0.99
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	12	0.105	0.118	0.41	0.03	0.012	0.111	0.03	0.03	0.163	0.347
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	12	0.01	0.014	0.069	0.001	0.	0.019	0.001	0.003	0.021	0.056
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	12	15.	14.	23.	7.	27.818	5.274	7.	10.	19.	22.1
00937	POTASSIUM, TOTAL MG/L AS K)	01/18/73-11/19/85	12	3.	2.75	4.	2.	0.568	0.754	2.	2.	3.	4.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	12	21.5	20.167	31.	8.	59.788	7.732	8.9	11.5	25.75	30.7
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	12	49.	47.917	72.	28.	256.265	16.008	28.	30.5	62.25	70.2
00951	FLUORIDE, TOTAL (MG/L AS F)	01/18/73-07/28/92	12	0.25	0.275	0.5	0.2	0.009	0.097	0.2	0.2	0.3	0.47
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	01/18/73-11/02/77	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	12	10.	9.25	10.	1.	6.75	2.598	3.7	10.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	12	10.	14.167	30.	10.	62.879	7.93	10.	10.	17.5	30.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	12	20.	25.833	50.	20.	117.424	10.836	20.	20.	35.	47.
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	12	700.	733.333	1200.	300.	100606.061	317.185	300.	500.	1050.	1200.

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Annual Analysis for 1975 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	12	20.	24.167	30.	20.	26.515	5.149	20.	20.	30.	30.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	12	110.	95.833	160.	20.	2135.606	46.213	26.	50.	137.5	154.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	12	0.025	0.028	0.05	0.02	0.	0.011	0.02	0.02	0.03	0.05
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	12	50.	70.	230.	30.	2836.364	53.258	30.	50.	80.	185.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	12	200.	1215.833	4700.	10.	2879826.515	1697.005	16.	65.	2775.	4400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	12	2.3	2.466	3.672	1.	0.767	0.876	1.143	1.785	3.438	3.641
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			292.51								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/18/73-11/10/76	12	4.	3.833	7.	1.	4.333	2.082	1.	2.	5.75	6.7
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	12	0.1	0.142	0.3	0.1	0.004	0.067	0.1	0.1	0.2	0.27

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Annual Analysis for 1976 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	9	18.	15.222	24.	6.	42.194	6.496	6.	8.	20.	24.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	9	380.	392.222	530.	300.	6219.444	78.863	300.	330.	460.	530.
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	9	6.7	7.411	11.3	5.6	3.716	1.928	5.6	5.95	8.65	11.3
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	9	2.3	3.2	9.3	1.2	5.753	2.398	1.2	2.15	3.4	9.3
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	9	14.	18.667	37.	10.	78.25	8.846	10.	13.	25.5	37.
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	7	7.	6.986	7.9	6.4	0.208	0.456	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	7	7.	6.833	7.9	6.4	0.235	0.485	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	7	0.1	0.147	0.398	0.013	0.015	0.121	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	9	7.6	7.633	8.	7.4	0.047	0.218	7.4	7.45	7.85	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	9	7.6	7.59	8.	7.4	0.05	0.223	7.4	7.45	7.85	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	9	0.025	0.026	0.04	0.01	0.	0.011	0.01	0.014	0.036	0.04
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	9	16.	23.444	71.	5.	529.528	23.011	5.	6.	36.5	71.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/18/73-11/10/76	9	7.	7.667	20.	1.	38.	6.164	1.	2.	11.5	20.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	9	0.9	0.867	1.5	0.2	0.19	0.436	0.2	0.45	1.25	1.5
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	8	0.4	0.419	0.8	0.2	0.033	0.181	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	9	0.6	0.517	0.9	0.05	0.088	0.296	0.05	0.25	0.8	0.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	9	0.23	0.427	1.6	0.07	0.273	0.523	0.07	0.1	0.65	1.6
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	9	0.004	0.007	0.017	0.001	0.	0.006	0.001	0.002	0.013	0.017
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	9	13.	14.222	21.	8.	19.694	4.438	8.	11.5	18.5	21.
00937	POTASSIUM, TOTAL MG/L AS K)	01/18/73-11/19/85	9	3.	2.778	3.	2.	0.194	0.441	2.	2.5	3.	3.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	9	20.	20.333	30.	13.	42.75	6.538	13.	14.5	27.	30.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	9	46.	45.889	67.	26.	245.111	15.656	26.	30.	62.5	67.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/18/73-07/28/92	9	0.2	0.211	0.3	0.1	0.004	0.06	0.1	0.2	0.25	0.3
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	01/18/73-11/02/77	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	9 ##	5.	10.556	40.	5.	146.528	12.105	5.	5.	12.5	40.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	9 ##	10.	10.556	20.	5.	15.278	3.909	5.	10.	10.	20.
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	9	500.	777.778	2300.	200.	429444.444	655.32	200.	300.	1050.	2300.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	9	30.	32.222	50.	10.	194.444	13.944	10.	20.	45.	50.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	9	70.	87.778	150.	20.	2319.444	48.161	20.	50.	135.	150.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	9	40.	30.	40.	10.	150.	12.247	10.	20.	40.	40.
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	9	50.	61.111	120.	20.	1536.111	39.193	20.	25.	105.	120.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	9	2200.	4193.333	18000.	140.	34655700.	5886.909	140.	160.	6500.	18000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	9	3.342	3.132	4.255	2.146	0.633	0.796	2.146	2.201	3.781	4.255
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1355.878								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/18/73-11/10/76	9 ##	2.5	3.5	6.	2.5	2.	1.414	2.5	2.5	5.	6.
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	8 ##	0.05	0.056	0.1	0.05	0.	0.018	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	6	18.	19.167	24.	15.	15.367	3.92	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	6	395.	375.	450.	280.	5470.	73.959	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	6	6.7	6.8	8.6	5.4	1.536	1.239	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	6	1.95	2.283	3.9	1.4	1.094	1.046	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	6	11.5	17.5	51.	8.	276.3	16.622	**	**	**	**
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	6	7.5	7.467	7.6	7.2	0.023	0.151	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	6	7.5	7.443	7.6	7.2	0.023	0.153	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	6	0.032	0.036	0.063	0.025	0.	0.014	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	6	7.45	7.483	7.7	7.3	0.042	0.204	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	6	7.425	7.445	7.7	7.3	0.043	0.208	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	6	0.038	0.036	0.05	0.02	0.	0.016	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	6	8.	8.	12.	5.	9.2	3.033	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	6	0.55	0.533	0.8	0.3	0.051	0.225	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	6	0.4	0.45	0.7	0.2	0.047	0.217	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	6	0.1	0.13	0.3	0.08	0.007	0.086	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	6	0.003	0.005	0.019	0.001	0.	0.007	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	6	17.	19.667	30.	16.	28.667	5.354	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	6	35.	39.667	61.	30.	141.867	11.911	**	**	**	**
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	01/18/73-11/02/77	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	6 ##	5.	5.833	10.	5.	4.167	2.041	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	6 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	6	350.	400.	900.	200.	68000.	260.768	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	5 ##	10.	12.	20.	10.	20.	4.472	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	6 ##	10.	15.	40.	10.	150.	12.247	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	6	20.	25.	70.	10.	510.	22.583	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	5	980.	2820.	11000.	30.	21128350.	4596.558	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	5	2.991	2.904	4.041	1.477	0.845	0.919	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			802.162								
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	6 ##	0.075	0.075	0.1	0.05	0.001	0.027	**	**	**	**

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Annual Analysis for 1978 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	9	16.	16.	23.	3.	45.25	6.727	3.	12.	22.5	23.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	9	510.	487.778	620.	320.	11769.444	108.487	320.	385.	585.	620.
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	9	5.7	6.378	11.4	2.9	9.469	3.077	2.9	3.5	9.2	11.4
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	9	2.6	2.756	5.2	1.3	1.465	1.21	1.3	1.8	3.45	5.2
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	9	21.	22.333	34.	13.	48.25	6.946	13.	17.	28.	34.
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	7	7.3	7.271	7.8	6.7	0.156	0.395	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	7	7.3	7.123	7.8	6.7	0.181	0.426	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	7	0.05	0.075	0.2	0.016	0.004	0.067	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	9	7.6	7.6	7.9	7.3	0.03	0.173	7.3	7.5	7.7	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	9	7.6	7.57	7.9	7.3	0.031	0.176	7.3	7.5	7.7	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	9	0.025	0.027	0.05	0.013	0.	0.011	0.013	0.02	0.032	0.05
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	9	23.	24.	57.	9.	229.75	15.158	9.	11.5	31.	57.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	9	1.	1.056	2.7	0.1	0.64	0.8	0.1	0.4	1.5	2.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	9	0.7	0.856	1.6	0.5	0.18	0.425	0.5	0.5	1.3	1.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	9	0.16	0.179	0.32	0.05	0.006	0.075	0.05	0.135	0.22	0.32
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	9	0.005	0.008	0.045	0.001	0.	0.014	0.001	0.001	0.008	0.045
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	9	34.	29.889	41.	17.	83.361	9.13	17.	21.	38.	41.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	9	56.	53.667	73.	29.	198.5	14.089	29.	43.	63.	73.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	9	2.	1.556	2.	1.	0.278	0.527	1.	1.	2.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	9 ##	5.	7.778	30.	5.	69.444	8.333	5.	5.	5.	30.

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Annual Analysis for 1978 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	9 ##	10.	10.111	20.	1.	22.611	4.755	1.	10.	10.	20.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	9 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	9	2100.	3737.778	18000.	20.	31682269.444	5628.701	20.	375.	4300.	18000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	9	3.322	3.058	4.255	1.301	0.789	0.888	1.301	2.487	3.626	4.255
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1143.201								
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	9	0.2	0.239	0.6	0.05	0.03	0.173	0.05	0.1	0.35	0.6

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Annual Analysis for 1979 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	10	14.	13.8	24.	3.	46.622	6.828	3.3	7.5	20.	23.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	10	485.	494.	670.	260.	21782.222	147.588	268.	347.5	642.5	668.
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	10	8.9	8.46	12.9	4.5	5.145	2.268	4.67	7.1	9.525	12.57
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	10	1.7	1.86	3.2	1.	0.378	0.615	1.04	1.475	2.25	3.12
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	10	17.	18.5	31.	9.	60.056	7.75	9.1	12.25	25.5	30.9
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	8	7.6	7.625	8.	7.4	0.048	0.219	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	8	7.6	7.583	8.	7.4	0.05	0.223	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	8	0.025	0.026	0.04	0.01	0.	0.011	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	10	7.65	7.71	8.3	7.	0.177	0.42	7.04	7.4	8.2	8.29
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	10	7.647	7.538	8.3	7.	0.209	0.458	7.04	7.4	8.2	8.29
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	10	0.023	0.029	0.1	0.005	0.001	0.028	0.005	0.006	0.04	0.094
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	10	11.	12.9	23.	5.	39.656	6.297	5.1	8.25	20.	22.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	10	0.75	0.792	1.6	0.02	0.264	0.514	0.038	0.275	1.225	1.57
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	10	0.6	0.66	1.3	0.3	0.132	0.363	0.3	0.3	0.925	1.27
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	10	0.1	0.103	0.19	0.04	0.003	0.053	0.041	0.05	0.15	0.186
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	10	0.005	0.005	0.01	0.004	0.	0.002	0.004	0.005	0.005	0.01
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	10	20.	23.3	36.	13.	100.678	10.034	13.1	14.	33.5	35.9
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	10	48.5	51.2	78.	29.	447.956	21.165	29.	29.75	75.75	78.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	10	1.	1.1	2.	1.	0.1	0.316	1.	1.	1.	1.9
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	10	10.	17.	70.	10.	356.667	18.886	10.	10.	12.5	65.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	10	20.	20.1	21.	20.	0.1	0.316	20.	20.	20.	20.9
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	10	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	10	550.	1483.	8100.	100.	5860912.222	2420.932	116.	275.	1925.	7490.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	10	2.716	2.817	3.908	2.	0.308	0.555	2.041	2.439	3.284	3.848
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			656.684								
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	10	0.1	0.12	0.3	0.1	0.004	0.063	0.1	0.1	0.1	0.28
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/11/79-11/02/88	21	1.	2.143	5.	1.	3.429	1.852	1.	1.	5.	5.

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Annual Analysis for 1980 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	10	16.5	14.3	23.	2.	71.567	8.46	2.2	5.5	22.25	23.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/80-11/28/90	4	150.	212.	480.	68.	35082.667	187.304	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	10	485.	478.4	589.	340.	7708.933	87.801	345.	405.	561.25	586.6
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	10	5.7	6.61	11.2	2.6	11.581	3.403	2.66	3.35	10.9	11.17
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	10	1.65	2.11	4.5	1.2	1.454	1.206	1.2	1.275	2.675	4.46
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	10	15.5	17.2	30.	8.	52.178	7.223	8.1	12.	23.25	29.7
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	9	7.4	7.3	7.5	6.9	0.04	0.2	6.9	7.15	7.45	7.5
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	9	7.4	7.254	7.5	6.9	0.042	0.206	6.9	7.15	7.45	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	9	0.04	0.056	0.126	0.032	0.001	0.031	0.032	0.036	0.071	0.126

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Annual Analysis for 1980 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	10	7.4	7.31	7.7	6.9	0.065	0.256	6.91	7.	7.425	7.68
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	10	7.4	7.239	7.7	6.9	0.071	0.266	6.91	7.	7.425	7.68
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	10	0.04	0.058	0.126	0.02	0.001	0.036	0.021	0.038	0.1	0.123
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	10	178.	164.6	198.	120.	680.933	26.095	122.	140.	182.	197.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	10	16.	19.2	46.	5.	135.733	11.65	5.5	11.5	24.75	44.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	10	0.6	0.95	3.1	0.1	0.943	0.971	0.11	0.275	1.575	3.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	10	1.25	1.46	3.7	0.4	1.085	1.042	0.41	0.65	2.15	3.59
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	10	0.5	0.76	1.7	0.3	0.245	0.495	0.31	0.475	1.	1.69
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	10	0.085	0.1	0.25	0.03	0.005	0.072	0.031	0.04	0.145	0.241
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/19/80-06/18/85	10	7.3	6.75	11.	3.1	8.349	2.89	3.1	4.	8.8	10.96
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	10	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	10	216.	216.8	288.	172.	1634.844	40.433	172.4	179.	249.	284.4
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	10	27.5	25.2	38.	15.	70.622	8.404	15.	15.75	31.75	37.6
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	10	57.	53.8	76.	38.	186.4	13.653	38.1	39.75	64.25	74.9
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	10	1.	1.4	2.	1.	0.267	0.516	1.	1.	2.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	10	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	10	4.	5.	9.	4.	3.111	1.764	4.	4.	6.25	8.8
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	10	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	10	1955.	6789.6	36000.	36.	120739823.822	10988.167	46.4	260.	9575.	33380.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	10	3.218	3.192	4.556	1.556	0.897	0.947	1.615	2.394	3.981	4.5
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1555.494								
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	10	0.1	0.16	0.4	0.1	0.012	0.107	0.1	0.1	0.225	0.39
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/11/79-11/02/88	19	1.	1.842	5.	1.	2.807	1.675	1.	1.	1.	5.

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Annual Analysis for 1981 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	10	12.5	13.6	25.	1.	59.156	7.691	1.4	8.75	20.75	24.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/80-11/28/90	10	300.	291.	800.	10.	45876.667	214.188	19.	145.	365.	758.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	10	440.	431.	540.	360.	3854.444	62.084	361.	370.	470.	536.
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	10	7.25	7.27	9.1	4.9	2.616	1.617	4.97	5.675	8.95	9.1
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	10	1.9	1.78	2.9	1.	0.415	0.644	1.01	1.175	2.275	2.86
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	10	16.	19.2	39.	11.	83.289	9.126	11.1	12.	24.75	38.1
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	10	7.55	7.56	7.9	7.3	0.027	0.165	7.31	7.475	7.625	7.88
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	10	7.547	7.534	7.9	7.3	0.028	0.167	7.31	7.475	7.625	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	10	0.028	0.029	0.05	0.013	0.	0.01	0.013	0.024	0.034	0.049
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	10	7.55	7.57	8.2	7.1	0.127	0.356	7.1	7.325	7.85	8.18
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	10	7.547	7.453	8.2	7.1	0.142	0.377	7.1	7.325	7.85	8.18
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	10	0.028	0.035	0.079	0.006	0.001	0.026	0.007	0.014	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	10	144.	147.6	172.	124.	382.044	19.546	124.4	131.	168.	171.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	10	24.5	25.6	54.	8.	218.933	14.796	8.1	9.75	35.75	52.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	10	0.35	0.4	1.1	0.1	0.1	0.316	0.1	0.1	0.6	1.05
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	10	0.8	0.86	1.6	0.3	0.212	0.46	0.31	0.4	1.25	1.58
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	10	0.6	0.74	1.5	0.3	0.154	0.392	0.31	0.475	1.	1.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	10	0.085	0.087	0.19	0.03	0.002	0.047	0.03	0.045	0.113	0.183
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/19/80-06/18/85	10	8.15	8.01	16.2	3.7	17.565	4.191	3.73	4.075	10.5	15.84
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	10	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	10	204.	205.2	260.	160.	1148.622	33.891	160.4	167.	234.	258.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	10	23.	23.9	43.	13.	75.211	8.672	13.2	16.5	29.	41.6
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	10	45.	44.2	67.	6.	360.844	18.996	8.6	32.	63.	66.9
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	10	1.	1.4	2.	1.	0.267	0.516	1.	1.	2.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	10	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	10	10.	10.5	15.	10.	2.5	1.581	10.	10.	10.	14.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	10	10.	11.	20.	10.	10.	3.162	10.	10.	10.	19.

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Annual Analysis for 1981 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	9	4.	4.556	6.	4.	0.778	0.882	4.	4.	5.5	6.
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	10	790.	787.	1900.	150.	350423.333	591.966	156.	247.5	1200.	1830.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	10	85.	79.	150.	20.	2165.556	46.536	20.	35.	120.	147.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	10	30.	31.	60.	10.	343.333	18.529	10.	10.	50.	59.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	10	1250.	4575.2	23000.	10.	53584937.067	7320.173	10.	47.5	7825.	21700.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	10	3.094	2.751	4.362	1.	1.557	1.248	1.	1.584	3.888	4.326
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			564.042								
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	10	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

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Annual Analysis for 1982 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	9	12.	12.778	23.	5.	47.444	6.888	5.	5.	19.	23.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/80-11/28/90	8	33.	62.75	200.	12.	4002.214	63.263	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	9	410.	433.333	570.	370.	4000.	63.246	370.	395.	470.	570.
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	9	8.	7.178	10.1	2.8	4.892	2.212	2.8	5.7	8.7	10.1
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	9	1.8	2.6	7.7	1.2	4.095	2.024	1.2	1.45	2.85	7.7
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	9	20.	19.889	31.	11.	41.111	6.412	11.	14.	24.5	31.
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	9	7.6	7.6	7.8	7.4	0.017	0.132	7.4	7.5	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	9	7.6	7.583	7.8	7.4	0.018	0.134	7.4	7.5	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	9	0.025	0.026	0.04	0.016	0.	0.008	0.016	0.02	0.032	0.04
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	9	7.6	7.633	7.8	7.4	0.012	0.112	7.4	7.6	7.7	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	9	7.6	7.62	7.8	7.4	0.013	0.113	7.4	7.6	7.7	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	9	0.025	0.024	0.04	0.016	0.	0.007	0.016	0.02	0.025	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	9	140.	142.111	188.	108.	573.111	23.94	108.	126.	155.5	188.
00500	RESIDUE, TOTAL (MG/L)	04/21/82-07/28/92	1	390.	390.	390.	390.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	9	20.	22.667	60.	8.	245.25	15.66	8.	12.	27.5	60.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	9	0.5	0.567	1.3	0.2	0.13	0.361	0.2	0.25	0.8	1.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	9	1.1	1.089	2.	0.6	0.206	0.454	0.6	0.7	1.35	2.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	9	0.7	0.678	1.	0.4	0.029	0.172	0.4	0.55	0.75	1.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	9	0.12	0.122	0.21	0.06	0.003	0.052	0.06	0.075	0.17	0.21
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/19/80-06/18/85	9	5.7	6.022	8.6	4.2	2.347	1.532	4.2	4.75	7.4	8.6
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	9	0.005	0.008	0.031	0.005	0.	0.009	0.005	0.005	0.007	0.031
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	9	190.	208.778	306.	166.	2019.944	44.944	166.	176.5	236.	306.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	9	27.	26.889	40.	18.	56.611	7.524	18.	19.5	32.5	40.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	9	51.	51.	69.	36.	122.5	11.068	36.	41.5	59.5	69.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	8	1.	1.125	2.	1.	0.125	0.354	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	8	2.	2.	2.	2.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	9	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	8	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	8	4.	5.5	10.	4.	6.286	2.507	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	8	1150.	1255.	3100.	410.	815771.429	903.201	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	8	10.	10.	10.	10.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	8	100.	116.25	260.	40.	5883.929	76.707	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	8	10.	11.25	20.	10.	12.5	3.536	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	8	30.	40.	90.	20.	628.571	25.071	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	8	1850.	2030.	4400.	10.	3259057.143	1805.286	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	8	3.259	2.754	3.643	1.	1.262	1.123	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			568.006								
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

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Annual Analysis for 1983 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	7	17.	16.	27.	5.	72.	8.485	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/80-11/28/90	7	28.	32.857	90.	12.	686.476	26.201	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	6	425.	447.5	590.	370.	5817.5	76.273	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	7	8.9	8.443	10.6	5.5	3.223	1.795	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	6	1.6	1.617	1.9	1.3	0.05	0.223	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	7	15.	15.857	24.	12.	16.476	4.059	**	**	**	**
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	7	7.7	7.686	8.	7.4	0.035	0.186	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	7	7.7	7.653	8.	7.4	0.036	0.19	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	7	0.02	0.022	0.04	0.01	0.	0.009	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	6	7.45	7.433	7.6	7.2	0.019	0.137	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	6	7.447	7.414	7.6	7.2	0.019	0.138	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	6	0.036	0.039	0.063	0.025	0.	0.013	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	6	152.5	155.5	188.	122.	853.5	29.215	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	6	14.	15.5	30.	6.	79.9	8.939	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	7	0.6	0.643	1.1	0.2	0.086	0.294	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	7	1.1	1.2	1.6	1.	0.063	0.252	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	7	1.	1.157	2.5	0.4	0.423	0.65	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	7	0.1	0.104	0.14	0.08	0.001	0.023	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/19/80-06/18/85	7	5.	5.186	8.9	2.6	3.545	1.883	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	7	0.005	0.007	0.016	0.005	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	6	215.	219.5	266.	172.	1524.7	39.047	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	6	29.5	28.	38.	17.	66.	8.124	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	6	58.	56.167	79.	33.	324.567	18.016	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	7	1.	1.143	2.	1.	0.143	0.378	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	7	2.	2.	2.	2.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	6	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	7	10.	12.857	30.	10.	57.143	7.559	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	7	4.	4.429	7.	4.	1.286	1.134	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	7	1000.	1058.571	2200.	390.	391680.952	625.844	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	7	10.	10.	10.	10.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	7	110.	101.429	150.	50.	1280.952	35.79	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	7	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	7	30.	42.857	70.	10.	690.476	26.277	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	7	200.	250.	550.	20.	37933.333	194.765	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	7	2.301	2.218	2.74	1.301	0.25	0.5	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			165.238								
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	7	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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Annual Analysis for 1984 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	10	17.	14.6	24.	2.	70.489	8.396	2.2	6.25	22.5	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/80-11/28/90	9	17.	23.111	84.	5.	554.361	23.545	5.	11.5	22.5	84.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	10	445.	478.	630.	330.	14151.111	118.958	332.	357.5	600.	630.
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	10	7.75	7.6	13.	3.3	11.473	3.387	3.34	4.3	11.	12.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	10	1.85	1.88	3.5	0.5	0.828	0.91	0.5	1.4	2.4	3.42
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	10	18.5	16.8	40.	2.5	149.456	12.225	2.5	4.375	25.	38.8
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	8	7.55	7.613	8.	7.4	0.064	0.253	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	8	7.547	7.558	8.	7.4	0.067	0.26	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	8	0.028	0.028	0.04	0.01	0.	0.013	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	10	7.3	7.33	7.6	7.1	0.038	0.195	7.1	7.175	7.525	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	10	7.289	7.293	7.6	7.1	0.039	0.199	7.1	7.175	7.525	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	10	0.051	0.051	0.079	0.025	0.	0.021	0.025	0.03	0.067	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	10	150.	155.6	200.	100.	1384.711	37.212	102.	124.5	192.5	200.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	10	16.	22.	80.	2.	452.889	21.281	3.1	13.	21.5	74.6

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Annual Analysis for 1984 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	10	0.5	0.73	2.	0.1	0.393	0.627	0.11	0.2	1.15	1.93
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	10	1.3	1.25	2.3	0.4	0.425	0.652	0.41	0.5	1.825	2.26
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	10	0.75	0.72	1.2	0.3	0.1	0.316	0.3	0.45	0.95	1.19
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	10	0.15	0.125	0.27	0.015	0.006	0.079	0.018	0.048	0.17	0.26
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/19/80-06/18/85	10	4.25	5.46	14.	1.8	15.278	3.909	1.8	2.475	7.5	13.59
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	10 ##	0.004	0.004	0.008	0.003	0.	0.002	0.003	0.003	0.006	0.008
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	10	200.	208.4	270.	150.	2043.378	45.204	151.4	168.5	252.5	269.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	10	23.	24.4	42.	9.	135.378	11.635	9.4	13.75	35.5	41.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	10	51.5	52.5	77.	30.	264.722	16.27	30.4	37.75	66.	76.8
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	10	1.	1.3	2.	1.	0.233	0.483	1.	1.	2.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	10 ##	1.5	1.6	3.	1.	0.489	0.699	1.	1.	2.	2.9
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	10 ##	5.	7.	10.	5.	6.667	2.582	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	10	10.	13.	50.	5.	190.	13.784	5.	5.	12.5	47.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	10	5.5	6.2	18.	2.	21.067	4.59	2.	3.5	7.25	17.
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	10	1040.	1331.	5200.	130.	2051321.111	1432.243	158.	545.	1425.	4830.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	10	10.	9.	20.	5.	21.111	4.595	5.	5.	10.	19.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	10	140.	146.	310.	40.	5693.333	75.454	41.	102.5	182.5	298.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	10	10.	8.	10.	5.	6.667	2.582	5.	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	10	70.	62.	120.	10.	1262.222	35.528	11.	27.5	90.	117.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	10	720.	4843.	35000.	60.	117435512.222	10836.767	84.	300.	3425.	32270.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	10	2.822	2.974	4.544	1.778	0.63	0.793	1.848	2.477	3.447	4.478
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			941.866								
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	10 ##	0.05	0.07	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/11/79-11/02/88	11	1.	1.909	5.	1.	2.491	1.578	1.	1.	2.	5.

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Annual Analysis for 1985 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	10	16.	15.3	25.	2.	47.567	6.897	2.5	11.5	19.75	24.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/80-11/28/90	10	8.5	23.5	148.	6.	1925.167	43.877	6.1	7.	15.25	134.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	10	505.	466.	620.	270.	12893.333	113.549	275.	350.	542.5	613.
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	10	7.2	6.66	10.5	1.3	8.2	2.864	1.57	4.6	8.925	10.47
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	10	2.25	3.06	11.	0.5	8.598	2.932	0.59	1.625	3.15	10.29
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	10	17.5	18.9	44.	7.	103.656	10.181	7.1	14.	20.25	42.
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	8	7.5	7.55	7.9	7.2	0.049	0.22	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	8	7.5	7.503	7.9	7.2	0.051	0.226	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	8	0.032	0.031	0.063	0.013	0.	0.016	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	10	7.2	7.15	7.6	6.7	0.078	0.28	6.7	7.	7.325	7.58
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	10	7.2	7.064	7.6	6.7	0.086	0.294	6.7	7.	7.325	7.58
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	10	0.063	0.086	0.2	0.025	0.004	0.062	0.027	0.048	0.109	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	10	151.5	147.9	202.	76.	1250.767	35.366	80.2	121.	172.	199.
00500	RESIDUE, TOTAL (MG/L)	04/21/82-07/28/92	9	340.	332.333	421.	213.	5415.75	73.592	213.	273.	397.	421.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	10	6.5	24.3	174.	4.	2783.789	52.762	4.	4.75	12.	158.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	10	0.9	0.81	1.7	0.1	0.259	0.509	0.11	0.35	1.15	1.66
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	10	1.55	1.44	2.4	0.3	0.543	0.737	0.32	0.725	2.	2.39
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	10	0.65	0.63	1.1	0.3	0.067	0.258	0.3	0.375	0.8	1.07
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	10	0.1	0.136	0.37	0.04	0.009	0.097	0.042	0.068	0.185	0.353
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/19/80-06/18/85	5	5.3	5.22	7.6	2.6	3.142	1.773	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	10 ##	0.003	0.005	0.01	0.003	0.	0.003	0.003	0.003	0.008	0.01
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	10	218.	214.	278.	136.	2413.333	49.126	137.8	161.5	264.5	276.8
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	01/18/73-11/19/85	2	4.	4.	4.4	3.6	0.32	0.566	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	10	30.5	28.1	40.	11.	113.656	10.661	11.3	15.5	38.	39.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	10	53.5	52.5	76.	28.	250.5	15.827	28.3	38.5	64.25	75.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/85-07/28/92	2 ##	3.075	3.075	6.	0.15	17.111	4.137	**	**	**	**

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Annual Analysis for 1985 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	10	1.	1.27	4.	0.9	0.922	0.96	0.9	0.9	1.	3.7
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	10 ##	1.	1.2	3.	1.	0.4	0.632	1.	1.	1.	2.8
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	10 ##	3.	4.6	17.	2.	21.156	4.6	2.	2.	5.25	15.9
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	10	545.	1488.	10000.	180.	9003840.	3000.64	198.	382.5	777.5	9110.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	10 ##	5.	6.5	20.	5.	22.5	4.743	5.	5.	5.	18.5
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	10	135.	166.	530.	50.	19182.222	138.5	51.	67.5	187.5	498.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	10 ##	7.5	10.5	40.	5.	113.611	10.659	5.	5.	10.	37.
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	10	40.	58.	180.	10.	2395.556	48.944	11.	27.5	75.	171.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	10	1800.	2977.	7200.	350.	7519134.444	2742.104	384.	795.	6550.	7150.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	10	3.238	3.276	3.857	2.544	0.211	0.46	2.574	2.899	3.816	3.854
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1889.095								
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	10 ##	0.05	0.06	0.1	0.05	0.	0.021	0.05	0.05	0.063	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	11	13.	12.	20.	1.	54.6	7.389	1.4	4.	20.	20.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/80-11/28/90	12	10.	20.167	132.	3.	1267.606	35.603	3.3	6.	17.75	98.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	12	389.	423.5	707.	261.	17955.182	133.997	266.1	314.	511.5	670.7
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	12	7.4	7.842	12.8	2.6	11.803	3.435	2.78	5.5	11.325	12.74
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	6	1.8	2.317	5.4	1.4	2.358	1.535	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	12	12.5	15.333	31.	2.5	92.561	9.621	2.5	10.	24.	30.4
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	12	7.3	7.342	7.8	7.	0.074	0.271	7.	7.1	7.6	7.74
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	12	7.3	7.27	7.8	7.	0.079	0.281	7.	7.1	7.6	7.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	12	0.05	0.054	0.1	0.016	0.001	0.03	0.019	0.025	0.079	0.1
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	12	7.7	7.683	7.9	7.5	0.016	0.127	7.5	7.6	7.8	7.87
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	12	7.7	7.667	7.9	7.5	0.016	0.128	7.5	7.6	7.8	7.87
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	12	0.02	0.022	0.032	0.013	0.	0.006	0.014	0.016	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	12	157.	155.333	190.	96.	731.879	27.053	106.2	140.	178.	188.2
00500	RESIDUE, TOTAL (MG/L)	04/21/82-07/28/92	12	336.	337.167	405.	277.	2375.242	48.736	280.3	292.75	393.75	404.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	12	8.5	20.167	156.	1.	1851.061	43.024	1.3	3.	13.	114.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	12	0.3	0.45	1.3	0.1	0.117	0.342	0.13	0.225	0.575	1.18
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	12	0.95	1.042	2.1	0.1	0.303	0.55	0.25	0.7	1.4	1.95
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	12	0.7	0.708	1.1	0.5	0.028	0.168	0.5	0.6	0.775	1.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	12	0.1	0.116	0.22	0.05	0.003	0.058	0.05	0.07	0.158	0.217
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	12 ##	0.003	0.005	0.022	0.003	0.	0.006	0.003	0.003	0.007	0.018
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	12	213.	212.333	264.	118.	1542.424	39.274	139.6	191.	243.	261.6
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	12	27.5	28.333	43.	16.	63.697	7.981	16.6	22.5	34.5	41.2
00951	FLUORIDE, TOTAL (MG/L AS F)	01/18/73-07/28/92	12	0.2	0.179	0.3	0.05	0.006	0.078	0.065	0.1	0.2	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/85-07/28/92	9	2.	2.556	4.	1.	1.278	1.13	1.	2.	4.	4.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	12	0.95	1.133	4.	0.6	0.835	0.914	0.63	0.725	1.	3.1
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	8	40.	38.75	50.	30.	69.643	8.345	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	12	4.	5.917	18.	2.	27.538	5.248	2.	2.	6.75	17.1
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	12	730.	1186.667	6200.	270.	2603315.152	1613.479	309.	427.5	1127.5	4760.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	12 ##	5.	6.667	20.	5.	19.697	4.438	5.	5.	5.	17.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	12	135.	147.917	310.	25.	6288.447	79.3	41.5	92.5	202.5	292.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	12 ##	5.	6.25	10.	5.	5.114	2.261	5.	5.	8.75	10.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	12	25.	31.667	70.	10.	324.242	18.007	13.	20.	40.	67.

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Annual Analysis for 1986 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	8	0.2	0.25	0.5	0.1	0.02	0.141	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	12	8450.	17080.	69000.	960.	525842254.545	22931.251	972.	2050.	25000.	65400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	12	3.927	3.864	4.839	2.982	0.388	0.623	2.988	3.26	4.358	4.814
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7315.904								
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/11/79-11/02/88	18	1.	2.	5.	1.	2.353	1.534	1.	1.	3.25	5.

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Annual Analysis for 1987 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	10	16.5	14.	23.	0.	68.889	8.3	0.4	5.5	20.75	23.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/80-11/28/90	10	9.5	11.7	24.	4.	45.344	6.734	4.1	6.5	18.25	23.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	10	274.5	295.6	384.	184.	4646.489	68.165	189.8	253.25	377.25	384.
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	10	6.95	7.09	14.	1.6	15.33	3.915	1.84	4.075	10.025	13.85
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	5	2.	2.24	4.	0.5	1.703	1.305	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	9	12.	14.333	24.	7.	30.25	5.5	7.	10.5	19.	24.
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	9	7.6	7.567	8.1	7.1	0.113	0.335	7.1	7.25	7.8	8.1
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	9	7.6	7.455	8.1	7.1	0.127	0.356	7.1	7.25	7.8	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	9	0.025	0.035	0.079	0.008	0.001	0.027	0.008	0.016	0.06	0.079
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	10	7.7	7.71	7.9	7.5	0.021	0.145	7.51	7.6	7.825	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	10	7.689	7.689	7.9	7.5	0.022	0.147	7.51	7.6	7.825	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	10	0.02	0.02	0.032	0.013	0.	0.007	0.013	0.015	0.025	0.031
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	10	152.	157.2	204.	128.	617.956	24.859	128.6	135.5	179.5	202.
00500	RESIDUE, TOTAL (MG/L)	04/21/82-07/28/92	10	301.	295.1	387.	213.	2955.878	54.368	215.	246.5	333.	382.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	10	11.	13.1	24.	7.	36.767	6.064	7.1	8.	18.5	23.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	9	0.3	0.589	1.3	0.005	0.275	0.525	0.005	0.2	1.25	1.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	9	0.9	1.211	2.3	0.5	0.444	0.666	0.5	0.75	1.95	2.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	9	0.6	0.622	1.	0.3	0.044	0.211	0.3	0.5	0.75	1.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	9	0.09	0.144	0.45	0.05	0.018	0.134	0.05	0.06	0.21	0.45
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	10 ##	0.003	0.025	0.215	0.003	0.004	0.067	0.003	0.003	0.009	0.195
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	10	198.	201.2	262.	158.	950.4	30.829	159.	177.	220.	258.4
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	9	15.	15.956	24.	9.6	29.618	5.442	9.6	11.5	22.	24.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	10	24.	24.7	36.	16.	55.344	7.439	16.1	17.75	31.	35.8
00951	FLUORIDE, TOTAL (MG/L AS F)	01/18/73-07/28/92	10	0.15	0.17	0.3	0.1	0.007	0.082	0.1	0.1	0.225	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/85-07/28/92	9	4.	4.778	9.	2.	8.194	2.863	2.	2.	8.	9.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	10	0.9	0.92	2.	0.1	0.22	0.469	0.15	0.75	1.	1.9
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	9	40.	36.667	50.	30.	50.	7.071	30.	30.	40.	50.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	10 ##	1.	10.9	100.	1.	980.1	31.307	1.	1.	1.	90.1
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	10	4.5	4.7	8.	2.	3.789	1.947	2.	3.5	6.25	7.9
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	10	715.	652.	1400.	170.	143995.556	379.467	177.	315.	860.	1352.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	10 ##	3.	3.4	5.	3.	0.711	0.843	3.	3.	3.5	5.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	10	80.	103.	230.	30.	4912.222	70.087	30.	45.	150.	228.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	10 ##	2.	3.	5.	2.	1.778	1.333	2.	2.	4.25	5.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	10	20.	28.	70.	10.	284.444	16.865	11.	20.	32.5	67.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	9 ##	0.2	0.2	0.2	0.2	0.	0.	0.2	0.2	0.2	0.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	10	4400.	6424.5	25000.	55.	52536791.389	7248.227	98.5	1997.5	9025.	23470.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	10	3.643	3.469	4.398	1.74	0.568	0.753	1.835	3.221	3.955	4.357
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2946.014								
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	12	12.	12.167	28.	-1.	71.788	8.473	3.6	5.	17.	27.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/80-11/28/90	7	14.	18.429	50.	5.	229.286	15.142	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	12	423.	417.583	525.	257.	5164.811	71.867	284.9	380.75	470.75	515.4
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	12	8.8	8.992	12.4	6.1	4.561	2.136	6.16	6.825	10.425	12.31
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	6	2.	1.917	3.5	0.5	1.738	1.318	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	12	16.5	19.417	39.	12.	76.811	8.764	12.	12.25	24.25	36.9
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	12	7.6	7.642	8.3	7.1	0.146	0.382	7.13	7.325	7.975	8.24
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	12	7.589	7.505	8.3	7.1	0.167	0.408	7.13	7.325	7.975	8.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	12	0.026	0.031	0.079	0.005	0.001	0.024	0.006	0.011	0.048	0.075
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	12	7.8	7.75	8.1	7.2	0.052	0.228	7.32	7.625	7.875	8.07
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	12	7.8	7.686	8.1	7.2	0.056	0.237	7.32	7.625	7.875	8.07
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	12	0.016	0.021	0.063	0.008	0.	0.014	0.009	0.013	0.024	0.052
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	12	143.5	146.083	184.	124.	385.902	19.644	124.	128.5	164.5	179.2
00500	RESIDUE, TOTAL (MG/L)	04/21/82-07/28/92	12	323.	331.167	418.	213.	4533.97	67.335	228.	270.	403.75	415.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	12	17.	23.667	56.	4.	375.333	19.374	4.	8.	45.25	55.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	12	0.15	0.196	0.5	0.05	0.024	0.156	0.05	0.063	0.35	0.47
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	12	0.95	0.892	1.3	0.5	0.077	0.278	0.53	0.6	1.1	1.27
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	12	1.35	1.525	2.6	0.8	0.353	0.594	0.83	0.95	2.1	2.45
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	12	0.125	0.253	1.38	0.03	0.135	0.367	0.045	0.093	0.223	1.083
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	12 ##	0.003	0.003	0.007	0.003	0.	0.001	0.003	0.003	0.003	0.006
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	12	221.	216.917	265.	168.	803.174	28.34	173.4	195.5	238.	261.1
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	11	22.	21.455	35.	12.	48.673	6.977	12.6	16.	23.	34.4
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	12	31.	32.75	57.	17.	112.568	10.61	18.8	24.5	37.25	53.4
00951	FLUORIDE, TOTAL (MG/L AS F)	01/18/73-07/28/92	12	0.2	0.233	0.3	0.1	0.004	0.065	0.13	0.2	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/85-07/28/92	12	7.	6.333	9.	2.	5.152	2.27	2.3	4.25	8.	8.7
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	11	1.	1.136	2.	0.7	0.191	0.437	0.74	0.9	1.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	11	40.	41.818	70.	20.	216.364	14.709	22.	30.	50.	68.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	11 ##	1.	1.291	5.	0.2	1.571	1.253	0.36	1.	1.	4.2
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	11 ##	5.	9.091	50.	5.	184.091	13.568	5.	5.	5.	41.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	11	5.	6.	12.	2.	9.4	3.066	2.	4.	7.	11.6
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	11	930.	1350.	3100.	170.	1250480.	1118.249	192.	320.	2800.	3080.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	11 ##	3.	8.273	33.	3.	89.818	9.477	3.	3.	15.	29.4
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	11	110.	144.545	360.	40.	12487.273	111.746	40.	50.	170.	356.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	11 ##	2.	3.091	10.	2.	5.891	2.427	2.	2.	4.	8.8
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	11	20.	43.636	140.	10.	1625.455	40.317	10.	20.	60.	130.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	11 ##	0.3	0.355	1.	0.2	0.059	0.242	0.2	0.2	0.5	0.9
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	3	610.	563.333	900.	180.	131233.333	362.261	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	3	2.785	2.665	2.954	2.255	0.133	0.365	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			462.326								
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/28/92	9	220.	914.444	4300.	10.	1886402.778	1373.464	10.	65.	1300.	4300.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/28/92	9	2.342	2.432	3.633	1.	0.701	0.837	1.	1.778	3.113	3.633
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			270.606								
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	11	0.1	0.232	1.3	0.05	0.135	0.368	0.05	0.05	0.3	1.1
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/11/79-11/02/88	9	1.	1.556	5.	1.	1.778	1.333	1.	1.	1.5	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	9	18.5	17.622	24.5	11.6	24.497	4.949	11.6	12.6	22.5	24.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/80-11/28/90	5	12.	10.3	18.	2.5	46.2	6.797	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	9	501.	492.	570.	385.	3641.75	60.347	385.	443.	547.	570.
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	9	9.2	8.067	10.1	4.2	4.485	2.118	4.2	6.25	9.75	10.1
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	4	1.65	1.675	2.4	1.	0.369	0.608	**	**	**	**

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Annual Analysis for 1989 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	9	14.	18.111	49.	8.	146.361	12.098	8.	12.5	19.	49.
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	9	7.7	7.668	7.9	7.5	0.02	0.142	7.5	7.52	7.785	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	9	7.7	7.648	7.9	7.5	0.021	0.144	7.5	7.52	7.785	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	9	0.02	0.023	0.032	0.013	0.	0.007	0.013	0.016	0.03	0.032
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	9	7.9	7.889	8.1	7.6	0.041	0.203	7.6	7.7	8.1	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	9	7.9	7.846	8.1	7.6	0.043	0.208	7.6	7.7	8.1	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	9	0.013	0.014	0.025	0.008	0.	0.007	0.008	0.008	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	9	174.	167.222	191.	124.	456.944	21.376	124.	154.	180.	191.
00500	RESIDUE, TOTAL (MG/L)	04/21/82-07/28/92	9	366.	379.444	506.	284.	4575.028	67.639	284.	329.5	431.5	506.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	9	21.	30.444	131.	5.	1513.278	38.901	5.	10.	30.5	131.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	9	0.3	0.239	0.4	0.05	0.017	0.132	0.05	0.1	0.35	0.4
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	9	0.9	0.878	1.8	0.5	0.154	0.393	0.5	0.55	0.95	1.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	9	2.1	2.122	3.1	1.3	0.409	0.64	1.3	1.6	2.8	3.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	9	0.11	0.147	0.41	0.07	0.011	0.106	0.07	0.085	0.17	0.41
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	9 ##	0.003	0.004	0.008	0.003	0.	0.002	0.003	0.003	0.004	0.008
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	9	225.	227.	264.	190.	749.5	27.377	190.	199.	253.	264.
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	9	25.	24.889	31.	16.	20.861	4.567	16.	22.	28.5	31.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	9	37.	37.778	49.	23.	61.944	7.87	23.	33.5	45.	49.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	01/18/73-07/28/92	9	0.2	0.244	0.3	0.2	0.003	0.053	0.2	0.2	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/85-07/28/92	9	7.	7.778	12.	5.	4.194	2.048	5.	6.5	9.	12.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	9	1.	1.3	4.	0.8	1.03	1.015	0.8	0.95	1.	4.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	9	50.	48.889	70.	40.	86.111	9.28	40.	40.	50.	70.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	9 ##	1.	1.111	2.	1.	0.111	0.333	1.	1.	1.	2.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	9 ##	5.	8.889	40.	5.	136.111	11.667	5.	5.	5.	40.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	9	6.	8.778	21.	6.	26.694	5.167	6.	6.	11.	21.
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	9	1000.	1687.778	7400.	310.	4805169.444	2192.07	310.	525.	1550.	7400.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	9 ##	3.	6.111	27.	3.	63.111	7.944	3.	3.	5.	27.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	9	100.	113.333	240.	40.	3775.	61.441	40.	60.	150.	240.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	9 ##	2.	3.556	14.	2.	15.778	3.972	2.	2.	3.	14.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	9	50.	68.889	160.	30.	2011.111	44.845	30.	40.	95.	160.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	9 ##	0.25	0.272	0.45	0.25	0.004	0.067	0.25	0.25	0.25	0.45
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/28/92	9	380.	830.	2700.	50.	1113725.	1055.332	50.	145.	1700.	2700.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/28/92	9	2.58	2.584	3.431	1.699	0.358	0.598	1.699	2.113	3.159	3.431
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			383.461								
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	9 ##	0.05	0.056	0.1	0.05	0.	0.017	0.05	0.05	0.05	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	11	15.6	12.891	22.	3.	46.863	6.846	3.26	5.6	17.4	21.96
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/80-11/28/90	5	14.	25.	66.	4.	676.	26.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	9	545.	533.444	683.	391.	10522.278	102.578	391.	427.	619.5	683.
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	10	10.5	10.1	13.4	5.5	7.704	2.776	5.55	7.8	12.325	13.36
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	6	1.25	1.35	3.2	0.5	0.979	0.989	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	12	19.	24.917	100.	11.	592.992	24.351	11.3	12.5	26.25	78.4
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	10	7.73	7.648	7.96	7.31	0.043	0.208	7.311	7.485	7.773	7.942
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	10	7.73	7.6	7.96	7.31	0.046	0.214	7.311	7.485	7.772	7.942
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	10	0.019	0.025	0.049	0.011	0.	0.013	0.012	0.017	0.034	0.049
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	12	7.9	7.892	8.1	7.7	0.023	0.151	7.7	7.725	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	12	7.9	7.868	8.1	7.7	0.023	0.153	7.7	7.725	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	12	0.013	0.014	0.02	0.008	0.	0.005	0.008	0.01	0.019	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	12	171.5	164.25	202.	73.	1144.205	33.826	94.9	151.5	183.75	199.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00500	RESIDUE, TOTAL (MG/L)	04/21/82-07/28/92	12	396.	380.833	427.	283.	2662.879	51.603	286.6	340.25	424.	427.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	12	11.	30.667	244.	6.	4549.697	67.451	6.	7.5	12.5	179.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	12	0.15	0.154	0.4	0.05	0.013	0.116	0.05	0.05	0.2	0.37
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	12	0.75	0.808	2.	0.4	0.181	0.425	0.4	0.525	0.95	1.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	12	1.65	1.725	2.7	0.5	0.397	0.63	0.65	1.35	2.275	2.61
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	13	0.08	0.088	0.2	0.007	0.003	0.059	0.01	0.05	0.12	0.196
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	12 ##	0.003	0.003	0.006	0.003	0.	0.001	0.003	0.003	0.003	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	12	239.	227.583	280.	97.	2399.538	48.985	126.1	203.5	262.	277.
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	12	26.	23.758	33.	5.1	57.864	7.607	8.67	18.75	29.	32.1
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	12	41.	38.167	56.	11.	143.606	11.984	15.5	30.5	46.	53.9
00951	FLUORIDE, TOTAL (MG/L AS F)	01/18/73-07/28/92	12	0.2	0.196	0.3	0.05	0.005	0.069	0.065	0.2	0.2	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/85-07/28/92	12	8.25	8.067	11.4	3.5	5.461	2.337	4.04	6.	9.975	11.1
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	12	0.8	1.158	5.	0.6	1.483	1.218	0.63	0.7	1.	3.8
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	12	40.	43.333	70.	30.	96.97	9.847	33.	40.	47.5	64.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	12 ##	1.	1.25	4.	1.	0.75	0.866	1.	1.	1.	3.1
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	12	6.	7.083	20.	5.	17.902	4.231	5.	5.	6.75	16.7
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	11	730.	1682.727	11000.	270.	9765641.818	3125.003	288.	420.	960.	9200.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	12 ##	3.	4.417	16.	3.	14.629	3.825	3.	3.	3.	13.3
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	12	80.	97.5	290.	30.	5384.091	73.376	33.	42.5	117.5	254.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	12 ##	2.	3.417	11.	2.	6.629	2.575	2.	2.	4.	8.9
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	12	40.	57.5	160.	20.	1820.455	42.667	20.	30.	70.	148.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	11 ##	0.25	0.295	0.6	0.25	0.012	0.111	0.25	0.25	0.25	0.56
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/28/92	12	245.	1279.167	5300.	100.	3335662.879	1826.38	118.	170.	2625.	4940.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/28/92	12	2.389	2.685	3.724	2.	0.38	0.616	2.061	2.23	3.388	3.691
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			484.607								
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	8	14.6	13.288	29.5	1.9	89.336	9.452	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	8	611.5	573.125	722.	335.	15896.982	126.083	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	7	8.9	9.6	12.	8.3	2.253	1.501	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	5	1.2	1.4	3.2	0.5	1.235	1.111	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	11	17.	16.909	31.	10.	44.891	6.7	10.	10.	19.	29.8
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	7	7.33	7.473	7.84	7.14	0.074	0.271	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	7	7.33	7.407	7.84	7.14	0.079	0.281	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	7	0.047	0.039	0.072	0.014	0.	0.021	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	11	7.6	7.627	7.8	7.5	0.014	0.119	7.5	7.5	7.7	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	11	7.6	7.613	7.8	7.5	0.014	0.12	7.5	7.5	7.7	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	11	0.025	0.024	0.032	0.016	0.	0.006	0.016	0.02	0.032	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	11	164.	161.	206.	121.	995.2	31.547	122.2	128.	195.	205.2
00500	RESIDUE, TOTAL (MG/L)	04/21/82-07/28/92	11	367.	344.636	433.	209.	6541.655	80.88	209.2	305.	418.	430.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	11	9.	12.545	40.	2.	137.073	11.708	2.6	5.	16.	37.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	11	0.1	0.114	0.2	0.05	0.005	0.071	0.05	0.05	0.2	0.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	10	0.85	0.85	1.3	0.4	0.058	0.242	0.42	0.75	1.	1.27
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	11	1.3	1.473	2.5	0.8	0.342	0.585	0.82	0.9	2.1	2.44
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	11	0.05	0.056	0.1	0.03	0.001	0.024	0.03	0.04	0.07	0.098
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	11 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	11	212.	215.818	272.	155.	1641.564	40.516	157.4	182.	260.	269.8
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	11	22.	21.818	32.	10.	47.764	6.911	10.6	17.	27.	31.4
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	11	35.	35.727	60.	16.	169.418	13.016	16.6	28.	45.	57.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00951	FLUORIDE, TOTAL (MG/L AS F)	01/18/73-07/28/92	11	0.2	0.209	0.3	0.2	0.001	0.03	0.2	0.2	0.2	0.28
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/85-07/28/92	11	7.7	7.064	10.	2.	8.445	2.906	2.	6.	10.	10.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	11	0.9	0.864	1.	0.5	0.027	0.163	0.54	0.8	1.	1.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	11	40.	39.091	50.	20.	69.091	8.312	22.	40.	40.	50.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	11 ##	1.	1.364	3.	1.	0.455	0.674	1.	1.	2.	2.8
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	11 ##	5.	7.727	30.	5.	56.818	7.538	5.	5.	5.	26.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	11	6.	5.545	14.	2.	11.673	3.417	2.	2.	7.	12.6
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	11	530.	851.818	2500.	100.	584416.364	764.471	104.	260.	1200.	2340.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	11 ##	3.	4.364	18.	3.	20.455	4.523	3.	3.	3.	15.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	11	120.	103.636	170.	30.	1965.455	44.333	30.	60.	130.	162.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	11 ##	2.	2.273	5.	2.	0.818	0.905	2.	2.	2.	4.4
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	11	30.	30.909	50.	10.	209.091	14.46	12.	20.	50.	50.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	11 ##	0.25	0.259	0.35	0.25	0.001	0.03	0.25	0.25	0.25	0.33
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/28/92	11	400.	622.727	3000.	30.	686621.818	828.626	38.	160.	700.	2562.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/28/92	11	2.602	2.52	3.477	1.477	0.297	0.545	1.551	2.204	2.845	3.363
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			330.926								
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	6	14.2	13.55	23.2	4.3	50.487	7.105	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	6	548.	524.167	579.	440.	2961.367	54.418	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	6	7.3	8.417	12.6	6.6	5.754	2.399	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	3	1.	0.967	1.4	0.5	0.203	0.451	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	6	13.5	15.	22.	10.	18.4	4.29	**	**	**	**
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	6	7.85	7.657	8.38	6.72	0.401	0.633	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	6	7.841	7.277	8.38	6.72	0.574	0.758	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	6	0.014	0.053	0.191	0.004	0.005	0.074	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	6	7.7	7.583	7.7	7.2	0.042	0.204	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	6	7.7	7.536	7.7	7.2	0.044	0.211	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	6	0.02	0.029	0.063	0.02	0.	0.017	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	6	186.	184.667	219.	154.	649.867	25.492	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	04/21/82-07/28/92	6	414.5	398.167	460.	338.	2393.767	48.926	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	6	8.5	11.5	19.	7.	29.9	5.468	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	6	0.15	0.167	0.4	0.05	0.018	0.133	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	6	0.7	0.7	1.	0.4	0.04	0.2	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	6	1.85	1.883	2.6	1.4	0.198	0.445	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	6	0.07	0.072	0.1	0.05	0.	0.021	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	6 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	6	254.	251.333	278.	220.	557.867	23.619	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	5	30.	27.8	31.	20.	20.2	4.494	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	6	43.5	42.5	53.	32.	64.3	8.019	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	01/18/73-07/28/92	6	0.25	0.25	0.3	0.2	0.003	0.055	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/85-07/28/92	6	7.5	8.333	13.	6.	6.267	2.503	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	5	0.8	0.76	1.	0.5	0.043	0.207	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	5	50.	48.	60.	30.	120.	10.954	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	5 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	5 ##	2.	3.2	5.	2.	2.7	1.643	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	5	4.	3.8	7.	2.	4.2	2.049	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	5	870.	888.	1200.	560.	55970.	236.58	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	5 ##	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	5	90.	98.	130.	60.	770.	27.749	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	5	20.	22.	30.	20.	20.	4.472	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/28/92	6	210.	1463.333	7900.	40.	9950426.667	3154.43	**	**	**	**
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/28/92	6	2.31	2.454	3.898	1.602	0.59	0.768	**	**	**	**
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			284.69								
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 9/16 to 1/15 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	60	12.1	11.615	23.	2.	32.929	5.738	3.1	6.	16.75	18.9
00023	SAMPLE WEIGHT IN POUNDS	09/11/79-11/02/88	26	1.26	2.808	20.08	0.04	18.35	4.284	0.068	0.615	3.205	8.938
00024	SAMPLE LENGTH IN INCHES	09/11/79-11/02/88	26	14.665	14.884	31.1	3.82	46.297	6.804	4.65	11.463	18.408	25.98
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/80-11/28/90	29	15.	81.621	480.	4.	15849.458	125.895	4.	7.	100.	300.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	60	387.	401.383	683.	242.	9160.342	95.71	280.2	342.5	447.5	540.
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	59	9.1	8.89	13.	2.9	5.267	2.295	5.4	7.5	10.2	12.3
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	50	1.65	1.762	3.9	0.5	0.735	0.857	0.5	1.2	2.325	3.09
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	62	13.	16.419	100.	2.5	180.305	13.428	8.3	10.	18.25	23.7
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	51	7.6	7.596	8.5	6.7	0.139	0.373	7.1	7.4	7.8	8.08
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	51	7.6	7.436	8.5	6.7	0.165	0.406	7.1	7.4	7.8	8.08
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	51	0.025	0.037	0.2	0.003	0.001	0.038	0.008	0.016	0.04	0.079
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	62	7.7	7.663	8.5	6.2	0.135	0.367	7.2	7.475	7.8	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	62	7.7	7.438	8.5	6.2	0.186	0.431	7.2	7.475	7.8	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	62	0.02	0.037	0.631	0.003	0.006	0.08	0.008	0.016	0.034	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	39	156.	151.795	202.	73.	830.378	28.816	121.	134.	170.	190.
00500	RESIDUE, TOTAL (MG/L)	04/21/82-07/28/92	24	328.5	331.25	426.	209.	4329.413	65.798	223.	286.	389.5	419.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	62	11.5	21.177	244.	1.	1368.214	36.989	5.	7.	20.25	36.5
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/18/73-08/23/89	17	3.4	6.276	29.	0.5	73.338	8.564	0.9	1.8	5.9	28.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	62	0.3	0.389	1.8	0.02	0.138	0.371	0.05	0.1	0.525	1.07
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	40	0.7	0.82	2.	0.1	0.227	0.476	0.4	0.5	0.975	1.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	62	0.6	0.823	3.1	0.1	0.39	0.624	0.3	0.4	1.1	1.64
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	62	0.07	0.096	0.39	0.015	0.006	0.08	0.03	0.04	0.113	0.214
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	62	0.004	0.008	0.105	0.001	0.	0.015	0.003	0.003	0.005	0.018
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	39	208.	204.513	278.	97.	1516.572	38.943	155.	176.	236.	260.
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	32	13.	14.909	31.	5.1	47.185	6.869	7.	9.25	21.	25.4
00937	POTASSIUM, TOTAL MG/L AS K)	01/18/73-11/19/85	16	2.	2.625	4.4	2.	0.671	0.819	2.	2.	3.	4.12
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	62	20.	22.258	46.	9.	81.998	9.055	11.3	15.	29.	37.1
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	41	40.	42.951	75.	22.	184.898	13.598	28.	33.5	51.	63.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/18/73-07/28/92	35	0.2	0.233	1.3	0.05	0.039	0.198	0.1	0.2	0.2	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/85-07/28/92	20	6.5	5.94	10.4	2.	8.233	2.869	2.	2.5	8.	9.99
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	45	1.	1.258	5.	0.7	0.672	0.82	0.76	0.9	1.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	19	40.	42.105	70.	20.	173.099	13.157	30.	30.	50.	70.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	60 ##	2.	4.167	10.	1.	14.141	3.76	1.	1.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	49 ##	5.	7.041	15.	5.	7.207	2.685	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	60	10.	11.	70.	5.	132.881	11.527	5.	5.	10.	20.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	61	7.	10.787	40.	1.	81.87	9.048	2.	4.	20.	20.
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	49	500.	1135.51	11000.	100.	4209650.255	2051.743	200.	365.	1015.	1900.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	61	10.	14.164	40.	3.	112.506	10.607	3.	5.	20.	30.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	48	75.	103.125	530.	20.	9409.176	97.001	30.	42.5	120.	191.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	50	4.	6.207	40.	0.02	68.601	8.283	0.02	1.52	10.	10.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	19 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	50	40.	55.8	200.	10.	2506.49	50.065	20.	20.	70.	139.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	18 ##	0.25	0.322	1.	0.1	0.044	0.21	0.19	0.2	0.35	0.64
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	47	520.	3517.404	35000.	10.	38618181.377	6214.353	10.	72.	5100.	9760.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	47	2.716	2.714	4.544	1.	1.147	1.071	1.	1.857	3.708	3.989
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			517.928								
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	09/11/79-11/02/88	12	0.016	0.029	0.102	0.001	0.001	0.036	0.001	0.003	0.044	0.1
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	09/11/79-11/02/88	12	0.13	0.387	1.205	0.004	0.193	0.439	0.004	0.034	0.804	1.135
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	09/11/79-11/02/88	12	0.076	0.188	0.495	0.004	0.041	0.203	0.004	0.015	0.429	0.487
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	09/11/79-09/25/86	10	0.157	0.227	0.926	0.009	0.08	0.284	0.009	0.014	0.282	0.881
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	09/11/79-09/25/86	10	0.198	0.231	0.589	0.014	0.047	0.216	0.014	0.021	0.39	0.582
39515	PCBS (MG/KG) FISH TISSUE MG/KG	09/11/79-11/02/88	12	3.949	6.647	34.958	0.17	95.639	9.78	0.182	0.36	9.17	27.435
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/28/92	18	40042.	40845.611	90021.	10014.	394799690.84	19869.567	11265.9	32726.5	42737.	74614.8
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	61	0.1	0.101	0.4	0.05	0.005	0.074	0.05	0.05	0.1	0.2
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/11/79-11/02/88	38	1.	1.868	5.	1.	2.171	1.474	1.	1.	2.25	5.
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	09/11/79-11/02/88	12	0.012	0.06	0.344	0.004	0.01	0.1	0.004	0.005	0.08	0.284
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	09/11/79-11/02/88	12	0.012	0.036	0.128	0.003	0.002	0.041	0.003	0.004	0.069	0.112

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	21	2.	2.719	7.	-1.	5.745	2.397	0.	1.	5.	6.92
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/80-11/28/90	9	14.	27.889	100.	4.	1106.861	33.27	4.	5.5	47.	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	20	490.5	461.9	667.	184.	17584.516	132.607	261.3	362.5	558.25	648.3
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	20	12.1	11.675	14.	8.4	2.417	1.555	9.11	10.475	12.575	13.4
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	16	1.35	1.456	3.	0.5	0.744	0.863	0.5	0.625	2.1	2.93
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	21	14.	14.19	37.	1.	59.762	7.731	4.4	9.5	18.	23.8
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	17	7.78	7.699	8.3	7.	0.139	0.372	7.08	7.4	8.035	8.14
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	17	7.78	7.546	8.3	7.	0.164	0.405	7.08	7.4	8.035	8.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	17	0.017	0.028	0.1	0.005	0.001	0.027	0.007	0.009	0.04	0.084
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	20	7.65	7.62	8.2	7.	0.093	0.305	7.11	7.425	7.875	7.99
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	20	7.647	7.514	8.2	7.	0.105	0.324	7.11	7.425	7.875	7.99
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	20	0.023	0.031	0.1	0.006	0.001	0.024	0.01	0.013	0.038	0.078
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	12	148.	151.917	202.	124.	550.629	23.465	125.2	132.5	167.5	196.6
00500	RESIDUE, TOTAL (MG/L)	04/21/82-07/28/92	10	357.	349.7	433.	251.	5340.678	73.08	252.5	278.	420.25	432.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	20	14.5	17.4	71.	1.	299.516	17.307	2.2	5.25	19.5	51.4
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/18/73-08/23/89	7	3.4	3.271	6.4	1.	3.926	1.981	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	21	0.2	0.381	1.1	0.005	0.119	0.345	0.05	0.15	0.65	0.98
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	14	0.8	0.771	1.6	0.4	0.104	0.322	0.4	0.5	0.825	1.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	21	0.8	0.976	2.3	0.3	0.381	0.617	0.42	0.5	1.2	2.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	22	0.06	0.076	0.27	0.007	0.004	0.063	0.03	0.03	0.085	0.197
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	21 ##	0.003	0.01	0.05	0.003	0.	0.014	0.003	0.003	0.011	0.045
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	12	225.	222.917	272.	180.	1212.992	34.828	181.5	188.	259.5	271.4
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	17	17.	19.941	33.	9.	71.184	8.437	9.8	13.	29.	32.2
00937	POTASSIUM, TOTAL MG/L AS K)	01/18/73-11/19/85	8	2.5	2.5	3.	2.	0.286	0.535	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	20	26.5	32.	60.	8.	213.053	14.596	14.4	21.5	45.75	55.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	10	50.5	46.9	63.	28.	219.433	14.813	28.	31.	60.5	62.9
00951	FLUORIDE, TOTAL (MG/L AS F)	01/18/73-07/28/92	18	0.2	0.194	0.3	0.1	0.004	0.064	0.1	0.175	0.2	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/85-07/28/92	9	7.7	6.522	10.	1.	9.179	3.03	1.	4.	9.	10.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	13	0.7	0.731	1.	0.1	0.062	0.25	0.26	0.6	0.9	1.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	8	40.	36.25	40.	30.	26.786	5.175	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	21 ##	1.	3.857	10.	1.	16.629	4.078	1.	1.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	20 ##	5.	7.	10.	5.	6.316	2.513	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	21 ##	5.	7.143	10.	5.	6.429	2.535	5.	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	21	5.	9.667	20.	2.	70.433	8.392	2.	2.	20.	20.
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	21	600.	740.	2300.	150.	260790.	510.676	214.	345.	880.	1600.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	21	10.	13.524	40.	3.	146.062	12.086	3.	3.	20.	38.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	21	100.	99.048	250.	20.	2739.048	52.336	40.	55.	130.	158.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	21	2.	4.772	40.	0.02	76.391	8.74	0.02	0.03	5.	10.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	21	50.	63.333	170.	10.	2123.333	46.08	10.	20.	100.	128.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	8 ##	0.25	0.25	0.3	0.2	0.001	0.027	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	15	200.	545.333	3100.	10.	662198.095	813.756	10.	20.	900.	2020.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	15	2.301	2.208	3.491	1.	0.688	0.83	1.	1.301	2.954	3.265
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			161.457								
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/28/92	8	40026.	34921.375	42712.	10021.	115218485.982	10733.987	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	20 ##	0.05	0.103	0.6	0.05	0.015	0.123	0.05	0.05	0.1	0.19

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	79	15.	14.372	24.5	3.	31.684	5.629	7.	10.	19.	21.9
00024	SAMPLE LENGTH IN INCHES	09/11/79-11/02/88	1	25.39	25.39	25.39	25.39	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/80-11/28/90	36	20.	79.444	800.	8.	22783.625	150.942	9.7	14.	75.5	230.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	80	500.	488.9	722.	257.	11063.813	105.185	358.2	412.25	570.	618.8
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	80	7.2	7.276	12.5	2.6	4.905	2.215	4.21	5.6	8.9	10.45

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	67	2.2	2.415	9.3	0.5	1.64	1.281	1.2	1.6	2.9	3.92
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	81	21.	21.272	49.	7.	68.3	8.264	11.	15.	26.5	31.
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	67	7.5	7.494	8.38	6.4	0.111	0.334	7.094	7.31	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	67	7.5	7.348	8.38	6.4	0.133	0.365	7.094	7.31	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	67	0.032	0.045	0.398	0.004	0.003	0.054	0.013	0.02	0.049	0.081
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	82	7.6	7.512	8.2	6.1	0.105	0.324	7.13	7.4	7.7	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	82	7.6	7.334	8.2	6.1	0.138	0.371	7.13	7.4	7.7	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	82	0.025	0.046	0.794	0.006	0.008	0.089	0.013	0.02	0.04	0.075
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	54	166.5	160.222	219.	96.	893.799	29.896	121.	132.	185.5	196.5
00500	RESIDUE, TOTAL (MG/L)	04/21/82-07/28/92	34	378.5	366.441	506.	213.	3780.133	61.483	289.5	326.75	412.	424.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	82	16.	22.061	156.	2.	568.675	23.847	7.	9.75	24.	44.2
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/18/73-08/23/89	21	4.8	6.69	26.	1.	37.763	6.145	1.48	2.1	9.25	16.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	81	0.5	0.773	3.1	0.05	0.365	0.605	0.2	0.3	1.15	1.58
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	57	1.1	1.162	3.7	0.25	0.385	0.62	0.48	0.8	1.4	2.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	81	0.8	1.016	2.8	0.2	0.39	0.625	0.4	0.5	1.3	2.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	81	0.13	0.141	0.41	0.03	0.005	0.073	0.06	0.09	0.17	0.218
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	82	0.005	0.008	0.069	0.001	0.	0.012	0.003	0.003	0.007	0.015
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	54	231.	224.315	288.	118.	1451.05	38.093	165.	199.	257.	265.5
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	41	21.	21.307	35.	9.6	37.852	6.152	13.2	16.5	26.5	30.
00937	POTASSIUM, TOTAL MG/L AS K)	01/18/73-11/19/85	18	3.	3.167	4.	2.	0.265	0.514	2.9	3.	3.25	4.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	82	30.5	30.866	57.	9.	101.747	10.087	16.	23.75	38.	43.7
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	54	60.5	58.87	80.	6.	224.077	14.969	33.5	53.	69.5	76.5
00951	FLUORIDE, TOTAL (MG/L AS F)	01/18/73-07/28/92	47	0.2	0.233	0.5	0.05	0.006	0.078	0.18	0.2	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/85-07/28/92	27	7.	6.963	12.	2.	6.595	2.568	2.8	4.	9.	10.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	60	1.	1.15	4.	0.5	0.399	0.632	0.8	1.	1.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	26	50.	45.385	70.	30.	73.846	8.593	30.	40.	50.	50.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	79	2.	3.737	10.	0.2	12.461	3.53	1.	1.	5.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	67 ##	5.	7.239	10.	5.	6.275	2.505	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	79	10.	9.418	50.	2.	62.836	7.927	5.	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	78	7.	10.885	50.	2.	92.025	9.593	4.	5.	15.75	20.
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	68	1050.	1291.471	7400.	200.	1502887.357	1225.923	416.	700.	1375.	2230.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	78	10.	14.526	80.	3.	205.785	14.345	3.	5.	20.	30.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	66	130.	133.182	310.	20.	2926.643	54.098	60.	110.	150.	196.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	67	5.	7.173	40.	0.02	86.59	9.305	0.04	2.	10.	10.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	26 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	67	50.	62.239	210.	10.	1987.336	44.58	20.	30.	80.	142.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	26 ##	0.25	0.258	0.5	0.2	0.006	0.08	0.2	0.2	0.25	0.415
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	63	980.	4733.889	69000.	10.	113679297.939	10662.049	57.	320.	4300.	9520.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	63	2.991	3.009	4.839	1.	0.734	0.857	1.755	2.505	3.633	3.978
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1020.435								
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/28/92	23	31433.	28427.652	43333.	10014.	171564344.692	13098.257	10220.4	12804.	40924.	42707.2
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	81	0.1	0.094	0.6	0.05	0.006	0.077	0.05	0.05	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/18/73-07/28/92	36	23.	22.656	29.5	17.	7.528	2.744	18.7	20.25	24.	26.3
00023	SAMPLE WEIGHT IN POUNDS	09/11/79-11/02/88	30	1.2	1.439	4.13	0.04	1.637	1.28	0.061	0.12	2.63	3.355
00024	SAMPLE LENGTH IN INCHES	09/11/79-11/02/88	30	14.2	11.99	18.9	3.46	29.634	5.444	4.222	5.24	16.19	18.071
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/24/80-11/28/90	13	8.	9.192	18.	2.5	27.731	5.266	2.7	5.	13.5	18.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/18/73-07/28/92	35	440.	432.114	620.	260.	7363.398	85.81	306.	370.	500.	545.8
00300	OXYGEN, DISSOLVED MG/L	01/18/73-07/28/92	36	5.6	5.861	10.2	1.3	5.389	2.321	3.08	4.175	7.725	9.65
00310	BOD, 5 DAY, 20 DEG C MG/L	01/18/73-06/24/92	31	2.3	2.977	11.	1.3	4.039	2.01	1.54	1.9	3.2	5.28
00335	COD, .025N K2CR2O7 MG/L	01/18/73-07/28/92	37	15.	16.595	34.	2.5	59.401	7.707	9.	12.	22.	29.2
00400	PH (STANDARD UNITS)	01/18/73-07/28/92	28	7.6	7.595	8.3	6.9	0.122	0.349	7.09	7.348	7.875	8.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	01/18/73-07/28/92	28	7.6	7.463	8.3	6.9	0.14	0.374	7.09	7.348	7.875	8.01
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	28	0.025	0.034	0.126	0.005	0.001	0.029	0.01	0.013	0.045	0.081
00403	PH, LAB, STANDARD UNITS SU	01/18/73-07/28/92	37	7.5	7.535	8.3	6.7	0.14	0.374	7.08	7.25	7.85	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	01/18/73-07/28/92	37	7.5	7.386	8.3	6.7	0.163	0.404	7.08	7.25	7.85	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/18/73-07/28/92	37	0.032	0.041	0.2	0.005	0.001	0.038	0.008	0.014	0.057	0.084
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	22	165.	159.909	205.	120.	688.753	26.244	124.9	130.	180.	197.8
00500	RESIDUE, TOTAL (MG/L)	04/21/82-07/28/92	14	332.5	329.357	460.	210.	5188.863	72.034	211.5	278.	375.	442.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/18/73-07/28/92	37	10.	12.541	34.	2.	71.866	8.477	4.8	6.	17.5	28.2
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/18/73-08/23/89	10	3.2	4.88	14.	1.6	16.595	4.074	1.64	2.15	6.525	13.62
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/28/92	37	0.7	0.881	2.9	0.05	0.684	0.827	0.05	0.2	1.3	2.34
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/04/76-07/28/92	23	1.	1.139	2.4	0.4	0.383	0.619	0.4	0.6	1.5	2.18
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/18/73-07/28/92	37	0.6	0.78	2.5	0.05	0.421	0.649	0.2	0.3	0.9	2.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/18/73-07/28/92	37	0.12	0.231	1.6	0.04	0.119	0.346	0.05	0.085	0.185	0.56
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/18/73-07/28/92	37	0.005	0.022	0.38	0.001	0.005	0.07	0.002	0.003	0.008	0.026
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/19/80-07/28/92	22	208.	213.409	306.	150.	1538.158	39.219	167.3	184.	229.	277.6
00929	SODIUM, TOTAL (MG/L AS NA)	01/18/73-07/28/92	18	16.5	17.778	30.	8.	39.948	6.32	9.8	12.75	23.	30.
00937	POTASSIUM, TOTAL MG/L AS K)	01/18/73-11/19/85	9	3.	3.	4.	2.	0.25	0.5	2.	3.	3.	4.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/18/73-07/28/92	37	23.	24.973	48.	13.	79.971	8.943	14.	17.5	32.	36.2
00945	SULFATE, TOTAL (MG/L AS SO4)	01/18/73-06/21/89	25	43.	42.	64.	26.	123.5	11.113	26.6	31.5	52.	54.8
00951	FLUORIDE, TOTAL (MG/L AS F)	01/18/73-07/28/92	21	0.3	0.281	1.	0.1	0.031	0.175	0.2	0.2	0.3	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/16/85-07/28/92	14	5.8	5.511	13.	0.15	14.63	3.825	1.075	2.	8.25	12.2
01002	ARSENIC, TOTAL (UG/L AS AS)	03/22/78-07/28/92	26	1.	1.338	2.	0.8	0.242	0.492	1.	1.	2.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/28/92	12	40.	38.333	60.	20.	106.061	10.299	23.	30.	40.	57.
01027	CADMIUM, TOTAL (UG/L AS CD)	01/18/73-07/28/92	37 ##	2.	6.703	100.	1.	261.937	16.184	1.	1.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	01/18/73-07/28/92	29 ##	5.	6.897	10.	5.	6.096	2.469	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/18/73-07/28/92	37 ##	5.	7.892	40.	2.	36.099	6.008	5.	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	01/18/73-07/28/92	37	7.	10.784	50.	2.	95.896	9.793	4.	4.	20.	20.
01045	IRON, TOTAL (UG/L AS FE)	01/18/73-07/28/92	31	400.	539.677	1700.	120.	124223.226	352.453	176.	320.	650.	1064.
01051	LEAD, TOTAL (UG/L AS PB)	01/18/73-07/28/92	37 ##	10.	12.703	40.	3.	111.659	10.567	3.	3.	20.	30.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/18/73-07/28/92	29	70.	84.31	260.	20.	3024.507	54.996	30.	40.	120.	140.
01067	NICKEL, TOTAL (UG/L AS NI)	01/18/73-07/28/92	31 ##	2.	5.233	20.	0.02	35.101	5.925	0.022	2.	10.	18.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/28/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/18/73-07/28/92	31	30.	50.645	230.	10.	3066.237	55.374	12.	20.	60.	162.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/28/92	12 ##	0.25	0.25	0.4	0.1	0.005	0.071	0.13	0.213	0.288	0.37
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	27	2200.	6585.926	57000.	100.	134540571.225	11599.163	138.	440.	7200.	18600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/18/73-03/29/88	27	3.342	3.331	4.756	2.	0.548	0.74	2.14	2.643	3.857	4.264
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2140.604								
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	09/11/79-11/02/88	4	0.038	0.07	0.203	0.001	0.009	0.095	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	09/11/79-11/02/88	10	0.376	0.673	2.361	0.01	0.636	0.797	0.011	0.039	1.274	2.263
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	09/11/79-11/02/88	10	0.306	0.526	1.933	0.006	0.423	0.651	0.007	0.017	0.995	1.862
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	09/11/79-09/25/86	10	0.221	0.233	0.525	0.005	0.054	0.232	0.005	0.013	0.437	0.519
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	09/11/79-09/25/86	10	0.389	0.728	2.303	0.015	0.673	0.82	0.016	0.04	1.397	2.221
39515	PCBS (MG/KG) FISH TISSUE MG/KG	09/11/79-11/02/88	10	5.388	9.859	39.455	0.117	156.503	12.51	0.145	0.562	16.302	37.154
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/28/92	9	13026.	24999.556	71213.	10006.	414345562.778	20355.48	10006.	11815.	36635.	71213.
71900	MERCURY, TOTAL (UG/L AS HG)	01/18/73-07/28/92	37	0.1	0.142	1.3	0.05	0.046	0.214	0.05	0.05	0.1	0.3
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/11/79-11/02/88	40	1.	2.	5.	1.	3.077	1.754	1.	1.	4.	5.
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	09/11/79-11/02/88	10	0.175	0.751	5.18	0.005	2.512	1.585	0.006	0.027	0.692	4.751
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	09/11/79-11/02/88	10	0.15	0.21	0.565	0.003	0.048	0.219	0.003	0.013	0.412	0.551

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0031

NPS Station ID: INDU0031 LAT/LON: 41.722226/ -86.905004 Agency: 1115GLSB Date Created: 04/03/82
Location: TRAIL CR, APPROXIMATELY 1900 FT UPSTREAM OF MTH FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MCH70-05 /MCH70-05S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04040001002 RF1 Mile Point: 10.670 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 04040001000218.10 RF3 Mile Point: 19.19 Distance from RF3: 0.01 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE MICHIGAN CITY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE TRAIL CREEK, NORTH SIDE OF CHANNEL, APPROXIMATELY

Parameter Inventory for Station: INDU0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	06/09/70-06/09/70	1	316380.	316380.	316380.	316380.	0.	0.	**	**	**	**
00553	OIL & GREASE,SED,DRY WT,HXANE EXTR-GRAV METH,MG/KG	06/09/70-06/09/70	1	16870.	16870.	16870.	16870.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	06/09/70-06/09/70	1	845.	845.	845.	845.	0.	0.	**	**	**	**
00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	1	4823.	4823.	4823.	4823.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/09/70-06/09/70	1	8696.	8696.	8696.	8696.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/09/70-06/09/70	1	9660.	9660.	9660.	9660.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/09/70-06/09/70	1	244.	244.	244.	244.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/09/70-06/09/70	1	10897.	10897.	10897.	10897.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/09/70-06/09/70	1	31937.	31937.	31937.	31937.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/09/70-06/09/70	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	06/09/70-06/09/70	1	25.4	25.4	25.4	25.4	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	06/09/70-06/09/70	1	18.6	18.6	18.6	18.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0032

NPS Station ID: INDU0032 LAT/LON: 41.721948/ -86.905837 Agency: 1115GLSB Date Created: 04/03/82
Location: TRAIL CREEK, 1600 FT UPST OF MTH ON NORTH SHORE FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MCH75-04 /MCH75-04S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04040001002 RF1 Mile Point: 10.670 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 04040001000215.42 RF3 Mile Point: 17.11 Distance from RF3: 0.03 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE MICHIGAN CITY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE TRAIL CREEK, NORTH SIDE OF CHANNEL, 1600 FEET

Parameter Inventory for Station: INDU0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	1	202000.	202000.	202000.	202000.	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	1	7300.	7300.	7300.	7300.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	1	4300.	4300.	4300.	4300.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	1	3300.	3300.	3300.	3300.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	1	13000.	13000.	13000.	13000.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	1	620.	620.	620.	620.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	105.	105.	105.	105.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	1	1430.	1430.	1430.	1430.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	1	26000.	26000.	26000.	26000.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	1	13.6	13.6	13.6	13.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0033

NPS Station ID: INDU0033 LAT/LON: 41.721115/ -86.906116 Agency: 1115GLSB Date Created: 04/03/82
Location: TRAIL CREEK, 1600 FT UPST OF MTH ON SOUTH SHORE FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MCH75-03 /MCH75-03S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04040001002 RF1 Mile Point: 10.670 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 04040001000218.10 RF3 Mile Point: 18.95 Distance from RF3: 0.03 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE MICHIGAN CITY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE TRAIL CREEK, SOUTH SIDE OF CHANNEL, 1600 FEET

Parameter Inventory for Station: INDU0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	1	224000.	224000.	224000.	224000.	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	1	11000.	11000.	11000.	11000.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	1	360.	360.	360.	360.	0.	0.	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	1	5200.	5200.	5200.	5200.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	1	3600.	3600.	3600.	3600.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	1	17000.	17000.	17000.	17000.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	58.	58.	58.	58.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	1	260.	260.	260.	260.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	1	790.	790.	790.	790.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	1	2060.	2060.	2060.	2060.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	1	36000.	36000.	36000.	36000.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0034

NPS Station ID: INDU0034
LAT/LON: 41.576948/ -86.907226
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR04W08 SWSE S
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413437086542601
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001033600.00
RF3 Mile Point: 0.69
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/57-05/24/57	1	13.3	13.3	13.3	13.3	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/24/57-05/24/57	1	192.	192.	192.	192.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/24/57-05/24/57	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/57-05/24/57	1	256.	256.	256.	256.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/57-05/24/57	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/24/57-05/24/57	1	300.	300.	300.	300.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0034

				Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0035

NPS Station ID: INDU0035
LAT/LON: 41.576671/ -86.907226
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR04W16 NWNW S
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413436086542601
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001033600.00
RF3 Mile Point: 1.47
Distance from RF3: 0.48
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/26/62-04/26/62	1	360.	360.	360.	360.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/26/62-04/26/62	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/26/62-04/26/62	1	420.	420.	420.	420.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/26/62-04/26/62	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/26/62-04/26/62	1	95.	95.	95.	95.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/26/62-04/26/62	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/26/62-04/26/62	1	505.	505.	505.	505.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0035

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0036

NPS Station ID: INDU0036 LAT/LON: 41.722503/ -86.907782 Agency: 1115GLSB Date Created: 04/03/82
Location: TRAIL CREEK, 650 FEET UPSTREAM OF MOUTH FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MCH75-02 /MCH75-02S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04040001002 RF1 Mile Point: 10.670 Distance from RF1: 2.10 On/Off RF1: OFF
RF3 Index: 04040001000218.10 RF3 Mile Point: 19.21 Distance from RF3: 0.00 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE MICHIGAN CITY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE TRAIL CREEK, WEST SIDE OF CHANNEL, 650 FEET

Parameter Inventory for Station: INDU0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	1	111000.	111000.	111000.	111000.	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	1	4300.	4300.	4300.	4300.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	1	3100.	3100.	3100.	3100.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	1	22000.	22000.	22000.	22000.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	1	610.	610.	610.	610.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	75.	75.	75.	75.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	1	870.	870.	870.	870.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	1	24000.	24000.	24000.	24000.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0037

NPS Station ID: INDU0037 LAT/LON: 41.724170/ -86.908059 Agency: 1115GLSB Date Created: 04/03/82
Location: MOUTH OF TRAIL CR, 75 FT UPST OF SM BOAT HARBOR FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MCH75-01 /MCH75-01S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 04040001000218.10 RF3 Mile Point: 18.80 Distance from RF3: 0.02 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE MICHIGAN CITY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM MOUTH OF TRAIL CREEK, EAST SIDE OF CHANNEL, 75 FEET

Parameter Inventory for Station: INDU0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	03/17/75-03/17/75	1	73000.	73000.	73000.	73000.	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	03/17/75-03/17/75	1	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	03/17/75-03/17/75	1	93.	93.	93.	93.	0.	0.	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	03/17/75-03/17/75	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	03/17/75-03/17/75	1	720.	720.	720.	720.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	03/17/75-03/17/75	1	23000.	23000.	23000.	23000.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/17/75-03/17/75	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/17/75-03/17/75	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	63.	63.	63.	63.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	56.	56.	56.	56.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	03/17/75-03/17/75	1	56.	56.	56.	56.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/17/75-03/17/75	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/17/75-03/17/75	1	510.	510.	510.	510.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/17/75-03/17/75	1	55.	55.	55.	55.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/17/75-03/17/75	1	360.	360.	360.	360.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	03/17/75-03/17/75	1	17000.	17000.	17000.	17000.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/17/75-03/17/75	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	03/17/75-03/17/75	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0038

NPS Station ID: INDU0038
LAT/LON: 41.588059/ -86.908338
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR04W08 NWNE S
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413517086543001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001010800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.42
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/57-05/24/57	1	10.6	10.6	10.6	10.6	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/24/57-05/24/57	1	272.	272.	272.	272.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	05/24/57-05/24/57	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/57-05/24/57	1	328.	328.	328.	328.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/57-05/24/57	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/24/57-05/24/57	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0038

				Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0039

NPS Station ID: INDU0039 LAT/LON: 41.723615/ -86.908338 Agency: 1115GLSB Date Created: 04/03/82
Location: MOUTH OF TRAIL CREEK AT MICHIGAN CITY HARBOR FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): MCH70-04 /MCH70-04S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04040001002 RF1 Mile Point: 10.670 Distance from RF1: 4.10 On/Off RF1: OFF
RF3 Index: 04040001000218.10 RF3 Mile Point: 19.58 Distance from RF3: 0.09 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE MICHIGAN CITY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM MOUTH OF TRAIL CREEK, WEST SIDE OF CHANNEL,

Parameter Inventory for Station: INDU0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	06/09/70-06/09/70	1	33120.	33120.	33120.	33120.	0.	0.	**	**	**	**
00553	OIL & GREASE,SED,DRY WT,HXANE EXTR-GRAV METH,MG/KG	06/09/70-06/09/70	1	1354.	1354.	1354.	1354.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	06/09/70-06/09/70	1	236.	236.	236.	236.	0.	0.	**	**	**	**
00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	1	1077.	1077.	1077.	1077.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/09/70-06/09/70	1	772.	772.	772.	772.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/09/70-06/09/70	1	2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/09/70-06/09/70	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/09/70-06/09/70	1	925.	925.	925.	925.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/09/70-06/09/70	1	8095.	8095.	8095.	8095.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/09/70-06/09/70	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	06/09/70-06/09/70	1	59.8	59.8	59.8	59.8	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	06/09/70-06/09/70	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0040

NPS Station ID: INDU0040
LAT/LON: 41.726670/ -86.909448
Agency: 21IND
Date Created: 02/21/81
Location: MOUTH-TRAIL CREEK
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359073 /73-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 21
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 4.10
On/Off RF1:
RF3 Index: 04040001000218.10
RF3 Mile Point: 19.60
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/80-09/23/81	43	17.	15.663	24.	6.5	34.864	5.905	6.94	11.5	20.5	24.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-09/23/81	8	45.	42.	48.	30.	51.429	7.171	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/08/80-09/23/81	43	250.	237.488	370.	140.	4020.732	63.409	140.	210.	270.	300.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/80-09/23/81	43	330.	322.837	560.	95.	7138.044	84.487	176.	320.	355.	390.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/08/80-09/23/81	43	9.	9.56	15.	5.7	5.411	2.326	7.4	7.9	10.7	13.84
00400	PH (STANDARD UNITS)	04/08/80-09/23/81	43	8.1	8.103	8.7	7.7	0.037	0.192	7.9	8.	8.2	8.366
00400	CONVERTED PH (STANDARD UNITS)	04/08/80-09/23/81	43	8.1	8.065	8.7	7.7	0.038	0.196	7.9	8.	8.2	8.366
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/80-09/23/81	43	0.008	0.009	0.02	0.002	0.	0.004	0.004	0.006	0.01	0.013
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	05/22/80-07/21/80	3	51.5	47.8	69.5	22.4	564.87	23.767	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/08/80-09/23/81	19	0.14	0.185	0.632	0.031	0.027	0.163	0.033	0.069	0.32	0.408
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/80-09/23/81	19	0.605	0.664	1.475	0.165	0.111	0.333	0.3	0.4	0.81	1.25
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/08/80-09/23/81	19	0.3	0.346	0.57	0.21	0.011	0.105	0.23	0.26	0.42	0.54
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/80-09/23/81	19	0.032	0.035	0.089	0.012	0.	0.017	0.018	0.022	0.042	0.056
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/08/80-09/23/81	19 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
00940	CHLORIDE,TOTAL IN WATER MG/L	04/08/80-09/23/81	19	13.	14.368	23.	10.	13.468	3.67	11.	12.	16.	21.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/08/80-09/23/81	19	29.	31.842	73.	24.	126.474	11.246	24.	26.	32.	46.
00956	SILICA, TOTAL (MG/L AS SI02)	04/08/80-09/23/81	19	1.5	1.879	5.4	0.3	1.713	1.309	0.4	1.	2.	4.4
01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-09/23/81	15 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-09/23/81	15	32.	32.867	43.	21.	47.552	6.896	21.6	28.	40.	41.8
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-09/23/81	15 ##	0.5	0.633	1.	0.5	0.052	0.229	0.5	0.5	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-09/23/81	15	2.	2.467	5.	1.	1.41	1.187	1.	2.	3.	4.4
01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-09/23/81	15	4.	4.533	8.	2.	2.981	1.727	2.	3.	6.	7.4
01045	IRON, TOTAL (UG/L AS FE)	05/20/80-09/23/81	15	360.	384.733	770.	192.	31019.495	176.124	208.8	238.	440.	704.
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-09/23/81	15	1.	2.6	9.	0.5	7.043	2.654	0.5	0.5	5.	7.2
01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-09/23/81	15 ##	0.05	0.26	0.5	0.05	0.054	0.232	0.05	0.05	0.5	0.5
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-09/23/81	15 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/08/80-09/23/81	19 ##	1.	2.158	8.	1.	3.918	1.979	1.	1.	3.	5.
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/22/80-07/21/80	3 ##	0.15	0.117	0.15	0.05	0.003	0.058	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/22/80-07/21/80	3 ##	0.15	0.117	0.15	0.05	0.003	0.058	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/22/80-07/21/80	3 ##	0.25	0.183	0.25	0.05	0.013	0.115	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/22/80-07/21/80	3 ##	0.15	0.117	0.15	0.05	0.003	0.058	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/22/80-07/21/80	3 ##	0.25	0.183	0.25	0.05	0.013	0.115	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/22/80-07/21/80	3 ##	3.5	2.5	3.5	0.5	3.	1.732	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/22/80-07/21/80	3 ##	0.75	0.517	0.75	0.05	0.163	0.404	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/22/80-07/21/80	3 ##	1.5	1.167	1.5	0.5	0.333	0.577	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/22/80-07/21/80	3 ##	0.005	0.008	0.015	0.005	0.	0.006	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/22/80-07/21/80	3	0.003	0.003	0.004	0.002	0.	0.001	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	05/20/80-08/26/80	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/22/80-07/21/80	3 ##	0.15	0.117	0.15	0.05	0.003	0.058	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-09/23/81	15 ##	0.05	0.073	0.2	0.05	0.003	0.053	0.05	0.05	0.05	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0040

Parameter				Total	Exceed	Prop.	9/16-1/15			1/16-3/15			3/16-7/15			7/16-9/15		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	43	0	0.00	9	0	0.00				19	0	0.00	15	0	0.00
00400	PH	Other-Hi Lim.	9.	43	0	0.00	9	0	0.00				19	0	0.00	15	0	0.00
		Other-Lo Lim.	6.5	43	0	0.00	9	0	0.00				19	0	0.00	15	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	19	0	0.00	4	0	0.00				9	0	0.00	6	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	19	0	0.00	4	0	0.00				9	0	0.00	6	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	19	0	0.00	4	0	0.00				9	0	0.00	6	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	19	0	0.00	4	0	0.00				9	0	0.00	6	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	15	0	0.00	4	0	0.00				7	0	0.00	4	0	0.00
		Drinking Water	50.	15	0	0.00	4	0	0.00				7	0	0.00	4	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	15	0	0.00	4	0	0.00				7	0	0.00	4	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	15	0	0.00	4	0	0.00				7	0	0.00	4	0	0.00
		Drinking Water	5.	15	0	0.00	4	0	0.00				7	0	0.00	4	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	15	0	0.00	4	0	0.00				7	0	0.00	4	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	15	0	0.00	4	0	0.00				7	0	0.00	4	0	0.00
		Drinking Water	1300.	15	0	0.00	4	0	0.00				7	0	0.00	4	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	15	0	0.00	4	0	0.00				7	0	0.00	4	0	0.00
		Drinking Water	5.	15	4	0.27	4	0	0.00				7	2	0.29	4	2	0.50
01077	SILVER, TOTAL	Fresh Acute	4.1	15	0	0.00	4	0	0.00				7	0	0.00	4	0	0.00
		Drinking Water	50.	15	0	0.00	4	0	0.00				7	0	0.00	4	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	15	0	0.00	4	0	0.00				7	0	0.00	4	0	0.00
		Drinking Water	50.	15	0	0.00	4	0	0.00				7	0	0.00	4	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	4	0	0.00							1	0	0.00	3	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	4	0	0.00							1	0	0.00	3	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	4	0	0.00							1	0	0.00	3	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	4	0	0.00							1	0	0.00	3	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	4	0	0.00							1	0	0.00	3	0	0.00
		Drinking Water	0.2	4	0	0.00							1	0	0.00	3	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	4	0	0.00							1	0	0.00	3	0	0.00
		Drinking Water	3.	4	0	0.00							1	0	0.00	3	0	0.00
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	4	0	0.00							1	0	0.00	3	0	0.00
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	4	0	0.00							1	0	0.00	3	0	0.00
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	4	0	0.00							1	0	0.00	3	0	0.00
		Drinking Water	0.2	4	0	0.00							1	0	0.00	3	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	15	0	0.00	4	0	0.00				7	0	0.00	4	0	0.00
		Drinking Water	2.	15	0	0.00	4	0	0.00				7	0	0.00	4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0041

NPS Station ID: INDU0041
LAT/LON: 41.726949/ -86.909726
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-72
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359072 /72-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 23
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 12.30
On/Off RF1:
RF3 Index: 04040001000215.42
RF3 Mile Point: 15.67
Distance from RF3: 0.87
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/80-10/15/80	15	17.5	16.033	19.	12.5	5.088	2.256	12.8	13.5	17.5	18.4
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/80-10/15/80	2	45.	45.	54.	36.	162.	12.728	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/23/80-10/15/80	15	250.	233.667	255.	190.	637.381	25.246	190.	210.	250.	252.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/80-10/15/80	15	350.	351.333	420.	300.	1701.667	41.251	306.	310.	390.	420.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/23/80-10/15/80	15	8.6	8.433	9.2	7.	0.407	0.638	7.36	7.7	8.8	9.14
00400	PH (STANDARD UNITS)	06/23/80-10/15/80	15	8.1	8.067	8.3	7.7	0.03	0.172	7.76	8.	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	06/23/80-10/15/80	15	8.1	8.033	8.3	7.7	0.031	0.175	7.76	8.	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/80-10/15/80	15	0.008	0.009	0.02	0.005	0.	0.004	0.005	0.006	0.01	0.017
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	06/23/80-09/17/80	3	31.3	33.233	41.6	26.8	57.563	7.587	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/23/80-06/23/80	2	0.29	0.29	0.32	0.26	0.002	0.042	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/80-10/15/80	8	0.17	0.388	1.38	0.098	0.218	0.467	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/80-10/15/80	8	0.51	0.918	3.	0.31	0.866	0.93	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/80-10/15/80	8	0.27	0.269	0.32	0.21	0.002	0.049	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/80-10/15/80	8	0.03	0.031	0.048	0.02	0.	0.008	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/23/80-10/15/80	8 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/80-10/15/80	8	12.5	12.875	18.	10.	7.554	2.748	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/80-10/15/80	8	29.5	29.25	38.	23.	30.214	5.497	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	06/23/80-10/15/80	8	1.75	1.713	2.	1.2	0.081	0.285	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/17/80-09/17/80	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	09/17/80-09/17/80	3	26.	24.667	26.	22.	5.333	2.309	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/17/80-09/17/80	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/17/80-09/17/80	3	4.	3.667	4.	3.	0.333	0.577	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/17/80-09/17/80	3	3.	3.	3.	3.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/17/80-09/17/80	3	310.	310.	320.	300.	100.	10.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/17/80-09/17/80	3	3.	2.667	3.	2.	0.333	0.577	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/17/80-09/17/80	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/17/80-09/17/80	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/23/80-10/15/80	8 ##	1.5	2.375	5.	1.	2.839	1.685	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/23/80-09/17/80	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/23/80-09/17/80	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/23/80-09/17/80	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/23/80-09/17/80	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/23/80-09/17/80	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/23/80-09/17/80	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/23/80-09/17/80	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/80-09/17/80	3 ##	0.25	0.333	0.5	0.25	0.021	0.144	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/80-09/17/80	3 ##	0.05	0.035	0.05	0.005	0.001	0.026	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/80-09/17/80	3 ##	0.05	0.034	0.05	0.001	0.001	0.028	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	06/23/80-09/17/80	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/23/80-09/17/80	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/23/80-06/23/80	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/17/80-09/17/80	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: INDU0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	15	0	0.00	10	0	0.00				5	0	0.00			
00400	PH	Other-Hi Lim.	9.	15	0	0.00	10	0	0.00				5	0	0.00			
		Other-Lo Lim.	6.5	15	0	0.00	10	0	0.00				5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	6	0	0.00				2	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	8	0	0.00	6	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	6	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	8	0	0.00	6	0	0.00				2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	3	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	3	0	0.00	1	0	0.00				2	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	3	0	0.00	1	0	0.00				2	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	3	0	0.00	1	0	0.00				2	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	3	0	0.00	1	0	0.00				2	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	0.2	3	0	0.00	1	0	0.00				2	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	3.	3	0	0.00	1	0	0.00				2	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	3	0	0.00	1	0	0.00				2	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	3	0	0.00	1	0	0.00				2	0	0.00			
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	0.2	3	0	0.00	1	0	0.00				2	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	3	0	0.00									
		Drinking Water	2.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0042

NPS Station ID: INDU0042
LAT/LON: 41.598615/ -86.910004
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR04W05 NWSE S
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413555086543601
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001032500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.30
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/57-08/30/57	1	286.	286.	286.	286.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/30/57-08/30/57	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/57-08/30/57	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/30/57-08/30/57	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/30/57-08/30/57	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0042

				Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0043

NPS Station ID: INDU0043 LAT/LON: 41.726392/ -86.910559 Agency: 1115GLSB Date Created: 04/03/82
Location: MICHIGAN CITY HRBR, 100 FT NE OF WEST PIER LIGHT FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): MCH70-03 /MCH70-03S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: WHITE ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 5.80 On/Off RF1:
RF3 Index: 04040001000218.10 RF3 Mile Point: 19.63 Distance from RF3: 0.26 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE MICHIGAN CITY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM MICHIGAN CITY HARBOR, CENTER OF CHANNEL, 100 FEET

Parameter Inventory for Station: INDU0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	06/09/70-06/09/70	1	3285.	3285.	3285.	3285.	0.	0.	**	**	**	**
00553	OIL & GREASE,SED,DRY WT,HXANE EXTR-GRAV METH,MG/KG	06/09/70-06/09/70	1	217.	217.	217.	217.	0.	0.	**	**	**	**
00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/09/70-06/09/70	1	126.	126.	126.	126.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/09/70-06/09/70	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/09/70-06/09/70	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/09/70-06/09/70	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/09/70-06/09/70	1	3111.	3111.	3111.	3111.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/09/70-06/09/70	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	06/09/70-06/09/70	1	76.	76.	76.	76.	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	06/09/70-06/09/70	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0044

NPS Station ID: INDU0044
Location: NIPSCO MICHIGAN CITY
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 04040001
Major Basin: 08 WESTERN GREAT LAKES
Minor Basin: 49 CALUMET-BURNS DITCH
RF1 Index: 04040001002
RF3 Index: 04040001047300.00
Description:
STATE LINE STATION DISCHARGE

LAT/LON: 41.722226/ -86.911115
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 10.270
RF3 Mile Point: 1.22

Agency: 21INDN
FIPS State/County: 18091 INDIANA/LA PORTE
STORET Station ID(s): 314801 /IN0000116
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.24

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: INDU0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/01/72-04/30/73	211	51.	54.422	83.	38.	100.845	10.042	45.	47.	59.	72.8
00056	FLOW, RATE GALLONS/DAY	09/01/72-04/30/73	211	1555.	9631079.227	97980000.	1004.	**********	26400135.88	1029.	1029.	2058.	57600000.
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/72-04/25/73	13	3.5	3.377	7.2	0.	6.089	2.468	0.04	0.85	5.35	6.8
00400	PH (STANDARD UNITS)	09/06/72-04/25/73	13	7.65	7.772	8.2	7.4	0.055	0.235	7.48	7.62	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	09/06/72-04/25/73	13	7.65	7.719	8.2	7.4	0.058	0.242	7.48	7.62	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/72-04/25/73	13	0.022	0.019	0.04	0.006	0.	0.009	0.006	0.013	0.024	0.034
00500	RESIDUE, TOTAL (MG/L)	09/06/72-04/25/73	13	268.	288.077	372.	240.	1675.577	40.934	242.4	256.	321.5	358.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/06/72-04/25/73	13	34.	35.462	98.	6.	541.103	23.262	8.4	18.5	42.	80.4
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/06/72-04/25/73	13	95.	1648.615	16000.	0.	19256797.423	4388.257	10.	52.5	735.	10800.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/06/72-04/25/73	13	1.978	2.223	4.204	0.	1.067	1.033	0.559	1.72	2.836	3.913
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			167.136								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/20/72-04/25/73	12	0.1	0.096	0.25	0.05	0.003	0.058	0.05	0.05	0.1	0.22

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0044

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	13	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	13	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00	1	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	13	3	0.23	5	2	0.40	5	0	0.00	2	1	0.50	1	0	0.00
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	12	12	1.00	5	5	1.00	5	5	1.00	2	2	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0045

NPS Station ID: INDU0045
LAT/LON: 41.722226/ -86.911142
Agency: 21INDN
Date Created: / /
Location: NIPSCO MICHIGAN CITY
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 314802
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 10.270
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001003700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:
STATE LINE STATION INTAKE

Parameter Inventory for Station: INDU0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/01/72-04/30/73	208	42.	44.899	73.	32.	107.608	10.373	34.	37.	50.	63.
00310	BOD, 5 DAY, 20 DEG C MG/L	09/06/72-04/25/73	13	3.9	3.677	6.2	0.3	3.299	1.816	0.82	1.85	5.15	5.96
00400	PH (STANDARD UNITS)	09/06/72-04/25/73	13	7.8	7.812	8.25	7.55	0.048	0.219	7.55	7.635	7.95	8.19
00400	CONVERTED PH (STANDARD UNITS)	09/06/72-04/25/73	13	7.8	7.765	8.25	7.55	0.05	0.225	7.55	7.635	7.95	8.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/72-04/25/73	13	0.016	0.017	0.028	0.006	0.	0.008	0.007	0.011	0.023	0.028
00500	RESIDUE, TOTAL (MG/L)	09/06/72-04/25/73	13	280.	258.308	353.	32.	5909.731	76.875	103.2	241.	297.	335.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/06/72-04/25/73	13	42.	41.154	68.	9.	358.308	18.929	10.2	25.	57.5	64.4
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/06/72-04/25/73	13	40.	2733.231	29000.	0.	63479901.192	7967.428	8.	21.5	895.	19000.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	09/06/72-04/25/73	13	1.602	2.091	4.462	0.	1.4	1.183	0.52	1.331	2.949	4.118
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			123.369								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	09/06/72-04/25/73	13	0.05	0.085	0.2	0.05	0.002	0.047	0.05	0.05	0.1	0.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0045

				Total	Exceed	Prop.	9/16-1/15			1/16-3/15			3/16-7/15			7/16-9/15		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	13	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	13	0	0.00	5	0	0.00	5	0	0.00	2	0	0.00	1	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	13	3	0.23	5	2	0.40	5	0	0.00	2	1	0.50	1	0	0.00
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	13	13	1.00	5	5	1.00	5	5	1.00	2	2	1.00	1	1	1.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0046

NPS Station ID: INDU0046 LAT/LON: 41.730559/ -86.913337 Agency: 1115GLSB Date Created: 04/03/82
Location: MICHIGAN CITY HRBR, 450 FT NW OF E BREAKWATER LT FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): MCH70-01 /MCH70-01S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 9.30 On/Off RF1:
RF3 Index: 04040001050100.00 RF3 Mile Point: 1.11 Distance from RF3: 1.14 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE MICHIGAN CITY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM MICHIGAN CITY HARBOR, EAST SIDE OF CHANNEL, 450 FEET

Parameter Inventory for Station: INDU0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	06/09/70-06/09/70	1	3975.	3975.	3975.	3975.	0.	0.	**	**	**	**
00553	OIL & GREASE,SED,DRY WT,HXANE EXTR-GRAV METH,MG/KG	06/09/70-06/09/70	1	391.	391.	391.	391.	0.	0.	**	**	**	**
00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/09/70-06/09/70	1	56.8	56.8	56.8	56.8	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/09/70-06/09/70	1	350.	350.	350.	350.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/09/70-06/09/70	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/09/70-06/09/70	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/09/70-06/09/70	1	2182.	2182.	2182.	2182.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/09/70-06/09/70	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	06/09/70-06/09/70	1	67.7	67.7	67.7	67.7	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	06/09/70-06/09/70	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0047

NPS Station ID: INDU0047 LAT/LON: 41.727782/ -86.913892 Agency: 1115GLSB Date Created: 04/03/82
Location: MICHIGAN CITY HRBR, 400 FT SW OF E BREAKWATER LT FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): MCH70-02 /MCH70-02S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 7.20 On/Off RF1:
RF3 Index: 04040001000218.10 RF3 Mile Point: 19.63 Distance from RF3: 0.33 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE MICHIGAN CITY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM MICHIGAN CITY HARBOR, WEST SIDE OF CHANNEL, 400 FEET

Parameter Inventory for Station: INDU0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	06/09/70-06/09/70	1	4420.	4420.	4420.	4420.	0.	0.	**	**	**	**
00553	OIL & GREASE,SED,DRY WT,HXANE EXTR-GRAV METH,MG/KG	06/09/70-06/09/70	1	172.	172.	172.	172.	0.	0.	**	**	**	**
00621	NITRATE NITROGEN, BOTTOM DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	06/09/70-06/09/70	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	06/09/70-06/09/70	1	95.1	95.1	95.1	95.1	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	06/09/70-06/09/70	1	400.	400.	400.	400.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/09/70-06/09/70	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/09/70-06/09/70	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	06/09/70-06/09/70	1	2572.	2572.	2572.	2572.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/09/70-06/09/70	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	06/09/70-06/09/70	1	78.3	78.3	78.3	78.3	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	06/09/70-06/09/70	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0048

NPS Station ID: INDU0048
LAT/LON: 41.716670/ -86.916671
Agency: 21INDNR
Date Created: 08/22/78
Location: LAKE MICHIGAN OFF KIENTZELE DITC
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 999
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 7.50
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 11.20
Distance from RF3: 0.38
On/Off RF3:
Description:
SOURCE: DEPARTMENT OF NATURAL RESOURCES, INDIANA. PURPOSE: FISH COLLECTED FROM LAKE MICHIGAN AND ANALYZED FOR CONTENT OF VARIOUS PESTICIDES AND HEAVY METALS. SAMPLE TAKEN FROM LAKE MICHIGAN OFF KIENTZELE DITCH

Parameter Inventory for Station: INDU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00023	SAMPLE WEIGHT IN POUNDS	05/12/76-05/12/76	3	1.	7.333	20.	1.	120.333	10.97	**	**	**	**
00024	SAMPLE LENGTH IN INCHES	10/24/74-10/26/77	137	27.	26.57	34.	0.05	17.921	4.233	22.	24.	30.	32.
34690	PCB - 1254 WET WGTTISMG/KG	03/04/71-10/29/76	61	35.	66.884	490.	0.05	9043.671	95.098	1.58	8.35	78.5	198.
39105	PERCENT FAT HEXANE EXTRACTION	05/14/69-10/27/77	145	15.5	13.503	30.	0.05	57.803	7.603	2.	7.	19.45	22.2
39302	P P DDT IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	180	0.335	4.327	40.7	0.01	70.137	8.375	0.05	0.05	4.075	15.63
39312	P P DDD IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	173 ##	0.05	0.609	10.9	0.04	3.763	1.94	0.05	0.05	0.05	1.4
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/14/69-10/30/76	179	10.	26.442	200.	0.05	1568.691	39.607	0.2	1.9	30.6	80.
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	04/06/76-10/27/77	90	14.98	27.725	130.	0.05	1104.651	33.236	0.116	3.618	40.525	89.64
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	03/04/71-10/27/77	239	0.34	1.093	10.	0.02	2.633	1.623	0.05	0.05	1.51	3.46
39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/01/71-10/27/77	191	29.4	76.477	728.	0.005	16448.407	128.251	1.42	5.8	81.5	190.8
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/06/70-10/27/77	204	0.26	0.266	1.1	0.04	0.032	0.18	0.05	0.05	0.4	0.5
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/14/69-10/27/77	264	3.	2.932	12.	1.	1.836	1.355	1.	3.	3.	3.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	05/14/69-10/27/77	255	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Annual Analysis for 1969 - Station INDU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39302	P P DDT IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	14	3.5	9.171	32.	0.4	108.081	10.396	0.4	1.075	17.	28.
39312	P P DDD IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	14	3.4	4.979	10.	0.9	13.791	3.714	0.9	1.95	10.	10.
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/14/69-10/30/76	14	1.55	4.35	16.	0.2	28.478	5.336	0.2	0.475	7.475	14.6
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/14/69-10/27/77	14	1.	1.143	2.	1.	0.132	0.363	1.	1.	1.	2.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	05/14/69-10/27/77	14	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station INDU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39302	P P DDT IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	6	4.7	8.927	24.	0.16	98.475	9.923	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/14/69-10/30/76	6	10.2	14.85	43.2	0.3	266.887	16.337	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/06/70-10/27/77	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/14/69-10/27/77	6	1.	1.	1.	1.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	05/14/69-10/27/77	6	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station INDU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39302	P P DDT IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	10	1.05	4.511	15.7	0.01	39.728	6.303	0.014	0.05	11.075	15.56
39312	P P DDD IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/14/69-10/30/76	10	3.3	7.23	30.6	0.05	96.017	9.799	0.05	0.088	11.2	29.02
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	03/04/71-10/27/77	8	0.3	1.125	4.2	0.05	2.804	1.675	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/06/70-10/27/77	4	0.195	0.198	0.36	0.04	0.024	0.156	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/14/69-10/27/77	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	05/14/69-10/27/77	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station INDU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39302	P P DDT IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	4	2.15	2.175	4.3	0.1	5.476	2.34	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/14/69-10/30/76	4	10.3	11.75	25.9	0.5	167.99	12.961	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	03/04/71-10/27/77	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/14/69-10/27/77	4	4.	4.	4.	4.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	05/14/69-10/27/77	4	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station INDU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39302	P P DDT IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	8	0.3	1.3	3.4	0.05	2.531	1.591	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	8	0.275	0.621	1.5	0.04	0.477	0.691	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/14/69-10/30/76	8	3.05	4.956	14.3	0.1	31.664	5.627	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	03/04/71-10/27/77	8	0.225	0.609	2.1	0.03	0.568	0.753	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station INDU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/06/70-10/27/77	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/14/69-10/27/77	8	6.	6.75	12.	2.	12.214	3.495	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	05/14/69-10/27/77	8	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station INDU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39302	P P DDT IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	16	1.85	9.179	37.	0.05	185.939	13.636	0.05	0.05	12.975	36.3
39312	P P DDD IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	16 ##	0.05	0.109	1.	0.05	0.056	0.238	0.05	0.05	0.05	0.335
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/14/69-10/30/76	16	15.7	34.546	177.	0.05	1966.857	44.349	0.281	5.	56.	95.1
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	03/04/71-10/27/77	16 ##	0.05	0.129	1.	0.05	0.058	0.241	0.05	0.05	0.05	0.51
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/06/70-10/27/77	13	0.11	0.194	0.46	0.05	0.028	0.166	0.05	0.05	0.355	0.444
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/14/69-10/27/77	16	3.	3.75	6.	3.	1.8	1.342	3.	3.	5.25	6.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	05/14/69-10/27/77	16	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station INDU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39302	P P DDT IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	34	4.	8.029	34.	0.01	95.341	9.764	0.25	0.7	13.	26.8
39312	P P DDD IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	34 ##	0.05	0.686	10.9	0.05	4.88	2.209	0.05	0.05	0.05	2.05
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/14/69-10/30/76	34	17.6	35.83	160.	0.1	1839.891	42.894	0.695	4.65	51.75	113.5
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	03/04/71-10/27/77	34	0.075	1.064	10.	0.02	5.044	2.246	0.05	0.05	0.67	3.5
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/06/70-10/27/77	27	0.2	0.248	1.1	0.05	0.06	0.245	0.05	0.05	0.4	0.5
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/14/69-10/27/77	34	3.	3.471	9.	3.	2.196	1.482	3.	3.	3.	5.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	05/14/69-10/27/77	32	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station INDU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39302	P P DDT IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	88 ##	0.05	1.282	40.7	0.02	24.411	4.941	0.05	0.05	0.25	3.683
39312	P P DDD IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	87 ##	0.05	0.056	0.58	0.05	0.003	0.057	0.05	0.05	0.05	0.05
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/14/69-10/30/76	87	13.6	30.497	200.	0.05	1911.036	43.715	0.05	2.6	37.7	95.54
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	03/04/71-10/27/77	97	0.1	0.813	5.89	0.02	1.833	1.354	0.05	0.05	0.73	3.354
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/06/70-10/27/77	83	0.29	0.321	0.66	0.05	0.024	0.156	0.094	0.22	0.47	0.5
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/14/69-10/27/77	100	3.	2.82	5.	1.	0.452	0.672	2.	3.	3.	3.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	05/14/69-10/27/77	93	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station INDU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	03/04/71-10/27/77	72	1.065	1.805	6.58	0.06	2.74	1.655	0.316	0.513	2.768	4.498
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/06/70-10/27/77	71	0.22	0.24	0.67	0.05	0.028	0.168	0.05	0.05	0.38	0.468
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/14/69-10/27/77	72	3.	2.944	3.	2.	0.053	0.231	3.	3.	3.	3.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station INDU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	05/14/69-10/27/77	72	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 9/16 to 1/15 - Station INDU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39105	PERCENT FAT HEXANE EXTRACTION	05/14/69-10/27/77	88	16.	14.479	30.	0.05	41.944	6.476	3.45	10.	18.725	21.82
39302	P P DDT IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	109	0.05	4.648	40.7	0.02	84.585	9.197	0.05	0.05	4.75	19.8
39312	P P DDD IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	103 ##	0.05	0.196	10.9	0.05	1.271	1.128	0.05	0.05	0.05	0.05
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/14/69-10/30/76	109	19.2	37.586	193.	0.3	1855.921	43.08	2.7	7.58	56.8	96.9
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	03/04/71-10/27/77	151	0.54	1.367	10.	0.05	3.436	1.854	0.05	0.05	2.34	4.05
39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/01/71-10/27/77	111	54.8	111.967	728.	0.5	22675.63	150.584	7.116	16.3	126.	382.4
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/06/70-10/27/77	139	0.28	0.274	1.1	0.05	0.037	0.192	0.05	0.05	0.42	0.5
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/14/69-10/27/77	157	3.	2.892	5.	1.	0.277	0.526	3.	3.	3.	3.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	05/14/69-10/27/77	155	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39105	PERCENT FAT HEXANE EXTRACTION	05/14/69-10/27/77	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/14/69-10/30/76	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	03/04/71-10/27/77	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/06/70-10/27/77	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/14/69-10/27/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	05/14/69-10/27/77	2	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39105	PERCENT FAT HEXANE EXTRACTION	05/14/69-10/27/77	49	14.3	13.199	30.	0.05	78.888	8.882	0.05	4.1	21.	22.5
39302	P P DDT IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	58	1.05	3.937	32.	0.01	44.683	6.685	0.05	0.123	3.875	15.07
39312	P P DDD IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	57 ##	0.05	1.482	10.	0.04	8.081	2.843	0.05	0.05	1.45	6.88
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/14/69-10/30/76	57	1.28	4.718	30.6	0.05	47.213	6.871	0.05	0.125	6.45	14.96
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	03/04/71-10/27/77	75	0.19	0.695	4.2	0.02	1.036	1.018	0.03	0.05	1.1	2.32
39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/01/71-10/27/77	74	5.6	20.835	162.	0.005	1175.404	34.284	0.2	1.8	29.675	63.25
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/06/70-10/27/77	59	0.24	0.251	0.66	0.04	0.024	0.153	0.05	0.16	0.36	0.5
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/14/69-10/27/77	94	3.	2.872	12.	1.	3.747	1.936	1.	1.	3.	5.5
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	05/14/69-10/27/77	89	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39105	PERCENT FAT HEXANE EXTRACTION	05/14/69-10/27/77	7	3.5	4.971	15.5	0.5	27.422	5.237	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	11	0.17	3.973	28.6	0.05	81.427	9.024	0.05	0.05	0.6	25.48
39312	P P DDD IN TISSUE WET WGT (UG/G)	05/14/69-10/30/76	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	05/14/69-10/30/76	11	7.	33.381	200.	0.29	3378.398	58.124	0.452	1.8	40.	169.8
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	03/04/71-10/27/77	11 ##	0.05	0.224	1.	0.05	0.092	0.303	0.05	0.05	0.3	0.912
39515	PCBS (MG/KG) FISH TISSUE MG/KG	06/01/71-10/27/77	6	41.4	106.15	479.	3.6	34174.303	184.863	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/06/70-10/27/77	5	0.29	0.262	0.43	0.05	0.019	0.138	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	05/14/69-10/27/77	11	3.	4.364	9.	2.	6.055	2.461	2.2	3.	5.	9.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	05/14/69-10/27/77	9	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0049

NPS Station ID: INDU0049
LAT/LON: 41.733337/ -86.916671
Agency: 21INDNR
Date Created: 08/22/78
Location: LAKE MICHIGAN (FALL RUN)
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 004
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 999
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 7.70
On/Off RF1:
RF3 Index: 04040001000218.10
RF3 Mile Point: 19.54
Distance from RF3: 0.42
On/Off RF3:
Description:
SOURCE: DEPARTMENT OF NATURAL RESOURCES, INDIANA. PURPOSE: FISH COLLECTED FROM LAKE MICHIGAN AND ANALYZED FOR CONTENT OF VARIOUS PESTICIDES AND HEAVY METALS. SAMPLE TAKEN FROM LAKE MICHIGAN (FALL RUN)

Parameter Inventory for Station: INDU0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39105	PERCENT FAT HEXANE EXTRACTION	09/29/71-09/29/71	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	09/29/71-09/29/71	2	0.8	0.8	1.	0.6	0.08	0.283	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	09/29/71-09/29/71	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/29/71-09/29/71	2	3.5	3.5	5.2	1.8	5.78	2.404	**	**	**	**
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	04/06/76-04/06/76	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/29/71-04/06/76	3	0.14	0.137	0.2	0.07	0.004	0.065	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	09/29/71-04/06/76	3	24.	23.967	37.	10.9	170.303	13.05	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/29/71-04/06/76	2	0.47	0.47	0.5	0.44	0.002	0.042	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/29/71-04/06/76	3	12.	8.333	12.	1.	40.333	6.351	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	09/29/71-04/06/76	3	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0050

NPS Station ID: INDU0050
LAT/LON: 41.718060/ -86.922226
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-75
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359075 /75-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 7
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 8.30
On/Off RF1:
RF3 Index: 04040001000215.42
RF3 Mile Point: 15.67
Distance from RF3: 0.55
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/80-04/08/80	3	6.5	8.067	11.7	6.	9.963	3.156	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/08/80-04/08/80	3	284.	284.	284.	284.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/80-04/08/80	3	328.	354.	407.	327.	2107.	45.902	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/08/80-04/08/80	3	12.3	12.3	12.7	11.9	0.16	0.4	**	**	**	**
00400	PH (STANDARD UNITS)	04/08/80-04/08/80	3	8.43	8.417	8.46	8.36	0.003	0.051	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/08/80-04/08/80	3	8.43	8.415	8.46	8.36	0.003	0.051	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/80-04/08/80	3	0.004	0.004	0.004	0.003	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/08/80-04/08/80	3	0.193	0.178	0.214	0.128	0.002	0.045	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/80-04/08/80	3	0.56	0.52	0.62	0.38	0.016	0.125	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/08/80-04/08/80	3	0.47	0.463	0.49	0.43	0.001	0.031	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/80-04/08/80	3	0.02	0.02	0.028	0.011	0.	0.009	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/08/80-04/08/80	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/08/80-04/08/80	3	17.	16.333	17.	15.	1.333	1.155	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/08/80-04/08/80	3	35.	39.	50.	32.	93.	9.644	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	04/08/80-04/08/80	3	2.3	2.333	2.5	2.2	0.023	0.153	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/08/80-04/08/80	3	2.	3.	6.	1.	7.	2.646	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0050

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	3	0	0.00							3	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00							3	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	3	0	0.00							3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00							3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00							3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0051

NPS Station ID: INDU0051
LAT/LON: 41.585559/ -86.924448
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR04W07 NWSE S
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413508086552801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 29.80
On/Off RF1:
RF3 Index: 04040001033600.00
RF3 Mile Point: 12.35
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/62-04/12/62	1	10.6	10.6	10.6	10.6	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/12/62-04/12/62	1	324.	324.	324.	324.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/12/62-04/12/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/12/62-04/12/62	1	348.	348.	348.	348.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/12/62-04/12/62	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/12/62-04/12/62	1	65.	65.	65.	65.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/12/62-04/12/62	1	426.	426.	426.	426.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0051

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0052

NPS Station ID: INDU0052
LAT/LON: 41.718060/ -86.933060
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-74
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359074 /74-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 50
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 3.80
On/Off RF1:
RF3 Index: 04040001000218.10
RF3 Mile Point: 19.58
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/80-07/20/81	24	14.5	15.208	23.	9.	15.259	3.906	10.	13.	17.	22.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-07/20/81	3	156.	144.	180.	96.	1872.	43.267	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/80-07/20/81	24	250.	238.542	260.	220.	255.389	15.981	220.	220.	253.75	255.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/80-07/20/81	24	300.	299.167	310.	290.	18.841	4.341	292.5	296.25	300.	305.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/80-07/20/81	24	9.5	9.8	11.7	8.4	1.276	1.129	8.6	9.	11.3	11.45
00400	PH (STANDARD UNITS)	05/20/80-07/20/81	24	8.4	8.396	8.6	8.2	0.007	0.086	8.3	8.325	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	05/20/80-07/20/81	24	8.4	8.388	8.6	8.2	0.007	0.086	8.3	8.325	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/80-07/20/81	24	0.004	0.004	0.006	0.003	0.	0.001	0.003	0.004	0.005	0.005
00600	NITROGEN, TOTAL (MG/L AS N)	06/23/80-06/23/80	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/80-07/20/81	6	0.017	0.018	0.036	0.005	0.	0.013	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/80-07/20/81	6	0.39	0.376	0.745	0.075	0.059	0.243	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/20/80-07/20/81	6	0.22	0.227	0.26	0.2	0.001	0.024	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/80-07/20/81	6	0.008	0.008	0.015	0.003	0.	0.005	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/20/80-07/20/81	4 ##	0.003	0.003	0.005	0.003	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-07/20/81	6	10.5	10.5	11.	10.	0.3	0.548	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/80-07/20/81	6	22.5	22.333	23.	21.	0.667	0.816	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	05/20/80-07/20/81	6	0.4	0.367	0.5	0.2	0.011	0.103	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-07/20/81	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-07/20/81	4	29.	30.	34.	28.	7.333	2.708	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-07/20/81	4 ##	0.5	1.125	3.	0.5	1.563	1.25	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-07/20/81	4	1.5	1.5	2.	1.	0.333	0.577	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-07/20/81	4	1.	1.25	2.	1.	0.25	0.5	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/20/80-07/20/81	4	31.5	47.25	108.	18.	1708.917	41.339	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-07/20/81	4 ##	0.75	0.75	1.	0.5	0.083	0.289	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-07/20/81	4 ##	0.275	0.275	0.5	0.05	0.068	0.26	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-07/20/81	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/20/80-07/20/81	4 ##	1.	1.25	2.	1.	0.25	0.5	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/23/80-06/23/80	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-07/20/81	4 ##	0.05	0.063	0.1	0.05	0.001	0.025	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	24	0	0.00							18	0	0.00	6	0	0.00
00400	PH	Other-Hi Lim.	9.	24	0	0.00							18	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	24	0	0.00							18	0	0.00	6	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00							4	0	0.00	2	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	4	0	0.00							2	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00							4	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00							4	0	0.00	2	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00							2	0	0.00	2	0	0.00
		Drinking Water	50.	4	0	0.00							2	0	0.00	2	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	4	0	0.00							2	0	0.00	2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4	0	0.00							2	0	0.00	2	0	0.00
		Drinking Water	5.	4	0	0.00							2	0	0.00	2	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00							2	0	0.00	2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	4	0	0.00							2	0	0.00	2	0	0.00
		Drinking Water	1300.	4	0	0.00							2	0	0.00	2	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	4	0	0.00							2	0	0.00	2	0	0.00
		Drinking Water	5.	4	0	0.00							2	0	0.00	2	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	4	0	0.00							2	0	0.00	2	0	0.00
		Drinking Water	50.	4	0	0.00							2	0	0.00	2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00							2	0	0.00	2	0	0.00
		Drinking Water	50.	4	0	0.00							2	0	0.00	2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00							2	0	0.00	2	0	0.00
		Drinking Water	2.	4	0	0.00							2	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0053

NPS Station ID: INDU0053
LAT/LON: 41.724448/ -86.933060
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-71
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359071 /71-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 57
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 3.70
On/Off RF1:
RF3 Index: 04040001000218.10
RF3 Mile Point: 18.90
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/80-09/23/81	73	12.	12.652	23.5	4.1	36.558	6.046	4.14	8.	18.	22.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/08/80-09/23/81	7	84.	116.571	276.	60.	6322.286	79.513	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/08/80-09/23/81	73	260.	241.247	286.	140.	2300.466	47.963	140.	230.	272.5	280.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/08/80-09/23/81	73	300.	296.26	310.	3.	1248.667	35.336	290.	295.	305.	310.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/08/80-09/23/81	73	9.5	10.132	13.1	7.7	2.362	1.537	8.74	9.	11.1	12.96
00400	PH (STANDARD UNITS)	04/08/80-09/23/81	73	8.3	8.284	8.6	7.95	0.032	0.18	8.04	8.1	8.455	8.5
00400	CONVERTED PH (STANDARD UNITS)	04/08/80-09/23/81	73	8.3	8.247	8.6	7.95	0.034	0.183	8.04	8.1	8.455	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/80-09/23/81	73	0.005	0.006	0.011	0.003	0.	0.002	0.003	0.004	0.008	0.009
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/08/80-09/23/81	16	0.026	0.034	0.153	0.012	0.001	0.034	0.013	0.015	0.034	0.092
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/08/80-09/23/81	16	0.34	0.357	0.65	0.16	0.023	0.152	0.171	0.228	0.438	0.633
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/08/80-09/23/81	16	0.21	0.24	0.34	0.17	0.003	0.055	0.184	0.2	0.295	0.34
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/08/80-09/23/81	16	0.011	0.011	0.018	0.003	0.	0.005	0.004	0.006	0.014	0.017
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/21/80-09/23/81	14 ##	0.003	0.003	0.005	0.003	0.	0.001	0.003	0.003	0.003	0.004
00940	CHLORIDE,TOTAL IN WATER MG/L	04/08/80-09/23/81	16	10.	10.063	12.	9.	0.996	0.998	9.	9.	10.75	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/08/80-09/23/81	16	22.	22.563	24.	22.	0.663	0.814	22.	22.	23.	24.
00956	SILICA, TOTAL (MG/L AS SI02)	04/08/80-09/23/81	16	0.4	0.474	1.5	0.09	0.144	0.379	0.097	0.2	0.7	1.01
01002	ARSENIC, TOTAL (UG/L AS AS)	07/21/80-09/23/81	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01007	BARIUM, TOTAL (UG/L AS BA)	07/21/80-09/23/81	11	28.	27.	35.	18.	26.	5.099	18.2	25.	29.	34.6
01027	CADMIUM, TOTAL (UG/L AS CD)	07/21/80-09/23/81	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/21/80-09/23/81	11	2.	2.091	4.	1.	0.891	0.944	1.	1.	3.	3.8
01042	COPPER, TOTAL (UG/L AS CU)	07/21/80-09/23/81	11	1.	1.591	4.	0.5	0.941	0.97	0.6	1.	2.	3.6
01045	IRON, TOTAL (UG/L AS FE)	07/21/80-09/23/81	11	110.	139.545	300.	34.	11322.073	106.405	34.4	39.	250.	296.
01051	LEAD, TOTAL (UG/L AS PB)	07/21/80-09/23/81	11 ##	0.5	0.909	2.	0.5	0.341	0.584	0.5	0.5	1.	2.
01077	SILVER, TOTAL (UG/L AS AG)	07/21/80-09/23/81	11 ##	0.05	0.214	0.5	0.05	0.052	0.227	0.05	0.05	0.5	0.5
01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/80-09/23/81	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/21/80-09/23/81	14 ##	1.	1.357	4.	1.	0.863	0.929	1.	1.	1.	3.5
71900	MERCURY, TOTAL (UG/L AS HG)	07/21/80-09/23/81	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0053

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	73	0	0.00	30	0	0.00				20	0	0.00	23	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0053

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	73	0	0.00	30	0	0.00				20	0	0.00	23	0	0.00
		Other-Lo Lim.	6.5	73	0	0.00	30	0	0.00				20	0	0.00	23	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	16	0	0.00	7	0	0.00				4	0	0.00	5	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	14	0	0.00	7	0	0.00				2	0	0.00	5	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	16	0	0.00	7	0	0.00				4	0	0.00	5	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	16	0	0.00	7	0	0.00				4	0	0.00	5	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	11	0	0.00	4	0	0.00				2	0	0.00	5	0	0.00
		Drinking Water	50.	11	0	0.00	4	0	0.00				2	0	0.00	5	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	11	0	0.00	4	0	0.00				2	0	0.00	5	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	11	0	0.00	4	0	0.00				2	0	0.00	5	0	0.00
		Drinking Water	5.	11	0	0.00	4	0	0.00				2	0	0.00	5	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	11	0	0.00	4	0	0.00				2	0	0.00	5	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	11	0	0.00	4	0	0.00				2	0	0.00	5	0	0.00
		Drinking Water	1300.	11	0	0.00	4	0	0.00				2	0	0.00	5	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	11	0	0.00	4	0	0.00				2	0	0.00	5	0	0.00
		Drinking Water	5.	11	0	0.00	4	0	0.00				2	0	0.00	5	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	11	0	0.00	4	0	0.00				2	0	0.00	5	0	0.00
		Drinking Water	50.	11	0	0.00	4	0	0.00				2	0	0.00	5	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	11	0	0.00	4	0	0.00				2	0	0.00	5	0	0.00
		Drinking Water	50.	11	0	0.00	4	0	0.00				2	0	0.00	5	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	11	0	0.00	4	0	0.00				2	0	0.00	5	0	0.00
		Drinking Water	2.	11	0	0.00	4	0	0.00				2	0	0.00	5	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0054

NPS Station ID: INDU0054
LAT/LON: 41.716670/ -86.933337
Agency: 21INDNR
Date Created: 08/22/78
Location: LAKE MICHIGAN OFF BLACK DITCH
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 005
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 999
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 9.70
On/Off RF1:
RF3 Index: 04040001000218.10
RF3 Mile Point: 19.63
Distance from RF3: 0.59
On/Off RF3:
Description:
SOURCE: DEPARTMENT OF NATURAL RESOURCES, INDIANA. PURPOSE: FISH COLLECTED FROM LAKE MICHIGAN AND ANALYZED FOR CONTENT OF VARIOUS PESTICIDES AND HEAVY METALS. SAMPLE TAKEN FROM LAKE MICHIGAN OFF BLACK DITCH

Parameter Inventory for Station: INDU0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34690	PCB - 1254 WET WGTTISMG/KG	07/25/74-07/25/74	4	5.65	11.103	33.	0.11	239.013	15.46	**	**	**	**
39105	PERCENT FAT HEXANE EXTRACTION	07/25/74-07/25/74	2	1.	1.	1.	1.	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	07/25/74-07/25/74	4 ##	0.075	0.125	0.3	0.05	0.014	0.119	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	07/25/74-07/25/74	4 ##	0.05	0.163	0.5	0.05	0.051	0.225	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	07/25/74-07/25/74	4	2.35	4.4	12.8	0.1	35.86	5.988	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	07/25/74-07/25/74	4	0.55	0.65	1.4	0.1	0.43	0.656	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	07/25/74-07/25/74	3 ##	0.05	0.077	0.13	0.05	0.002	0.046	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	07/25/74-07/25/74	4	6.	6.	6.	6.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	07/25/74-07/25/74	4	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0055

NPS Station ID: INDU0055
LAT/LON: 41.696948/ -86.935559
Agency: 112WRD
Date Created: 11/18/75
Location: KINTZELE DIT AT US HWY 12 AT PINES IND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 414149086560800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 8.790
Distance from RF1: 1.30
On/Off RF1: OFF
RF3 Index: 04040001000200.00
RF3 Mile Point: 20.53
Distance from RF3: 0.24
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/73-07/11/80	18	18.4	15.689	24.3	0.5	59.107	7.688	1.85	12.175	20.8	23.13
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/22/74-04/22/74	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/26/74-08/08/78	5	5.	5.6	8.	4.	2.3	1.517	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/02/73-08/02/73	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/73-07/11/80	18	565.5	557.111	701.	250.	11232.222	105.982	370.6	527.5	630.25	681.2
00300	OXYGEN, DISSOLVED MG/L	08/02/73-07/11/80	17	9.2	9.741	12.3	5.5	4.783	2.187	6.46	8.	11.85	12.3
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/02/73-02/03/75	7	90.	105.429	130.	86.	487.952	22.09	**	**	**	**
00400	PH (STANDARD UNITS)	08/02/73-07/11/80	17	7.7	7.724	8.3	7.2	0.079	0.282	7.36	7.45	7.95	8.06
00400	CONVERTED PH (STANDARD UNITS)	08/02/73-07/11/80	17	7.7	7.639	8.3	7.2	0.087	0.295	7.36	7.45	7.95	8.06
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/73-07/11/80	17	0.02	0.023	0.063	0.005	0.	0.015	0.009	0.011	0.036	0.044
00405	CARBON DIOXIDE (MG/L AS CO2)	08/02/73-08/26/79	7	3.8	5.171	12.	2.1	11.222	3.35	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/73-07/11/80	9	160.	149.778	218.	46.	2752.444	52.464	46.	119.	186.	218.
00440	BICARBONATE ION (MG/L AS HCO3)	08/02/73-08/08/78	7	200.	183.429	266.	56.	5438.286	73.745	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/26/74-08/08/78	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/26/79-07/11/80	2	0.985	0.985	1.02	0.95	0.002	0.049	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/26/79-07/11/80	2	1.81	1.81	2.44	1.18	0.794	0.891	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/26/74-08/08/78	5	0.84	0.876	1.3	0.58	0.073	0.271	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	2	1.17	1.17	1.4	0.94	0.106	0.325	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/26/74-08/08/78	5	0.46	0.448	0.9	0.	0.102	0.32	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	2	0.655	0.655	0.94	0.37	0.162	0.403	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	2	0.155	0.155	0.29	0.02	0.036	0.191	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/74-08/08/78	5	0.1	0.152	0.54	0.01	0.049	0.222	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/02/73-08/08/78	6	0.015	0.023	0.06	0.01	0.	0.02	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/02/73-08/08/78	6	0.29	0.27	0.34	0.14	0.006	0.077	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	2	0.81	0.81	0.96	0.66	0.045	0.212	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/74-08/08/78	5	0.5	0.578	0.91	0.43	0.037	0.194	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/73-08/08/78	6	0.325	0.293	0.37	0.15	0.008	0.087	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/79-07/11/80	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/26/79-07/11/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/73-08/08/78	6	0.065	0.065	0.08	0.05	0.	0.014	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/79-07/11/80	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/79-07/11/80	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/26/74-07/11/80	7	11.	12.314	29.	3.2	64.625	8.039	**	**	**	**
00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	08/08/78-08/08/78	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	07/27/77-08/08/78	2	4.2	4.2	6.4	2.	9.68	3.111	**	**	**	**
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	08/08/78-08/08/78	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	08/02/73-06/22/76	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/73-07/11/80	9	190.	180.667	210.	86.	1454.	38.131	86.	175.	205.	210.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/02/73-07/11/80	9	23.	30.333	100.	0.	1014.75	31.855	0.	4.5	48.	100.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/73-07/11/80	9	46.	44.333	52.	18.	110.25	10.5	18.	43.	51.	52.
00916	CALCIUM, TOTAL (MG/L AS CA)	08/02/73-08/02/73	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/73-07/11/80	9	17.	16.667	22.	10.	11.	3.317	10.	15.5	18.5	22.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/02/73-08/02/73	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/73-07/11/80	9	56.	49.556	65.	18.	184.528	13.584	18.	45.5	57.	65.
00931	SODIUM ADSORPTION RATIO	08/02/73-07/11/80	9	1.7	1.589	2.	0.8	0.124	0.352	0.8	1.45	1.8	2.
00932	SODIUM, PERCENT	08/02/73-07/11/80	9	37.	37.556	42.	31.	10.028	3.167	31.	36.5	40.	42.
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/26/79-08/26/79	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/73-07/11/80	9	3.4	3.611	4.9	2.2	0.649	0.805	2.2	3.25	4.3	4.9
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/73-07/11/80	9	64.	65.667	120.	26.	588.75	24.264	26.	58.	69.5	120.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/73-07/11/80	9	42.	42.111	50.	37.	12.861	3.586	37.	40.	43.5	50.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/79-07/11/80	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/79-07/11/80	2	9.4	9.4	10.	8.8	0.72	0.849	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/26/79-08/26/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/26/79-07/11/80	2	255.5	255.5	301.	210.	4140.5	64.347	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/02/73-08/26/79	3	0.	1.667	5.	0.	8.333	2.887	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/02/73-08/26/79	3	5.	3.333	5.	0.	8.333	2.887	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	08/02/73-08/26/79	3 ##	1.5	2.167	5.	0.	6.583	2.566	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/02/73-08/26/79	3	5.	5.667	11.	1.	25.333	5.033	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/02/73-08/08/78	6	940.	988.333	1200.	800.	30416.667	174.404	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/79-07/11/80	2	420.	420.	430.	410.	200.	14.142	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/02/73-08/26/79	3	10.	17.333	32.	10.	161.333	12.702	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/02/73-08/08/78	6	80.	115.	300.	30.	9230.	96.073	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/79-07/11/80	2	45.	45.	50.	40.	50.	7.071	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/02/73-08/02/73	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/76-06/22/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/02/73-08/26/79	3	27.	30.667	40.	25.	66.333	8.145	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/02/73-08/02/73	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	06/22/76-06/22/76	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/08/73-08/08/73	1	20000.	20000.	20000.	20000.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/08/73-08/08/73	1	4.301	4.301	4.301	4.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20000.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/08/73-08/23/79	8	355.	580.125	2400.	71.	559054.411	747.699	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/08/73-08/23/79	8	2.55	2.561	3.38	1.851	0.179	0.424	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			364.169								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/23/79	4	805.	2372.5	7700.	180.	12864491.667	3586.71	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/23/79	4	2.803	2.937	3.886	2.255	0.532	0.729	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			864.504								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/08/73-08/26/74	5	1200.	1228.6	3100.	83.	1399799.8	1183.131	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/08/73-08/26/74	5	3.079	2.838	3.491	1.919	0.376	0.613	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			689.303								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/26/74-06/22/76	3	0.1	0.087	0.1	0.06	0.001	0.023	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/22/74-08/26/79	5	0.	0.	0.	0.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/22/74-08/26/79	5	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/22/74-08/26/79	5	0.	1.2	5.	0.	4.7	2.168	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/22/74-08/26/79	5	0.4	2.4	11.	0.	23.18	4.815	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/22/74-08/26/79	5	0.	0.72	3.2	0.	1.952	1.397	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/22/74-08/26/79	5	0.	0.34	1.3	0.	0.318	0.564	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/22/74-08/26/79	5	0.	0.02	0.1	0.	0.002	0.045	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/22/74-08/26/79	5	0.	0.	0.	0.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/22/74-06/22/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/22/74-08/26/79	5	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/22/74-08/26/79	5	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/22/74-08/26/79	5	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/22/74-08/26/79	5	10.	10.5	27.	0.	113.25	10.642	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/22/74-06/22/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/22/74-06/22/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/22/74-06/22/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/22/74-06/22/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/22/74-06/22/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	04/22/74-06/22/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/26/79-07/11/80	2	322.	322.	324.	320.	8.	2.828	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/26/79-07/11/80	2	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/26/79-07/11/80	2	106.1	106.1	139.	73.2	2164.82	46.528	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/26/79-07/11/80	2	6.65	6.65	10.2	3.1	25.205	5.02	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/26/79-07/11/80	2	1.05	1.05	1.2	0.9	0.045	0.212	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/26/79-07/11/80	2	0.2	0.2	0.37	0.03	0.058	0.24	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/26/74-08/08/78	5	3.7	3.84	5.6	2.6	1.283	1.133	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/02/73-06/22/76	2	0.02	0.02	0.04	0.	0.001	0.028	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	0	0.00							1	0	0.00	4	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	17	0	0.00	2	0	0.00	3	0	0.00	6	0	0.00	6	0	0.00
00400	PH	Other-Hi Lim.	9.	17	0	0.00	2	0	0.00	2	0	0.00	6	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	17	0	0.00	2	0	0.00	2	0	0.00	6	0	0.00	7	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	6	0	0.00							1	0	0.00	5	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00							1	0	0.00	5	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00							1	0	0.00	5	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00				1	0	0.00	2	0	0.00	6	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	9	0	0.00				1	0	0.00	2	0	0.00	6	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00										1	1	1.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	8	7	0.88	1	1	1.00	2	2	1.00	2	1	0.50	3	3	1.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0056

NPS Station ID: INDU0056 LAT/LON: 41.701115/ -86.940004 Agency: 112WRD Date Created: 06/30/76
Location: KINTZELE DIT AT BEV DR AT BEVERLY SHORES IND FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 414204086562401
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 04040001002 RF1 Mile Point: 8.790 Distance from RF1: 5.00 On/Off RF1: OFF
RF3 Index: 04040001038200.00 RF3 Mile Point: 0.52 Distance from RF3: 0.19 On/Off RF3:
Description:

Parameter Inventory for Station: INDU0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/75-06/22/76	2	8.55	8.55	16.1	1.	114.005	10.677	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/03/75-06/22/76	2	500.	500.	530.	470.	1800.	42.426	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/03/75-06/22/76	2	10.8	10.8	12.6	9.	6.48	2.546	**	**	**	**
00400	PH (STANDARD UNITS)	02/03/75-06/22/76	2	7.1	7.1	7.8	6.4	0.98	0.99	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/03/75-06/22/76	2	6.684	6.684	7.8	6.4	1.326	1.152	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/75-06/22/76	2	0.207	0.207	0.398	0.016	0.073	0.27	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	02/03/75-02/03/75	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/03/75-02/03/75	1	99.	99.	99.	99.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/03/75-02/03/75	1	121.	121.	121.	121.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	02/03/75-02/03/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/03/75-02/03/75	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/03/75-02/03/75	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/03/75-02/03/75	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/03/75-02/03/75	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/03/75-02/03/75	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	02/03/75-02/03/75	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	02/03/75-02/03/75	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/03/75-02/03/75	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/03/75-02/03/75	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/03/75-02/03/75	1	67.	67.	67.	67.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0056

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	1	0.50				1	1	1.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0057

NPS Station ID: INDU0057
LAT/LON: 41.711115/ -86.950005
Agency: 1115GLSB
Date Created: 09/22/77
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): IND 42
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 32
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 9.50
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 10.23
Distance from RF3: 0.59
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/77-09/24/77	6	17.75	18.283	20.5	16.	3.382	1.839	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/11/77-09/24/77	6	1.5	1.467	2.	0.8	0.251	0.501	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/11/77-09/24/77	3	3.	3.	3.5	2.5	0.25	0.5	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/77-09/24/77	6	277.5	280.	287.	276.	26.	5.099	**	**	**	**
00400	PH (STANDARD UNITS)	06/11/77-09/24/77	6	8.35	8.357	8.52	8.2	0.022	0.147	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/11/77-09/24/77	6	8.347	8.336	8.52	8.2	0.022	0.148	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/77-09/24/77	6	0.004	0.005	0.006	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/77-09/24/77	6	109.	110.167	115.	107.	9.767	3.125	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/77-09/24/77	6	0.009	0.007	0.011	0.001	0.	0.005	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/77-09/24/77	6	0.19	0.198	0.25	0.15	0.002	0.04	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/77-09/24/77	6	0.175	0.173	0.2	0.15	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/77-09/24/77	6	0.005	0.006	0.007	0.004	0.	0.001	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/11/77-09/24/77	6 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/77-09/24/77	6 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/77-09/24/77	5	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/77-09/24/77	4	22.	22.25	23.	22.	0.25	0.5	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/77-09/24/77	6	0.3	0.417	0.9	0.1	0.122	0.349	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	3 ##	1.	7.5	21.	0.5	136.75	11.694	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	3 ##	0.	0.34	1.322	-0.301	0.746	0.864	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.19								
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	3	74.	75.	120.	31.	1981.	44.508	**	**	**	**
31749	LOG PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	3	1.869	1.813	2.079	1.491	0.089	0.298	**	**	**	**
31749	GM PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	GEOMETRIC MEAN =			65.052								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/11/77-09/24/77	6	0.8	1.233	3.1	0.7	0.867	0.931	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/11/77-09/24/77	6	1.4	1.583	2.8	0.9	0.57	0.755	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0057

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
00400	PH	Other-Hi Lim.	9.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0057

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	2	0	0.00				1	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	4	0	0.00	2	0	0.00							2	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0058

NPS Station ID: INDU0058
LAT/LON: 41.704448/ -86.951115
Agency: 112WRD
Date Created: 03/17/77
Location: LAKE MICHIGAN AT MICHIGAN CITY IND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 414216086570401
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 13.080
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001000200.00
RF3 Mile Point: 19.64
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/73-10/18/73	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/18/73-10/18/73	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/73-10/18/73	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/73-10/18/73	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/73-10/18/73	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/18/73-10/18/73	1	340.	340.	340.	340.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/18/73-10/18/73	1	2.531	2.531	2.531	2.531	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			340.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/73-10/18/73	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/73-10/18/73	1 ##	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			50.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0059

NPS Station ID: INDU0059
LAT/LON: 41.582226/ -86.952227
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR04W11 SWNW S
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413456086570801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001033600.00
RF3 Mile Point: 0.73
Distance from RF3: 0.16
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/11/62-04/11/62	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/11/62-04/11/62	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/11/62-04/11/62	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/11/62-04/11/62	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/11/62-04/11/62	1	65.	65.	65.	65.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/11/62-04/11/62	1	300.	300.	300.	300.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/11/62-04/11/62	1	382.	382.	382.	382.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0060

NPS Station ID: INDU0060
LAT/LON: 41.601949/ -86.952504
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR04W02 NWSW S
FIPS State/County: 18091 INDIANA/LA PORTE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413607086570901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001033600.00
RF3 Mile Point: 2.15
Distance from RF3: 0.59
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/62-04/11/62	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/11/62-04/11/62	1	296.	296.	296.	296.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/11/62-04/11/62	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/11/62-04/11/62	1	316.	316.	316.	316.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/11/62-04/11/62	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/11/62-04/11/62	1	55.	55.	55.	55.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/11/62-04/11/62	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/11/62-04/11/62	1	378.	378.	378.	378.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0060

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0061

NPS Station ID: INDU0061
Location: OFFSHORE STATION-98
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 04060200
Major Basin: LAKE MICHIGAN
Minor Basin: CALUMET-BURNS DITCH COMPLEX
RF1 Index: 04060200
RF3 Index: 04040001000300.05
Description:

LAT/LON: 41.724448/ -86.952504
Depth of Water: 58
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 15.30

Agency: 21IND
FIPS State/County: 18998 INDIANA/
STORET Station ID(s): 360098 /98-O
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 15.40
Distance from RF3: 1.13

Date Created: / /
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: INDU0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/18/81-09/23/81	30	18.	15.017	23.	8.5	20.267	4.502	10.	10.	18.	20.8
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/18/81-09/23/81	3	72.	104.	168.	72.	3072.	55.426	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/18/81-09/23/81	30	270.	266.5	275.	260.	26.121	5.111	260.	260.	270.	270.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/18/81-09/23/81	30	300.	297.	300.	290.	21.724	4.661	290.	290.	300.	300.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/18/81-09/23/81	30	9.05	9.55	11.6	8.2	1.361	1.166	8.42	8.7	10.35	11.5
00400	PH (STANDARD UNITS)	05/18/81-09/23/81	30	8.3	8.337	8.6	8.1	0.035	0.187	8.1	8.175	8.6	8.6
00400	CONVERTED PH (STANDARD UNITS)	05/18/81-09/23/81	30	8.3	8.3	8.6	8.1	0.036	0.19	8.1	8.175	8.6	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/81-09/23/81	30	0.005	0.005	0.008	0.003	0.	0.002	0.003	0.003	0.007	0.008
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/18/81-09/23/81	8	0.019	0.023	0.05	0.005	0.	0.015	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/18/81-09/23/81	8	0.318	0.383	0.668	0.208	0.031	0.175	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/18/81-09/23/81	8	0.285	0.27	0.4	0.2	0.005	0.069	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/18/81-09/23/81	8	0.014	0.016	0.033	0.006	0.	0.008	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/18/81-09/23/81	8 ##	0.003	0.004	0.007	0.003	0.	0.002	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/18/81-09/23/81	8	9.5	9.5	10.	9.	0.286	0.535	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/18/81-09/23/81	8	22.	22.375	23.	22.	0.268	0.518	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	05/18/81-09/23/81	8	0.45	0.45	0.8	0.1	0.089	0.298	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/18/81-09/23/81	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/18/81-09/23/81	8	25.	25.5	28.	23.	3.714	1.927	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/18/81-09/23/81	8 ##	0.5	0.563	1.	0.5	0.031	0.177	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/18/81-09/23/81	8	2.5	2.125	3.	1.	0.982	0.991	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/18/81-09/23/81	8	1.	1.625	4.	1.	1.125	1.061	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/18/81-09/23/81	8	136.	149.75	300.	28.	8593.643	92.702	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/18/81-09/23/81	8	1.	1.563	4.	0.5	1.746	1.321	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/18/81-09/23/81	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/18/81-09/23/81	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/18/81-09/23/81	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/18/81-09/23/81	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	30	0	0.00	12	0	0.00				7	0	0.00	11	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	30	0	0.00	12	0	0.00				7	0	0.00	11	0	0.00
		Other-Lo Lim.	6.5	30	0	0.00	12	0	0.00				7	0	0.00	11	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
		Drinking Water	50.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
		Drinking Water	5.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
		Drinking Water	1300.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
		Drinking Water	5.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
		Drinking Water	50.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
		Drinking Water	50.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
		Drinking Water	2.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0062

NPS Station ID: INDU0062
LAT/LON: 41.685281/ -86.955282
Agency: 112WRD
Date Created: 04/14/78
Location: BROWN DIT # US HIGHWAY 12 @ PINE
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 414107086571901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 14.360
Distance from RF1: 8.30
On/Off RF1: OFF
RF3 Index: 04040001030500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.80
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/77-07/27/77	1	14.9	14.9	14.9	14.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/27/77-07/27/77	1	511.	511.	511.	511.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/27/77-07/27/77	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/27/77-07/27/77	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/27/77-07/27/77	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/27/77-07/27/77	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/27/77-07/27/77	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/27/77-07/27/77	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/27/77-07/27/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	07/27/77-07/27/77	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/27/77-07/27/77	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/27/77-07/27/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/27/77-07/27/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/27/77-07/27/77	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/27/77-07/27/77	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/27/77-07/27/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/27/77-07/27/77	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/27/77-07/27/77	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/27/77-07/27/77	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/27/77-07/27/77	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/27/77-07/27/77	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/27/77-07/27/77	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/27/77-07/27/77	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/27/77-07/27/77	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/27/77-07/27/77	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/27/77-07/27/77	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/27/77-07/27/77	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/27/77-07/27/77	1	47.	47.	47.	47.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/27/77-07/27/77	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/27/77-07/27/77	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/27/77-07/27/77	1	23.	23.	23.	23.	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	07/27/77-07/27/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00										1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0063

NPS Station ID: INDU0063
LAT/LON: 41.685281/ -86.955282
Agency: 112WRD
Date Created: 11/18/75
Location: BROWN DIT AT U S HWY 12 AT PINES IND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 414107086571900
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 14.360
Distance from RF1: 1.70
On/Off RF1: OFF
RF3 Index: 04040001028700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/73-07/11/80	19	18.5	14.232	24.7	0.	78.973	8.887	1.	3.9	22.	24.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/12/75-08/12/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/02/73-08/02/73	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/73-07/11/80	19	455.	468.368	635.	287.	10058.246	100.291	310.	387.	566.	609.
00300	OXYGEN, DISSOLVED MG/L	08/02/73-07/11/80	19	6.8	7.516	12.8	3.1	7.526	2.743	3.8	5.8	9.5	11.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/02/73-02/03/75	7	90.	88.	101.	75.	112.667	10.614	**	**	**	**
00400	PH (STANDARD UNITS)	08/02/73-07/11/80	19	7.2	7.232	7.6	6.9	0.037	0.192	6.9	7.1	7.4	7.5
00400	CONVERTED PH (STANDARD UNITS)	08/02/73-07/11/80	19	7.2	7.191	7.6	6.9	0.038	0.196	6.9	7.1	7.4	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/73-07/11/80	19	0.063	0.064	0.126	0.025	0.001	0.029	0.032	0.04	0.079	0.126
00405	CARBON DIOXIDE (MG/L AS CO2)	08/02/73-08/26/79	7	16.	17.2	29.	8.4	41.28	6.425	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/73-07/11/80	8	171.	164.	190.	121.	433.143	20.812	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/02/73-08/08/78	6	210.	197.833	213.	147.	657.367	25.639	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/26/74-08/08/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/26/79-07/11/80	2	2.24	2.24	4.09	0.39	6.845	2.616	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/26/79-07/11/80	2	3.07	3.07	5.51	0.63	11.907	3.451	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/26/74-08/08/78	4	1.6	1.42	1.8	0.68	0.259	0.509	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	2	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/26/74-08/08/78	4	0.81	0.79	1.3	0.24	0.212	0.46	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	2	0.985	0.985	1.1	0.87	0.026	0.163	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	2	0.095	0.095	0.13	0.06	0.002	0.049	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/74-08/08/78	4	0.09	0.203	0.58	0.05	0.064	0.252	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/02/73-08/08/78	5	0.02	0.016	0.03	0.005	0.	0.011	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/02/73-08/08/78	5	0.37	0.414	0.57	0.32	0.01	0.102	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	08/26/79-07/11/80	2	1.1	1.1	1.2	1.	0.02	0.141	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/74-08/08/78	4	1.15	0.997	1.4	0.29	0.238	0.488	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/73-08/08/78	5	0.39	0.428	0.57	0.34	0.008	0.09	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/26/79-07/11/80	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/26/79-07/11/80	2	0.06	0.06	0.12	0.	0.007	0.085	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/73-08/08/78	5	0.05	0.088	0.19	0.04	0.004	0.063	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/79-07/11/80	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/79-07/11/80	2	0.02	0.02	0.04	0.	0.001	0.028	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/03/75-07/11/80	5	15.	15.2	20.	11.	10.2	3.194	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/73-07/11/80	8	210.	212.5	230.	200.	164.286	12.817	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/02/73-07/11/80	8	42.	46.75	110.	6.	936.5	30.602	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/73-07/11/80	8	53.	53.	60.	47.	16.857	4.106	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/73-07/11/80	8	19.5	19.125	21.	16.	2.982	1.727	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/73-07/11/80	8	28.5	29.	37.	23.	27.714	5.264	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/02/73-07/11/80	8	0.85	0.875	1.1	0.7	0.022	0.149	**	**	**	**

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Parameter Inventory for Station: INDU0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00932	SODIUM, PERCENT	08/02/73-07/11/80	8	22.	23.75	36.	18.	30.214	5.497	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/26/79-08/26/79	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/73-07/11/80	8	2.5	2.75	3.7	2.2	0.277	0.526	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/73-07/11/80	8	40.5	42.25	59.	25.	155.357	12.464	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/73-07/11/80	8	40.5	47.125	100.	27.	518.982	22.781	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/79-07/11/80	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/79-07/11/80	2	12.5	12.5	13.	12.	0.5	0.707	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/26/79-08/26/79	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/26/79-07/11/80	2	339.5	339.5	370.	309.	1860.5	43.134	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/26/79-08/26/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/26/79-08/26/79	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	08/26/79-08/26/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/26/79-08/26/79	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/02/73-08/08/78	5	3200.	3080.	4600.	1200.	2077000.	1441.18	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/79-07/11/80	2	365.	365.	600.	130.	110450.	332.34	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/26/79-04/09/80	2	200.	200.	330.	70.	33800.	183.848	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/02/73-08/08/78	5	240.	284.	450.	170.	13830.	117.601	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/79-07/11/80	2	425.	425.	580.	270.	48050.	219.203	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/26/79-04/09/80	2	255.	255.	310.	200.	6050.	77.782	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/08/73-08/08/73	1	4000.	4000.	4000.	4000.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/08/73-08/08/73	1	3.602	3.602	3.602	3.602	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4000.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/08/73-08/23/79	8	190.	199.375	440.	5.	25681.696	160.255	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/08/73-08/23/79	8	2.276	2.027	2.643	0.699	0.455	0.675	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			106.454								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/23/79	4	402.5	687.	1900.	43.	745699.333	863.539	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/23/79	4	2.414	2.435	3.279	1.633	0.579	0.761	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			272.459								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/08/73-06/22/76	5	1700.	1448.	2100.	660.	409120.	639.625	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/08/73-06/22/76	5	3.23	3.119	3.322	2.82	0.05	0.223	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1315.496								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/26/74-06/22/76	3	0.1	0.093	0.1	0.08	0.	0.012	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/74-08/26/79	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/23/74-08/26/79	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/23/74-08/26/79	3	5.	3.333	5.	0.	8.333	2.887	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/74-08/26/79	3	1.9	1.567	2.8	0.	2.043	1.429	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/74-08/26/79	3	1.	0.967	1.9	0.	0.903	0.95	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/74-08/26/79	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/23/74-08/26/79	3	1.1	1.033	1.8	0.2	0.643	0.802	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/74-08/26/79	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/23/74-06/22/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/23/74-08/26/79	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/23/74-08/26/79	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/23/74-08/26/79	3	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/23/74-08/26/79	3	0.	4.333	13.	0.	56.333	7.506	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/74-06/22/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/74-06/22/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/23/74-06/22/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/23/74-06/22/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/23/74-06/22/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	04/23/74-06/22/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/26/79-07/11/80	2	313.	313.	315.	311.	8.	2.828	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/26/79-07/11/80	2	0.425	0.425	0.43	0.42	0.	0.007	**	**	**	**
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/26/79-07/11/80	2	1331.	1331.	2400.	262.	2285522.	1511.794	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/26/79-07/11/80	2	2.75	2.75	5.4	0.1	14.045	3.748	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/26/79-07/11/80	2	0.8	0.8	1.6	0.	1.28	1.131	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/26/79-07/11/80	2	0.125	0.125	0.17	0.08	0.004	0.064	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/26/74-08/08/78	4	7.15	6.275	7.8	3.	5.063	2.25	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	19	2	0.11	3	0	0.00	3	0	0.00	7	1	0.14	6	1	0.17
00400	PH	Other-Hi Lim.	9.	19	0	0.00	3	0	0.00	3	0	0.00	7	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	19	0	0.00	3	0	0.00	3	0	0.00	7	0	0.00	6	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	5	0	0.00							1	0	0.00	4	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00							1	0	0.00	4	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00							1	0	0.00	4	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00							1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	1	0	0.00				2	0	0.00	5	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	8	0	0.00	1	0	0.00				2	0	0.00	5	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00										1	1	1.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	8	4	0.50	1	0	0.00	2	0	0.00	2	1	0.50	3	3	1.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0064

NPS Station ID: INDU0064
LAT/LON: 41.719448/ -86.955559
Agency: 1115GLSB
Date Created: 09/22/77
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): IND 43
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 55
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 7.50
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 23.87
Distance from RF3: 0.40
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/77-09/24/77	8	17.	16.7	20.7	12.	10.646	3.263	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/11/77-09/24/77	8	1.4	1.325	1.8	0.7	0.165	0.406	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/11/77-09/24/77	3	3.5	3.333	3.5	3.	0.083	0.289	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/77-09/24/77	8	281.	280.625	286.	275.	23.411	4.838	**	**	**	**
00400	PH (STANDARD UNITS)	06/11/77-09/24/77	8	8.35	8.301	8.5	8.	0.033	0.181	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/11/77-09/24/77	8	8.347	8.267	8.5	8.	0.034	0.184	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/77-09/24/77	8	0.004	0.005	0.01	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/77-09/24/77	8	110.	110.25	114.	106.	8.5	2.915	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/77-09/24/77	8	0.009	0.008	0.013	0.001	0.	0.004	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/77-09/24/77	8	0.22	0.224	0.27	0.17	0.001	0.033	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/77-09/24/77	8	0.185	0.188	0.25	0.15	0.001	0.034	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/77-09/24/77	8	0.006	0.005	0.007	0.003	0.	0.002	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/11/77-09/24/77	8 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/77-09/24/77	8 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/77-09/24/77	8	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/77-09/24/77	6	22.	21.833	22.	21.	0.167	0.408	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/77-09/24/77	8	0.5	0.6	1.7	0.1	0.283	0.532	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	4 ##	0.75	0.75	1.	0.5	0.083	0.289	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	4 ##	-0.151	-0.151	0.	-0.301	0.03	0.174	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.707								
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	4	72.5	80.	170.	5.	6816.667	82.563	**	**	**	**
31749	LOG PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	4	1.645	1.555	2.23	0.699	0.548	0.74	**	**	**	**
31749	GM PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	GEOMETRIC MEAN =			35.881								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/11/77-09/24/77	8	1.7	2.088	4.9	0.8	2.033	1.426	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/11/77-09/24/77	8	1.15	1.7	5.4	0.5	2.691	1.641	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
00400	PH	Other-Hi Lim.	9.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00	3	0	0.00							3	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	1	0	0.00				1	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0065

NPS Station ID: INDU0065
LAT/LON: 41.679448/ -86.957505
Agency: 112WRD
Date Created: 01/16/79
Location: ASH FILL RUNOFF NR PINES IN
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 414046086572701
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001030300.00
RF3 Mile Point: 1.00
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/78-11/30/78	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/78-11/30/78	1	2260.	2260.	2260.	2260.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/78-11/30/78	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/78-11/30/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/78-11/30/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/78-11/30/78	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/30/78-11/30/78	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/30/78-11/30/78	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/30/78-11/30/78	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/30/78-11/30/78	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/30/78-11/30/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/30/78-11/30/78	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/30/78-11/30/78	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/30/78-11/30/78	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/30/78-11/30/78	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/30/78-11/30/78	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/30/78-11/30/78	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/30/78-11/30/78	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/30/78-11/30/78	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	11/30/78-11/30/78	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/30/78-11/30/78	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/30/78-11/30/78	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/30/78-11/30/78	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/30/78-11/30/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/30/78-11/30/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/30/78-11/30/78	1	64.	64.	64.	64.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/30/78-11/30/78	1	3300.	3300.	3300.	3300.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/30/78-11/30/78	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/30/78-11/30/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/30/78-11/30/78	1	5700.	5700.	5700.	5700.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/30/78-11/30/78	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/30/78-11/30/78	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	11/30/78-11/30/78	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	11/30/78-11/30/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	11/30/78-11/30/78	1	630.	630.	630.	630.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	11/30/78-11/30/78	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	11/30/78-11/30/78	1	9.	9.	9.	9.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/30/78-11/30/78	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0065

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	1	1.00	1	1	1.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	1	1.00	1	1	1.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0066

NPS Station ID: INDU0066
LAT/LON: 41.678615/ -86.957781
Agency: 112WRD
Date Created: 01/16/79
Location: TRIB TO BROWN DIT AB CONFLU OF A
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 414043086572801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 14.900
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001001202.88
RF3 Mile Point: 2.89
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/30/78-11/30/78	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/30/78-11/30/78	1	547.	547.	547.	547.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/30/78-11/30/78	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/30/78-11/30/78	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/30/78-11/30/78	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/30/78-11/30/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/30/78-11/30/78	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/30/78-11/30/78	1	0.51	0.51	0.51	0.51	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/30/78-11/30/78	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/30/78-11/30/78	1	0.64	0.64	0.64	0.64	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/30/78-11/30/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/30/78-11/30/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/30/78-11/30/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/30/78-11/30/78	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/30/78-11/30/78	1	210.	210.	210.	210.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/30/78-11/30/78	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/30/78-11/30/78	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/30/78-11/30/78	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/30/78-11/30/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	11/30/78-11/30/78	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/30/78-11/30/78	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/30/78-11/30/78	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/30/78-11/30/78	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/30/78-11/30/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/30/78-11/30/78	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/30/78-11/30/78	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/30/78-11/30/78	1	570.	570.	570.	570.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/30/78-11/30/78	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/30/78-11/30/78	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0066

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0067

NPS Station ID: INDU0067
LAT/LON: 41.706948/ -86.961116
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM084A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 9
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 7.70
On/Off RF1:
RF3 Index: 04040001000501.22
RF3 Mile Point: 2.47
Distance from RF3: 0.85
On/Off RF3:
Description:
OPEN WATER LAKE MICHIGAN STATION SAMPLED DURING THE GLIRBP STUDY OF THE LAKE 1962-1964 41D-42M-25.0S LONG. 086D-57M-40.0S

Parameter Inventory for Station: INDU0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/28/63-05/28/63	2	13.5	13.5	14.	13.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/28/63-05/28/63	2	281.	281.	284.	278.	18.	4.243	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/28/63-05/28/63	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/28/63-05/28/63	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/28/63-05/28/63	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/28/63-05/28/63	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/28/63-05/28/63	1	112.	112.	112.	112.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/28/63-05/28/63	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/63-05/28/63	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/28/63-05/28/63	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/28/63-05/28/63	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0068

NPS Station ID: INDU0068
LAT/LON: 41.716670/ -86.966670
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM097
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 52
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 6.80
On/Off RF1:
RF3 Index: 04040001000501.22
RF3 Mile Point: 2.25
Distance from RF3: 0.80
On/Off RF3:
Description:
OPEN WATER LAKE MICHIGAN STATION SAMPLED DURING THE GLIRBP STUDY OF THE LAKE 1962-1964 LAT. 41D-43M-00.0S LONG. 086D-58M-00.0S

Parameter Inventory for Station: INDU0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/28/63-05/28/63	3	11.	12.	14.	11.	3.	1.732	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	09/02/62-09/02/62	4	1.4	1.525	2.2	1.1	0.249	0.499	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/62-05/28/63	7	268.	274.	284.	268.	57.333	7.572	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/02/62-05/28/63	7	8.4	9.214	11.1	7.	2.818	1.679	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/28/63-05/28/63	3	100.6	101.367	106.5	97.	23.003	4.796	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/02/62-05/28/63	3	0.6	0.733	1.	0.6	0.053	0.231	**	**	**	**
00400	PH (STANDARD UNITS)	09/02/62-05/28/63	5	8.2	8.2	8.5	8.	0.035	0.187	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/02/62-05/28/63	5	8.2	8.171	8.5	8.	0.036	0.19	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/62-05/28/63	5	0.006	0.007	0.01	0.003	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/02/62-05/28/63	5	109.	108.4	112.	103.	10.8	3.286	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	09/02/62-09/02/62	2	170.	170.	182.	158.	288.	16.971	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/02/62-09/02/62	2	168.5	168.5	179.	158.	220.5	14.849	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/02/62-09/02/62	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/02/62-09/02/62	2	0.405	0.405	0.49	0.32	0.014	0.12	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	09/02/62-09/02/62	2	0.225	0.225	0.26	0.19	0.002	0.049	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/02/62-05/28/63	4	0.08	0.085	0.15	0.03	0.003	0.055	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/02/62-05/28/63	4	0.145	0.143	0.18	0.1	0.001	0.033	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/02/62-05/28/63	4	0.03	0.038	0.09	0.	0.002	0.041	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/02/62-09/02/62	2	33.	33.	34.	32.	2.	1.414	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	09/02/62-09/02/62	2	4.15	4.15	4.3	4.	0.045	0.212	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/02/62-09/02/62	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/02/62-09/02/62	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/02/62-09/02/62	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/02/62-09/02/62	2	22.	22.	22.	22.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/02/62-09/02/62	2	2.05	2.05	2.7	1.4	0.845	0.919	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/02/62-09/02/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/02/62-09/02/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/02/62-09/02/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/02/62-09/02/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/02/62-09/02/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/02/62-09/02/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/28/63-05/28/63	1	8.	8.	8.	8.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/02/62-09/02/62	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0068

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	7	0	0.00							3	0	0.00	4	0	0.00
00400	PH	Other-Hi Lim.	9.	5	0	0.00							1	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	5	0	0.00							1	0	0.00	4	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00							2	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0069

NPS Station ID: INDU0069
LAT/LON: 41.710281/ -86.971948
Agency: 21IND
Date Created: 02/14/81
Location: OFF-SHORE STATION-121
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 360121 /121-O
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 59
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 20.80
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 12.18
Distance from RF3: 1.75
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/80-09/23/81	30	14.75	13.75	18.5	8.5	12.461	3.53	8.55	10.	17.	18.45
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-09/23/81	3	96.	108.	156.	72.	1872.	43.267	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/80-09/23/81	30	245.	244.833	285.	220.	454.282	21.314	220.	230.	245.	284.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/80-09/23/81	30	300.	300.333	305.	300.	1.609	1.269	300.	300.	300.	300.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/80-09/23/81	35	9.6	10.131	11.7	8.7	1.125	1.06	8.9	9.4	11.5	11.6
00400	PH (STANDARD UNITS)	05/20/80-09/23/81	30	8.4	8.353	8.4	8.3	0.003	0.051	8.3	8.3	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	05/20/80-09/23/81	30	8.4	8.35	8.4	8.3	0.003	0.051	8.3	8.3	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/80-09/23/81	30	0.004	0.004	0.005	0.004	0.	0.001	0.004	0.004	0.005	0.005
00600	NITROGEN, TOTAL (MG/L AS N)	06/23/80-06/23/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/80-09/23/81	8	0.013	0.014	0.029	0.005	0.	0.01	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/80-09/23/81	8	0.25	0.251	0.395	0.045	0.015	0.124	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/20/80-09/23/81	8	0.21	0.228	0.33	0.2	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/80-09/23/81	8	0.01	0.015	0.045	0.003	0.	0.015	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/20/80-09/23/81	8 ##	0.003	0.004	0.009	0.003	0.	0.002	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-09/23/81	8	10.	10.375	11.	10.	0.268	0.518	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/80-09/23/81	8	21.5	21.375	23.	20.	1.125	1.061	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	05/20/80-09/23/81	8	0.55	0.488	0.7	0.2	0.038	0.196	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-09/23/81	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-09/23/81	5	28.	29.4	33.	27.	8.3	2.881	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-09/23/81	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-09/23/81	5	1.	2.4	5.	1.	3.8	1.949	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-09/23/81	5	2.	3.2	10.	1.	14.7	3.834	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/20/80-09/23/81	5	42.	98.	300.	18.	13814.	117.533	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-09/23/81	5 ##	0.5	0.9	2.	0.5	0.425	0.652	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-09/23/81	5 ##	0.5	0.32	0.5	0.05	0.061	0.246	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-09/23/81	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/20/80-09/23/81	8 ##	1.5	4.75	13.	1.	25.929	5.092	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/23/80-06/23/80	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-09/23/81	5	0.1	0.1	0.2	0.05	0.004	0.061	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	35	0	0.00	11	0	0.00				24	0	0.00			
00400	PH	Other-Hi Lim.	9.	30	0	0.00	6	0	0.00				24	0	0.00			
		Other-Lo Lim.	6.5	30	0	0.00	6	0	0.00				24	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	2	0	0.00				6	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	8	0	0.00	2	0	0.00				6	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	2	0	0.00				6	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	8	0	0.00	2	0	0.00				6	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	5	0	0.00	2	0	0.00				3	0	0.00			
		Drinking Water	50.	5	0	0.00	2	0	0.00				3	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	5	0	0.00	2	0	0.00				3	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	5	0	0.00	2	0	0.00				3	0	0.00			
		Drinking Water	5.	5	0	0.00	2	0	0.00				3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00	2	0	0.00				3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	5	0	0.00	2	0	0.00				3	0	0.00			
		Drinking Water	1300.	5	0	0.00	2	0	0.00				3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	5	0	0.00	2	0	0.00				3	0	0.00			
		Drinking Water	5.	5	0	0.00	2	0	0.00				3	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	5	0	0.00	2	0	0.00				3	0	0.00			
		Drinking Water	50.	5	0	0.00	2	0	0.00				3	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	5	0	0.00	2	0	0.00				3	0	0.00			
		Drinking Water	50.	5	0	0.00	2	0	0.00				3	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00	2	0	0.00				3	0	0.00			
		Drinking Water	2.	5	0	0.00	2	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0070

NPS Station ID: INDU0070
LAT/LON: 41.703615/ -86.971948
Agency: 21IND
Date Created: 02/14/81
Location: OFF-SHORE STATION-144
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 360144 /144-O
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 44
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 16.80
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 10.88
Distance from RF3: 1.33
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/80-10/15/80	9	12.5	12.5	12.5	12.5	0.	0.	12.5	12.5	12.5	12.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/15/80-10/15/80	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	10/15/80-10/15/80	9	250.	250.	250.	250.	0.	0.	250.	250.	250.	250.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/80-10/15/80	9	305.	305.556	310.	305.	2.778	1.667	305.	305.	305.	310.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/15/80-10/15/80	9	9.2	9.167	9.4	9.	0.013	0.112	9.	9.1	9.2	9.4
00400	PH (STANDARD UNITS)	10/15/80-10/15/80	9	8.3	8.256	8.3	8.2	0.003	0.053	8.2	8.2	8.3	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/15/80-10/15/80	9	8.3	8.253	8.3	8.2	0.003	0.053	8.2	8.2	8.3	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/80-10/15/80	9	0.005	0.006	0.006	0.005	0.	0.001	0.005	0.005	0.006	0.006
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/15/80-10/15/80	2	0.025	0.025	0.026	0.024	0.	0.001	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/15/80-10/15/80	2	0.195	0.195	0.225	0.165	0.002	0.042	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/15/80-10/15/80	2	0.205	0.205	0.21	0.2	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/15/80-10/15/80	2	0.008	0.008	0.009	0.007	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/15/80-10/15/80	2	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/15/80-10/15/80	2	22.	22.	22.	22.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/15/80-10/15/80	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0070

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	9	0	0.00	9	0	0.00									
00400	PH	Other-Hi Lim.	9.	9	0	0.00	9	0	0.00									
		Other-Lo Lim.	6.5	9	0	0.00	9	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0071

NPS Station ID: INDU0071 LAT/LON: 41.684448/ -86.976670 Agency: 112WRD Date Created: 11/18/75
Location: E DERBY DIT TRIB AT WELLS ST AT BEV SHORES IND FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 414104086583601
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 04040001 RF1 Mile Point: 0.000 Distance from RF1: 4.00 On/Off RF1:
RF3 Index: 04040001029500.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: INDU0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/74-06/22/76	4	6.75	8.65	20.1	1.	70.657	8.406	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/22/74-06/22/76	5	380.	414.	620.	320.	13880.	117.813	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/14/74-06/22/76	3	5.6	7.767	13.1	4.6	21.583	4.646	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/14/74-02/03/75	2	66.	66.	100.	32.	2312.	48.083	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/74-06/22/76	4	6.75	6.75	7.4	6.1	0.323	0.569	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/74-06/22/76	4	6.682	6.505	7.4	6.1	0.403	0.635	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/74-06/22/76	4	0.208	0.313	0.794	0.04	0.117	0.342	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	02/03/75-02/03/75	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/03/75-02/03/75	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/03/75-02/03/75	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	02/03/75-02/03/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/03/75-02/03/75	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/03/75-02/03/75	1	87.	87.	87.	87.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/03/75-02/03/75	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/03/75-02/03/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/03/75-02/03/75	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	02/03/75-02/03/75	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	02/03/75-02/03/75	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/03/75-02/03/75	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/03/75-02/03/75	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/03/75-02/03/75	1	60.	60.	60.	60.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0071

				Total	Exceed	Prop.	9/16-1/15			1/16-3/15			3/16-7/15			7/16-9/15		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	2	0.50	1	1	1.00	2	1	0.50	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0072

NPS Station ID: INDU0072
LAT/LON: 41.623892/ -86.980560
Agency: 112WRD
Date Created: 03/16/79
Location: LT CALUMET R @ 450 E RD NR BRUMNUTT ACRES IN
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413726086585001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 3.50
On/Off RF1:
RF3 Index: 04040001059600.54
RF3 Mile Point: 1.39
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/78-07/11/80	9	12.6	12.467	19.4	0.	40.17	6.338	0.	8.45	18.2	19.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/78-07/11/80	9	630.	618.333	770.	460.	8714.25	93.35	460.	551.	670.	770.
00300	OXYGEN, DISSOLVED MG/L	10/03/78-07/11/80	9	10.8	10.2	11.6	8.3	1.885	1.373	8.3	8.55	11.35	11.6
00400	PH (STANDARD UNITS)	10/03/78-07/11/80	9	8.2	7.911	8.5	6.7	0.281	0.53	6.7	7.7	8.2	8.5
00400	CONVERTED PH (STANDARD UNITS)	10/03/78-07/11/80	9	8.2	7.501	8.5	6.7	0.47	0.686	6.7	7.7	8.2	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/78-07/11/80	9	0.006	0.032	0.2	0.003	0.004	0.063	0.003	0.006	0.02	0.2
00405	CARBON DIOXIDE (MG/L AS CO2)	08/24/79-08/24/79	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/17/78-07/11/80	3	260.	263.333	270.	260.	33.333	5.774	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/24/79-07/11/80	2	2.795	2.795	5.2	0.39	11.568	3.401	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/24/79-07/11/80	2	3.11	3.11	5.2	1.02	8.736	2.956	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/24/79-07/11/80	2	0.315	0.315	0.34	0.29	0.001	0.035	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	3	0.21	0.17	0.21	0.09	0.005	0.069	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	3	0.01	0.025	0.06	0.005	0.001	0.03	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	3	0.21	0.193	0.27	0.1	0.007	0.086	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/17/78-07/11/80	3	0.2	0.167	0.2	0.1	0.003	0.058	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/17/78-07/11/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/17/78-07/11/80	3	0.005	0.005	0.01	0.	0.	0.005	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/17/78-07/11/80	3 ##	0.005	0.003	0.005	0.	0.	0.003	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/17/78-07/11/80	3	8.	6.1	8.9	1.4	16.77	4.095	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/17/78-07/11/80	3	320.	316.667	320.	310.	33.333	5.774	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/17/78-07/11/80	3	57.	54.	63.	42.	117.	10.817	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/17/78-07/11/80	3	79.	78.667	83.	74.	20.333	4.509	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/17/78-07/11/80	3	29.	29.333	31.	28.	2.333	1.528	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/17/78-07/11/80	3	12.	12.667	15.	11.	4.333	2.082	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/17/78-07/11/80	3	0.3	0.333	0.4	0.3	0.003	0.058	**	**	**	**
00932	SODIUM, PERCENT	11/17/78-07/11/80	3	8.	9.667	14.	7.	14.333	3.786	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/24/79-08/24/79	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/17/78-07/11/80	3	1.7	1.733	2.	1.5	0.063	0.252	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/17/78-07/11/80	3	17.	18.667	23.	16.	14.333	3.786	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/78-07/11/80	3	54.	51.667	62.	39.	136.333	11.676	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/17/78-07/11/80	3	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/17/78-07/11/80	3	14.	13.333	14.	12.	1.333	1.155	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/17/78-08/24/79	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/17/78-08/24/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/17/78-08/24/79	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/17/78-08/24/79	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/17/78-04/08/80	3	10.	13.333	20.	10.	33.333	5.774	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/17/78-07/11/80	3	60.	53.333	70.	30.	433.333	20.817	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/17/78-04/08/80	3	20.	16.667	20.	10.	33.333	5.774	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/17/78-07/11/80	3	50.	46.667	50.	40.	33.333	5.774	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/17/78-04/08/80	3	40.	46.667	60.	40.	133.333	11.547	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/14/78-08/22/79	4	550.	612.5	1200.	150.	213025.	461.546	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/14/78-08/22/79	4	2.713	2.67	3.079	2.176	0.155	0.393	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			467.952								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/14/78-08/22/79	4	1500.	2600.	6600.	800.	7220000.	2687.006	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/14/78-08/22/79	4	3.176	3.269	3.82	2.903	0.151	0.389	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1856.539								
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/17/78-08/24/79	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	7.15	7.15	9.3	5.	9.245	3.041	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	5.65	5.65	6.3	5.	0.845	0.919	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	5.55	5.55	6.6	4.5	2.205	1.485	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/17/78-08/24/79	2	0.45	0.45	0.9	0.	0.405	0.636	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/17/78-08/24/79	2	17.5	17.5	31.	4.	364.5	19.092	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/17/78-07/11/80	3	366.	365.333	372.	358.	49.333	7.024	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/17/78-07/11/80	3	0.5	0.5	0.51	0.49	0.	0.01	**	**	**	**
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/24/79-07/11/80	2	264.5	264.5	529.	0.	139920.5	374.059	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/24/79-07/11/80	2	0.635	0.635	1.2	0.07	0.638	0.799	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/24/79-07/11/80	2	0.1	0.1	0.2	0.	0.02	0.141	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/17/78-07/11/80	3	0.01	0.03	0.08	0.	0.002	0.044	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0072

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	9	0	0.00	2	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	9	0	0.00	2	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	9	0	0.00	2	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	3	0.75	1	1	1.00	1	1	1.00	1	0	0.00	1	1	1.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0073

NPS Station ID: INDU0073
LAT/LON: 41.710281/ -86.991392
Agency: 21IND
Date Created: 01/09/82
Location: STATION 120-OFFSHORE
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 360120 /120-O
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 82
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 25.70
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 11.19
Distance from RF3: 2.22
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/81-09/23/81	6	18.5	18.333	18.5	18.	0.067	0.258	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/23/81-09/23/81	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/23/81-09/23/81	6	280.	281.667	285.	280.	6.667	2.582	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/23/81-09/23/81	6	300.	300.	300.	300.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/23/81-09/23/81	12	9.	8.933	9.7	8.4	0.153	0.392	8.43	8.55	9.175	9.61
00400	PH (STANDARD UNITS)	09/23/81-09/23/81	6	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/81-09/23/81	6	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/81-09/23/81	6	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/23/81-09/23/81	2	0.09	0.09	0.146	0.034	0.006	0.079	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/23/81-09/23/81	2	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-09/23/81	2	0.225	0.225	0.28	0.17	0.006	0.078	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/23/81-09/23/81	2	0.029	0.029	0.035	0.022	0.	0.009	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/23/81-09/23/81	2	0.008	0.008	0.009	0.006	0.	0.002	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/81-09/23/81	2	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/81-09/23/81	2	21.	21.	21.	21.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	09/23/81-09/23/81	2	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/23/81-09/23/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	09/23/81-09/23/81	2	26.	26.	27.	25.	2.	1.414	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/81-09/23/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/23/81-09/23/81	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/23/81-09/23/81	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/23/81-09/23/81	2	139.5	139.5	178.	101.	2964.5	54.447	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/23/81-09/23/81	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/23/81-09/23/81	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/23/81-09/23/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/23/81-09/23/81	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/23/81-09/23/81	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	12	0	0.00	12	0	0.00									

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EPA Water Quality Criteria Analysis for Station: INDU0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00	2	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0074

NPS Station ID: INDU0074
Location:
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 04040001
Major Basin:
Minor Basin:
RF1 Index: 04040001002
RF3 Index: 04040001038300.00
Description:

LAT/LON: 41.676115/ -86.997782
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 16.420
RF3 Mile Point: 3.15

Agency: 112WRD
FIPS State/County: 18127 INDIANA/PORTER
STORET Station ID(s): 414034086595201
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 16.10
Distance from RF3: 0.65

Date Created: 05/17/80
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: INDU0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/26/79-03/21/79	2	1.9	1.9	3.8	0.	7.22	2.687	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/26/79-03/21/79	2	239.	239.	338.	140.	19602.	140.007	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/26/79-03/21/79	2	6.85	6.85	7.4	6.3	0.605	0.778	**	**	**	**
00400	PH (STANDARD UNITS)	02/26/79-03/21/79	2	6.85	6.85	6.9	6.8	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	02/26/79-03/21/79	2	6.847	6.847	6.9	6.8	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/26/79-03/21/79	2	0.142	0.142	0.158	0.126	0.001	0.023	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/78-08/23/79	4	62.	607.25	2300.	5.	1275770.25	1129.5	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/78-08/23/79	4	1.594	1.812	3.362	0.699	1.379	1.174	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			64.872								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/23/79	4	185.	1130.5	4100.	52.	3923161.	1980.697	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/23/79	4	2.266	2.465	3.613	1.716	0.653	0.808	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			291.787								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00400	PH	Other-Hi Lim.	9.	2	0	0.00				1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	1	0.25	1	0	0.00	1	0	0.00	1	0	0.00	1	1	1.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0075

NPS Station ID: INDU0075
LAT/LON: 41.674448/ -87.008893
Agency: 112WRD
Date Created: 11/30/85
Location: USGS WELL 305-SW NR BEVERLY SHORES,IN
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 414028087003203
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.80
On/Off RF1:
RF3 Index: 04040001029800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.45
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/14/85-03/14/85	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/14/85-03/14/85	1	580.	580.	580.	580.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/14/85-03/14/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/14/85-03/14/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/14/85-03/14/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/14/85-03/14/85	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/14/85-03/14/85	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/14/85-03/14/85	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/14/85-03/14/85	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/14/85-03/14/85	1	178.	178.	178.	178.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/14/85-03/14/85	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/14/85-03/14/85	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/14/85-03/14/85	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/14/85-03/14/85	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/14/85-03/14/85	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/14/85-03/14/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/14/85-03/14/85	1	184.	184.	184.	184.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00				1	0	0.00						
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00403	PH, LAB	Other-Hi Lim.	9.	1	1	1.00				1	1	1.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0076

NPS Station ID: INDU0076
LAT/LON: 41.682227/ -87.009448
Agency: 112WRD
Date Created: 03/17/77
Location: LAKE MICHIGAN AT BEVERLY SHORES IND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 414056087003401
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 16.910
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001000200.00
RF3 Mile Point: 8.73
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/73-10/18/73	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	1	210.	210.	210.	210.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/18/73-10/18/73	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/73-10/18/73	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/73-10/18/73	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/73-10/18/73	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/18/73-10/18/73	1	200.	200.	200.	200.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/18/73-10/18/73	1	2.301	2.301	2.301	2.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			200.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/73-10/18/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/73-10/18/73	1	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0076

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0077

NPS Station ID: INDU0077
LAT/LON: 41.661670/ -87.010281
Agency: 112WRD
Date Created: 04/14/78
Location: NPS WELL NO 1 NR FURNESSVILLE IN
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413942087003701
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.50
On/Off RF1:
RF3 Index: 04040001037700.00
RF3 Mile Point: 2.47
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/19/77-01/19/77	1	459.	459.	459.	459.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/19/77-01/19/77	1	559.	559.	559.	559.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/19/77-01/19/77	1	420.	420.	420.	420.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/19/77-01/19/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/19/77-01/19/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/19/77-01/19/77	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/19/77-01/19/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	01/19/77-01/19/77	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	01/19/77-01/19/77	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/19/77-01/19/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/19/77-01/19/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/19/77-01/19/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/19/77-01/19/77	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/19/77-01/19/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	01/19/77-01/19/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	01/19/77-01/19/77	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/19/77-01/19/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	01/19/77-01/19/77	1	680.	680.	680.	680.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	01/19/77-01/19/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/19/77-01/19/77	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	01/19/77-01/19/77	1	210.	210.	210.	210.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/19/77-01/19/77	1	468.	468.	468.	468.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	01/19/77-01/19/77	1	0.64	0.64	0.64	0.64	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	01/19/77-01/19/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0077

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0077

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	1	1.00				1	1	1.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00				1	1	1.00						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0078

NPS Station ID: INDU0078
LAT/LON: 41.681392/ -87.030004
Agency: 21IND
Date Created: 02/14/81
Location: OFF-SHORE STATION-163
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 360163 /163-O
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 33
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 12.10
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 9.54
Distance from RF3: 0.84
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/80-07/21/80	7	22.5	22.714	23.5	22.5	0.155	0.393	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/21/80-07/21/80	1	204.	204.	204.	204.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/21/80-07/21/80	7	140.	140.	140.	140.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/80-07/21/80	7	295.	295.	295.	295.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/21/80-07/21/80	7	9.5	9.514	9.7	9.4	0.008	0.09	**	**	**	**
00400	PH (STANDARD UNITS)	07/21/80-07/21/80	7	8.45	8.443	8.45	8.4	0.	0.019	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/21/80-07/21/80	7	8.45	8.442	8.45	8.4	0.	0.019	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/21/80-07/21/80	7	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/21/80-07/21/80	3 ##	0.005	0.007	0.011	0.005	0.	0.003	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/21/80-07/21/80	3	0.495	0.487	0.515	0.45	0.001	0.033	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/21/80-07/21/80	3	0.17	0.19	0.23	0.17	0.001	0.035	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/21/80-07/21/80	3	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/21/80-07/21/80	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/21/80-07/21/80	3	10.	10.333	11.	10.	0.333	0.577	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/21/80-07/21/80	3	22.	22.	22.	22.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	07/21/80-07/21/80	3	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/21/80-07/21/80	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/21/80-07/21/80	3	33.	33.	34.	32.	1.	1.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/21/80-07/21/80	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/21/80-07/21/80	3	2.	2.	2.	2.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/21/80-07/21/80	3	4.	3.667	4.	3.	0.333	0.577	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/21/80-07/21/80	3	33.	33.	37.	29.	16.	4.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/21/80-07/21/80	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/21/80-07/21/80	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/80-07/21/80	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/21/80-07/21/80	3	3.	2.333	3.	1.	1.333	1.155	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/21/80-07/21/80	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0078

			Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	7	0	0.00										7	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0078

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	7	0	0.00										7	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00										7	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00										3	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	3	0	0.00										3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00										3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00										3	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00										3	0	0.00
		Drinking Water	50.	3	0	0.00										3	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	3	0	0.00										3	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00										3	0	0.00
		Drinking Water	5.	3	0	0.00										3	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00										3	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00										3	0	0.00
		Drinking Water	1300.	3	0	0.00										3	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00										3	0	0.00
		Drinking Water	5.	3	0	0.00										3	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	3	0	0.00										3	0	0.00
		Drinking Water	50.	3	0	0.00										3	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00										3	0	0.00
		Drinking Water	50.	3	0	0.00										3	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00										3	0	0.00
		Drinking Water	2.	3	0	0.00										3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0079

NPS Station ID: INDU0079
LAT/LON: 41.695837/ -87.030004
Agency: 21IND
Date Created: 02/14/81
Location: OFF-SHORE STATION-142
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 360142 /142-O
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 59
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 21.40
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 9.80
Distance from RF3: 1.76
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/80-09/23/81	18	18.5	19.139	23.5	12.	13.73	3.705	12.	17.625	22.5	23.05
00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/21/80-09/23/81	2	150.	150.	228.	72.	12168.	110.309	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/21/80-09/23/81	18	140.	187.5	290.	140.	4783.088	69.16	140.	140.	280.	285.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/80-09/23/81	18	295.	296.944	305.	295.	9.232	3.038	295.	295.	300.	300.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/21/80-09/23/81	24	9.45	9.208	9.9	8.4	0.242	0.492	8.4	8.725	9.5	9.9
00400	PH (STANDARD UNITS)	07/21/80-09/23/81	18	8.3	8.306	8.45	8.	0.027	0.164	8.	8.263	8.45	8.45
00400	CONVERTED PH (STANDARD UNITS)	07/21/80-09/23/81	18	8.3	8.273	8.45	8.	0.028	0.168	8.	8.262	8.45	8.45
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/21/80-09/23/81	18	0.005	0.005	0.01	0.004	0.	0.002	0.004	0.004	0.006	0.01
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/21/80-09/23/81	4	0.037	0.036	0.05	0.019	0.	0.013	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/21/80-09/23/81	4	0.389	0.402	0.68	0.15	0.062	0.249	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/21/80-09/23/81	4	0.21	0.22	0.28	0.18	0.002	0.045	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/21/80-09/23/81	4	0.015	0.018	0.036	0.005	0.	0.015	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/23/81-09/23/81	2	0.01	0.01	0.011	0.009	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/21/80-09/23/81	4	10.	10.	10.	10.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/21/80-09/23/81	4	22.	21.75	22.	21.	0.25	0.5	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	07/21/80-09/23/81	4	0.45	0.425	0.7	0.1	0.103	0.32	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/21/80-09/23/81	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/21/80-09/23/81	4	30.	30.5	35.	27.	13.667	3.697	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/21/80-09/23/81	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/21/80-09/23/81	4	2.5	2.75	4.	2.	0.917	0.957	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/21/80-09/23/81	4	7.	6.75	8.	5.	2.25	1.5	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/21/80-09/23/81	4	72.5	87.25	180.	24.	4887.583	69.911	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/21/80-09/23/81	4 ##	0.75	0.75	1.	0.5	0.083	0.289	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/21/80-09/23/81	4 ##	0.275	0.275	0.5	0.05	0.068	0.26	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/80-09/23/81	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/23/81-09/23/81	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/21/80-09/23/81	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	24	0	0.00	12	0	0.00							12	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	18	0	0.00	6	0	0.00							12	0	0.00
		Other-Lo Lim.	6.5	18	0	0.00	6	0	0.00							12	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	2	0	0.00							2	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	2	0	0.00							2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	4	0	0.00	2	0	0.00							2	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	2	0	0.00							2	0	0.00
		Drinking Water	50.	4	0	0.00	2	0	0.00							2	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	4	0	0.00	2	0	0.00							2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4	0	0.00	2	0	0.00							2	0	0.00
		Drinking Water	5.	4	0	0.00	2	0	0.00							2	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	2	0	0.00							2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	4	0	0.00	2	0	0.00							2	0	0.00
		Drinking Water	1300.	4	0	0.00	2	0	0.00							2	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	4	0	0.00	2	0	0.00							2	0	0.00
		Drinking Water	5.	4	0	0.00	2	0	0.00							2	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	4	0	0.00	2	0	0.00							2	0	0.00
		Drinking Water	50.	4	0	0.00	2	0	0.00							2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00	2	0	0.00							2	0	0.00
		Drinking Water	50.	4	0	0.00	2	0	0.00							2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00	2	0	0.00							2	0	0.00
		Drinking Water	2.	4	0	0.00	2	0	0.00							2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0080

NPS Station ID: INDU0080
LAT/LON: 41.683337/ -87.030560
Agency: 1115GLSB
Date Created: 09/22/77
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): IND 41
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 39
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 15.00
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 10.54
Distance from RF3: 1.16
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/77-09/24/77	7	17.5	17.929	20.5	15.	3.869	1.967	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/11/77-09/24/77	7	1.3	1.429	1.9	1.2	0.059	0.243	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/11/77-09/24/77	3	3.4	3.467	4.	3.	0.253	0.503	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/77-09/24/77	7	276.	278.286	286.	274.	28.238	5.314	**	**	**	**
00400	PH (STANDARD UNITS)	06/11/77-09/24/77	7	8.5	8.424	8.56	8.2	0.024	0.155	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/11/77-09/24/77	7	8.5	8.399	8.56	8.2	0.025	0.157	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/77-09/24/77	7	0.003	0.004	0.006	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/77-09/24/77	7	109.	109.286	113.	106.	6.571	2.563	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/77-09/24/77	7	0.003	0.005	0.011	0.001	0.	0.004	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/77-09/24/77	7	0.22	0.216	0.36	0.13	0.007	0.085	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/77-09/24/77	7	0.17	0.176	0.2	0.16	0.	0.017	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/77-09/24/77	7	0.005	0.006	0.013	0.003	0.	0.003	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/11/77-09/24/77	7 ##	0.002	0.002	0.004	0.002	0.	0.001	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/77-09/24/77	7 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/77-09/24/77	7	9.	9.143	10.	9.	0.143	0.378	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/77-09/24/77	5	22.	22.	22.	22.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/77-09/24/77	7	0.3	0.414	0.7	0.1	0.078	0.279	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	4 ##	1.	6.625	24.	0.5	134.229	11.586	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	4 ##	0.	0.27	1.38	-0.301	0.568	0.754	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.861								
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	4	56.	79.75	190.	17.	6124.25	78.258	**	**	**	**
31749	LOG PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	4	1.704	1.729	2.279	1.23	0.21	0.459	**	**	**	**
31749	GM PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	GEOMETRIC MEAN =			53.624								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/11/77-09/24/77	6	0.9	1.083	1.9	0.7	0.186	0.431	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/11/77-09/24/77	6	1.45	1.65	3.1	0.9	0.603	0.777	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0080

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	7	0	0.00	3	0	0.00				2	0	0.00	2	0	0.00
00400	PH	Other-Hi Lim.	9.	7	0	0.00	3	0	0.00				2	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00	3	0	0.00				2	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0080

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	3	0	0.00				2	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	3	0	0.00				2	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	5	0	0.00	3	0	0.00							2	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	1	0	0.00				1	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0081

NPS Station ID: INDU0081
LAT/LON: 41.602504/ -87.031393
Agency: 21IND
Date Created: 07/03/82
Location: MORGAN LAKE, PORTER COUNTY
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 350447 /MORGAN6401
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 15
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04040001021
RF1 Mile Point: 7.350
Distance from RF1: 0.70
On/Off RF1: OFF
RF3 Index: 04040001000200.00
RF3 Mile Point: 23.28
Distance from RF3: 0.30
On/Off RF3:
Description:
SE1/4 NE1/4 SEC. 06 T.36N. R. 5W.
AREA=12 ACRES, MAX. DEPTH=15 FT.

Parameter Inventory for Station: INDU0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	07/29/76-07/29/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/29/76-07/29/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	07/29/76-07/29/76	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71888	PHOSPHORUS, TOTAL SOLUBLE AS PO4 - MG/L	07/29/76-07/29/76	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	07/29/76-07/29/76	1	15.	15.	15.	15.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0082

NPS Station ID: INDU0082
LAT/LON: 41.691670/ -87.033338
Agency: 1115GLSB
Date Created: 09/22/77
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): IND 40
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 55
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 25.50
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 10.54
Distance from RF3: 2.21
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/77-09/24/77	8	17.5	17.1	21.	12.5	9.417	3.069	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/11/77-09/24/77	8	1.4	1.35	1.7	1.	0.083	0.288	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/11/77-09/24/77	3	3.	3.267	4.	2.8	0.413	0.643	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/77-09/24/77	8	278.5	279.25	286.	273.	29.071	5.392	**	**	**	**
00400	PH (STANDARD UNITS)	06/11/77-09/24/77	8	8.3	8.301	8.5	8.1	0.028	0.168	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/11/77-09/24/77	8	8.289	8.273	8.5	8.1	0.029	0.171	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/77-09/24/77	8	0.005	0.005	0.008	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/77-09/24/77	8	110.	109.875	114.	106.	8.125	2.85	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/77-09/24/77	7	0.008	0.007	0.016	0.001	0.	0.005	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/77-09/24/77	8	0.23	0.218	0.3	0.14	0.003	0.053	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/77-09/24/77	7	0.19	0.186	0.22	0.16	0.001	0.027	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/77-09/24/77	8	0.005	0.006	0.009	0.003	0.	0.002	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/11/77-09/24/77	8 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/77-09/24/77	8 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/77-09/24/77	8	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/77-09/24/77	6	22.	21.667	22.	21.	0.267	0.516	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/77-09/24/77	7	0.6	0.543	1.3	0.1	0.163	0.404	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	4 ##	1.	5.125	18.	0.5	73.729	8.587	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	4 ##	0.	0.239	1.255	-0.301	0.48	0.693	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.732								
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	4	128.	109.	150.	30.	2977.333	54.565	**	**	**	**
31749	LOG PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	4	2.105	1.966	2.176	1.477	0.108	0.329	**	**	**	**
31749	GM PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	GEOMETRIC MEAN =			92.459								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/11/77-09/24/77	8	0.85	1.288	2.3	0.7	0.55	0.741	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/11/77-09/24/77	8	1.6	2.025	3.5	1.1	0.816	0.904	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0082

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
00400	PH	Other-Hi Lim.	9.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0082

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	3	0	0.00				2	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00	3	0	0.00							3	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	1	0	0.00				1	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0083

NPS Station ID: INDU0083
LAT/LON: 41.674726/ -87.036115
Agency: 21IND
Date Created: 02/14/81
Location: OFF-SHORE STATION-182
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 360182 /182-O
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 13
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 18.40
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 4.72
Distance from RF3: 1.38
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/80-06/23/80	3	16.5	16.5	17.	16.	0.25	0.5	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/80-06/23/80	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/23/80-06/23/80	3	230.	230.	230.	230.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/80-06/23/80	3	300.	300.	300.	300.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/23/80-06/23/80	3	10.	10.1	10.4	9.9	0.07	0.265	**	**	**	**
00400	PH (STANDARD UNITS)	06/23/80-06/23/80	3	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/23/80-06/23/80	3	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/80-06/23/80	3	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/23/80-06/23/80	2	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/80-06/23/80	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/80-06/23/80	2	0.445	0.445	0.495	0.395	0.005	0.071	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/80-06/23/80	2	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/80-06/23/80	2	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/23/80-06/23/80	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/80-06/23/80	2	11.	11.	11.	11.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/80-06/23/80	2	22.	22.	22.	22.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	06/23/80-06/23/80	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/23/80-06/23/80	2 ##	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/23/80-06/23/80	2	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0083

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	3	0	0.00							3	0	0.00			
00400	PH	Other-Hi Lim.	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	2	0	0.00							2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0084

NPS Station ID: INDU0084
LAT/LON: 41.681392/ -87.049448
Agency: 21IND
Date Created: 02/14/81
Location: OFF-SHORE STATION-162
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 360162 /162-O
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 57
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 20.20
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 7.81
Distance from RF3: 1.66
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/80-09/17/80	27	14.5	13.611	17.5	8.5	9.583	3.096	8.9	10.	16.	17.1
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-06/23/80	2	126.	126.	132.	120.	72.	8.485	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/80-09/17/80	27	240.	242.593	260.	230.	104.558	10.225	230.	240.	240.	260.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/80-09/17/80	27	300.	300.37	310.	300.	3.704	1.925	300.	300.	300.	300.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/80-09/17/80	27	9.6	10.215	11.8	8.9	1.339	1.157	9.	9.2	11.6	11.8
00400	PH (STANDARD UNITS)	05/20/80-09/17/80	27	8.4	8.356	8.4	8.2	0.004	0.064	8.28	8.3	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	05/20/80-09/17/80	27	8.4	8.351	8.4	8.2	0.004	0.064	8.28	8.3	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/80-09/17/80	27	0.004	0.004	0.006	0.004	0.	0.001	0.004	0.004	0.005	0.005
00600	NITROGEN, TOTAL (MG/L AS N)	06/23/80-06/23/80	2	0.205	0.205	0.21	0.2	0.	0.007	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/80-09/17/80	6 ##	0.015	0.015	0.026	0.005	0.	0.011	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/80-09/17/80	6	0.265	0.32	0.545	0.225	0.016	0.127	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/20/80-09/17/80	6	0.21	0.207	0.22	0.19	0.	0.01	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/80-09/17/80	6	0.008	0.009	0.026	0.003	0.	0.009	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/20/80-09/17/80	6 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-09/17/80	6	10.5	10.167	11.	9.	0.967	0.983	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/80-09/17/80	6	21.5	21.5	23.	20.	1.1	1.049	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	05/20/80-09/17/80	6	0.55	0.583	0.9	0.3	0.054	0.232	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-09/17/80	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-09/17/80	4	27.5	27.5	33.	22.	28.333	5.323	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-09/17/80	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-09/17/80	4	2.5	2.75	5.	1.	2.917	1.708	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-09/17/80	4	1.	1.75	4.	1.	2.25	1.5	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/20/80-09/17/80	4	83.	85.25	150.	25.	4776.917	69.115	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-09/17/80	4	1.	1.75	4.	1.	2.25	1.5	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-09/17/80	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-09/17/80	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/20/80-09/17/80	6	6.	8.	23.	1.	62.	7.874	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/23/80-06/23/80	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-09/17/80	4 ##	0.075	0.1	0.2	0.05	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0084

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	27	0	0.00	6	0	0.00				21	0	0.00			
00400	PH	Other-Hi Lim.	9.	27	0	0.00	6	0	0.00				21	0	0.00			
		Other-Lo Lim.	6.5	27	0	0.00	6	0	0.00				21	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	2	0	0.00				4	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	6	0	0.00	2	0	0.00				4	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	2	0	0.00				4	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00	2	0	0.00				4	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00				2	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	4	0	0.00	2	0	0.00				2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	5.	4	0	0.00	2	0	0.00				2	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00	2	0	0.00				2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	1300.	4	0	0.00	2	0	0.00				2	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	5.	4	0	0.00	2	0	0.00				2	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00				2	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00				2	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	2.	4	0	0.00	2	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0085

NPS Station ID: INDU0085
LAT/LON: 41.665004/ -87.059726
Agency: 112WRD
Date Created: 03/17/77
Location: LAKE MICHIGAN AT DUNES ST PARK
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 413954087033501
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 19.720
Distance from RF1: 1.50
On/Off RF1: ON
RF3 Index: 04040001038200.00
RF3 Mile Point: 0.78
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/73-10/18/73	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/18/73-10/18/73	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/73-10/18/73	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/73-10/18/73	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/73-10/18/73	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/18/73-10/18/73	1	320.	320.	320.	320.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/18/73-10/18/73	1	2.505	2.505	2.505	2.505	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			320.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/73-10/18/73	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/73-10/18/73	1 ##	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			2.5								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0085

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0086

NPS Station ID: INDU0086
LAT/LON: 41.683337/ -87.066670
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM054
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 49
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 14.40
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 3.31
Distance from RF3: 1.52
On/Off RF3:
Description:
OPEN WATER LAKE MICHIGAN STATION SAMPLED DURING THE GLIRBP STUDY OF THE LAKE 1962-1964 LAT. 41D-41M- 00.0S LONG. 087D-04M-00.0S

Parameter Inventory for Station: INDU0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/62-10/20/62	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/31/62-08/31/62	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/62-10/20/62	7	275.	273.857	278.	268.	18.143	4.259	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/31/62-10/20/62	7	8.5	8.357	9.3	6.4	1.313	1.146	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/20/62-10/20/62	1	85.8	85.8	85.8	85.8	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/31/62-10/20/62	3	0.4	0.533	0.8	0.4	0.053	0.231	**	**	**	**
00400	PH (STANDARD UNITS)	10/20/62-10/20/62	3	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/20/62-10/20/62	3	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/62-10/20/62	3	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/62-10/20/62	7	103.	107.571	119.	101.	62.286	7.892	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	08/31/62-10/20/62	3	148.	147.	154.	139.	57.	7.55	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/31/62-10/20/62	3	131.	133.	139.	129.	28.	5.292	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/31/62-10/20/62	2	21.	21.	23.	19.	8.	2.828	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/31/62-08/31/62	2	0.355	0.355	0.46	0.25	0.022	0.148	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/31/62-08/31/62	2	0.195	0.195	0.22	0.17	0.001	0.035	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/31/62-10/20/62	3	0.05	0.04	0.06	0.01	0.001	0.026	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/31/62-10/20/62	4	0.13	0.128	0.18	0.07	0.002	0.045	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/31/62-08/31/62	2	0.025	0.025	0.05	0.	0.001	0.035	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/62-08/31/62	2	33.	33.	34.	32.	2.	1.414	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/31/62-08/31/62	2	3.9	3.9	4.1	3.7	0.08	0.283	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/62-10/20/62	3	10.	10.333	12.	9.	2.333	1.528	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/62-08/31/62	2	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/62-08/31/62	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/62-08/31/62	2	20.	20.	20.	20.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/62-10/20/62	3	1.6	1.933	3.	1.2	0.893	0.945	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/62-08/31/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/62-08/31/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/62-08/31/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/62-08/31/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/62-08/31/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/62-08/31/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/20/62-10/20/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/31/62-08/31/62	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0086

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	7	0	0.00	3	0	0.00							4	0	0.00
00400	PH	Other-Hi Lim.	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	2	0	0.00							2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0087

NPS Station ID: INDU0087
LAT/LON: 41.666670/ -87.073616
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM038
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 29
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 33.40
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 9.03
Distance from RF3: 2.75
On/Off RF3:
Description:
OPEN WATER LAKE MICHIGAN STATION SAMPLED DURING THE GLIRBP STUDY OF THE LAKE 1962-1964 LAT. 41D-40M-00.0S LONG. 087D-04M-25.0S

Parameter Inventory for Station: INDU0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/63-05/27/63	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/63-05/27/63	2	303.	303.	304.	302.	2.	1.414	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/27/63-05/27/63	2	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/27/63-05/27/63	2	99.	99.	99.2	98.8	0.08	0.283	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/63-05/27/63	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/63-05/27/63	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/63-05/27/63	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/27/63-05/27/63	1	112.	112.	112.	112.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/27/63-05/27/63	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/27/63-05/27/63	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/27/63-05/27/63	1	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0087

				Total	Exceed	Prop.	9/16-1/15			1/16-3/15			3/16-7/15			7/16-9/15		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	0	0.00							2	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0088

NPS Station ID: INDU0088
LAT/LON: 41.659587/ -87.077504
Agency: 21ILL
Date Created: / /
Location: INDIANA BEACH AT PORTER
FIPS State/County: 17998 ILLINOIS/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 48308 /QY 82
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 20
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: LAKE MICHIGAN
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 4.00
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 1.69
Distance from RF3: 0.10
On/Off RF3:
Description:
STATION LOCATION IS ON LAKE MICHIGAN, AT THE INDIANA BEACH AT PORTER. STATION LOCATION IS ON LAKE MICHIGAN, AT THE INDIANA BEACH AT PORTER. THIS STATION IS SAMPLED BY THE ILLINOIS E.P.A. ON A MONTHLY BASIS.

Parameter Inventory for Station: INDU0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	66	18.9	18.417	26.1	9.4	15.673	3.959	12.2	15.825	21.7	22.95
03501	BETA, TOTAL	09/04/68-09/11/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	70	260.	2447.714	71000.	0.	77627174.41	8810.628	11.	60.	1850.	5620.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	70	2.415	2.406	4.851	0.	1.042	1.021	1.03	1.778	3.263	3.747
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			254.465								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	48	17.5	75.542	880.	1.	26983.488	164.267	1.	3.25	78.75	191.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	48	1.243	1.211	2.944	0.	0.662	0.813	0.	0.508	1.896	2.281
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			16.26								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	22	5.	16.909	160.	0.	1218.563	34.908	0.	1.	18.	49.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	22	0.699	0.722	2.204	0.	0.433	0.658	0.	0.	1.255	1.694
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.269								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81211	FLUORIDE- STATE OF ILLINOIS (MG/L)	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD DIGEST.	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81219	IRON,TOTAL-STATE OF ILLINOIS,MG/L,COLD DIGEST	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81220	LEAD, STATE OF ILLINOIS,MG/L, COLD DIGEST.	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0088

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	70	22	0.31	2	0	0.00				33	12	0.36	35	10	0.29
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	48	4	0.08							23	1	0.04	25	3	0.12
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	22	0	0.00	2	0	0.00				10	0	0.00	10	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1967 - Station INDU0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	17	18.9	17.547	22.8	10.	13.236	3.638	10.88	15.55	19.7	22.32
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	18	1000.	6830.556	71000.	0.	279341276.144	16713.506	0.	220.	4325.	21770.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	18	3.	2.839	4.851	0.	1.641	1.281	0.	2.336	3.606	4.276
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			690.046								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station INDU0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	15	17.8	17.747	22.8	11.1	13.386	3.659	12.12	15.	20.	22.8
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	16	120.	653.125	5800.	0.	2312076.25	1520.551	14.	30.	325.	3630.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	16	2.065	2.029	3.763	0.	0.804	0.896	0.911	1.477	2.512	3.531
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			106.915								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station INDU0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	13	18.9	18.246	22.8	12.2	16.226	4.028	12.44	13.85	21.95	22.56
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	14	850.	1823.571	7000.	10.	5346163.187	2312.177	35.	107.5	2725.	6700.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	14	2.889	2.751	3.845	1.	0.727	0.853	1.389	2.021	3.434	3.826
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			563.501								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station INDU0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	5	23.3	22.66	26.1	18.9	9.733	3.12	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	5	70.	552.	2400.	10.	1076220.	1037.41	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	5	1.845	2.02	3.38	1.	0.84	0.916	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			104.731								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station INDU0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	16	19.7	18.781	23.9	9.4	18.254	4.272	10.24	15.975	21.425	23.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	17	90.	567.647	4000.	10.	1136219.118	1065.936	10.	35.	670.	2720.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	17	1.954	2.13	3.602	1.	0.61	0.781	1.	1.54	2.821	3.425
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			135.018								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0089

NPS Station ID: INDU0089
LAT/LON: 41.658337/ -87.078060
Agency: 21IND
Date Created: 02/14/81
Location: OFF-SHORE STATION-186
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 360186 /186-O
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04060200
Depth of Water: 20
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 5.40
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 9.88
Distance from RF3: 0.15
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/80-09/17/80	4	16.5	16.375	17.	15.5	0.563	0.75	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/17/80-09/17/80	4	260.	260.	260.	260.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/17/80-09/17/80	4	300.	300.	300.	300.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/17/80-09/17/80	4	9.45	9.4	9.6	9.1	0.06	0.245	**	**	**	**
00400	PH (STANDARD UNITS)	09/17/80-09/17/80	4	8.25	8.25	8.3	8.2	0.003	0.058	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/17/80-09/17/80	4	8.247	8.247	8.3	8.2	0.003	0.058	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/80-09/17/80	4	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/17/80-09/17/80	2	0.028	0.028	0.031	0.025	0.	0.004	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/17/80-09/17/80	2	0.33	0.33	0.37	0.29	0.003	0.057	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/17/80-09/17/80	2	0.21	0.21	0.22	0.2	0.	0.014	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/17/80-09/17/80	2	0.013	0.013	0.013	0.012	0.	0.001	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/17/80-09/17/80	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/17/80-09/17/80	2	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/17/80-09/17/80	2	21.	21.	21.	21.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	09/17/80-09/17/80	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/17/80-09/17/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	09/17/80-09/17/80	2	29.	29.	30.	28.	2.	1.414	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/17/80-09/17/80	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/17/80-09/17/80	2	3.	3.	3.	3.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/17/80-09/17/80	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/17/80-09/17/80	2	170.	170.	170.	170.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/17/80-09/17/80	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/17/80-09/17/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/17/80-09/17/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/17/80-09/17/80	2	5.	5.	7.	3.	8.	2.828	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/17/80-09/17/80	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0089

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	4	0	0.00	4	0	0.00									
00400	PH	Other-Hi Lim.	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0089

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00	2	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0090

NPS Station ID: INDU0090
LAT/LON: 41.645281/ -87.084448
Agency: 112WRD
Date Created: 04/14/78
Location: SHALLOW WELL 108 DUNE ACRES, IND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413843087050401
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.90
On/Off RF1:
RF3 Index: 04040001019500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/77-11/16/77	6	12.6	12.383	16.7	8.	8.794	2.965	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/77-11/16/77	6	375.	373.667	446.	328.	1950.267	44.162	**	**	**	**
00400	PH (STANDARD UNITS)	04/15/77-11/16/77	5	6.8	6.76	7.4	5.9	0.393	0.627	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/15/77-11/16/77	5	6.8	6.419	7.4	5.9	0.538	0.734	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/77-11/16/77	5	0.158	0.381	1.259	0.04	0.262	0.511	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/15/77-11/16/77	5	51.	111.72	383.	9.6	24138.092	155.364	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/77-11/16/77	6	160.	158.333	200.	120.	1136.667	33.714	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/15/77-11/16/77	6	195.	193.333	240.	150.	1466.667	38.297	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/15/77-11/16/77	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/15/77-08/30/77	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/77-08/30/77	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/15/77-11/16/77	6	140.	143.333	160.	130.	106.667	10.328	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/15/77-11/16/77	6	0.	7.833	41.	0.	269.767	16.425	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/77-11/16/77	6	36.	36.	41.	32.	9.2	3.033	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/77-11/16/77	6	13.	13.	15.	12.	1.2	1.095	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/77-11/16/77	6	13.5	14.833	23.	10.	19.767	4.446	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/15/77-11/16/77	6	0.5	0.55	0.8	0.4	0.019	0.138	**	**	**	**
00932	SODIUM, PERCENT	04/15/77-11/16/77	6	17.	17.833	23.	13.	12.967	3.601	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/77-11/16/77	6	1.55	1.933	3.7	1.	1.123	1.06	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/15/77-11/16/77	6	7.5	12.5	33.	4.	126.7	11.256	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/15/77-11/16/77	6	4.	10.	36.	1.	180.8	13.446	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/15/77-11/16/77	6	0.25	0.25	0.3	0.2	0.003	0.055	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/77-11/16/77	6	14.5	13.	19.	4.5	39.1	6.253	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/16/77-11/16/77	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/15/77-11/16/77	6	5200.	4900.	7300.	1000.	4876000.	2208.167	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/15/77-11/16/77	6	425.	428.333	590.	200.	21496.667	146.617	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/15/77-11/16/77	6	200.	202.5	236.	179.	423.1	20.569	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/15/77-11/16/77	6	0.27	0.275	0.32	0.24	0.001	0.028	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0090

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	5	0	0.00	2	0	0.00				2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	5	2	0.40	2	0	0.00				2	1	0.50	1	1	1.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	2	0	0.00				3	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00	2	0	0.00				3	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0091

NPS Station ID: INDU0091
LAT/LON: 41.645281/ -87.084448
Agency: 112WRD
Date Created: 04/14/78
Location: DEEP WELL 107, DUNE ACRES, IND.
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413843087050402
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 2.50
On/Off RF1:
RF3 Index: 04040001038000.00
RF3 Mile Point: 0.10
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/77-11/16/77	6	11.55	11.883	13.4	10.5	1.662	1.289	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/77-11/16/77	6	429.5	441.5	517.	356.	3550.7	59.588	**	**	**	**
00400	PH (STANDARD UNITS)	04/15/77-11/16/77	5	7.4	7.32	8.4	6.1	0.677	0.823	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/15/77-11/16/77	5	7.4	6.729	8.4	6.1	1.113	1.055	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/77-11/16/77	5	0.04	0.187	0.794	0.004	0.116	0.34	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/15/77-11/16/77	5	14.	55.44	241.	1.2	10788.868	103.869	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/77-11/16/77	6	160.	153.333	220.	90.	2226.667	47.188	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/15/77-11/16/77	6	190.	186.667	270.	110.	3226.667	56.804	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/15/77-11/16/77	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/15/77-08/30/77	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/77-08/30/77	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/15/77-11/16/77	6	155.	136.167	180.	77.	2096.167	45.784	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/15/77-11/16/77	6	12.5	20.833	57.	0.	623.767	24.975	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/77-11/16/77	6	36.5	34.833	46.	22.	84.967	9.218	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/77-11/16/77	6	15.	11.817	16.	3.6	33.45	5.784	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/77-11/16/77	6	33.	38.	66.	14.	420.8	20.513	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/15/77-11/16/77	6	1.1	1.6	3.3	0.5	1.352	1.163	**	**	**	**
00932	SODIUM, PERCENT	04/15/77-11/16/77	6	30.	37.167	64.	14.	423.767	20.586	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/77-11/16/77	6	2.9	2.783	4.	1.6	1.146	1.07	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/15/77-11/16/77	6	37.	35.167	47.	20.	91.367	9.559	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/15/77-11/16/77	6	13.5	18.	38.	2.	286.8	16.935	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/15/77-11/16/77	6	0.55	0.633	1.1	0.2	0.159	0.398	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/77-11/16/77	6	1.5	1.717	3.3	1.	0.646	0.804	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/16/77-11/16/77	1	680.	680.	680.	680.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/15/77-11/16/77	6	180.	3070.	11000.	20.	22710240.	4765.526	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/15/77-11/16/77	6	150.	145.	250.	30.	5710.	75.565	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/15/77-11/16/77	6	230.5	238.5	276.	212.	732.3	27.061	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/15/77-11/16/77	6	0.315	0.325	0.38	0.29	0.001	0.037	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0091

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	5	0	0.00	2	0	0.00				2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	5	1	0.20	2	0	0.00				2	0	0.00	1	1	1.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	2	0	0.00				3	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00	2	0	0.00				3	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0092

NPS Station ID: INDU0092
LAT/LON: 41.655420/ -87.086670
Agency: 21ILL
Date Created: / /
Location: INDIANA BEACH AT DUNE ACRES
FIPS State/County: 17998 ILLINOIS/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 48304 /QX 81
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04060200
Depth of Water: 20
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: LAKE MICHIGAN
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 3.50
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 20.85
Distance from RF3: 0.00
On/Off RF3:
Description:
STATION LOCATION IS ON LAKE MICHGAN, AT THE INDIANA BEACH, AT DUNE ACRES. STATION LOCATION IS ON LAKE MICHGAN, AT THE INDIANA BEACH, AT DUNE ACRES. THIS STATION IS SAMPLED BY THE ILLINOIS E.P.A. ON A MONTHLY BASIS.

Parameter Inventory for Station: INDU0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	67	18.9	18.573	26.1	9.4	16.343	4.043	12.2	16.1	21.7	23.42
03501	BETA, TOTAL	09/04/68-09/11/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	72	290.	11342.361	410000.	10.	3282677905.614	57294.659	20.	62.5	2175.	10400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	72	2.46	2.582	5.613	1.	1.056	1.028	1.301	1.795	3.337	4.015
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			381.567								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	50	10.5	163.32	3500.	1.	303586.957	550.987	1.	3.	65.25	259.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	50	1.021	1.168	3.544	0.	0.863	0.929	0.	0.477	1.811	2.413
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			14.713								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	21	4.	10.857	60.	0.	283.529	16.838	0.2	1.	10.5	47.4
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	21	0.602	0.65	1.778	0.	0.34	0.583	0.	0.	1.021	1.673
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.472								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81211	FLUORIDE- STATE OF ILLINOIS (MG/L)	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD DIGEST.	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81219	IRON,TOTAL-STATE OF ILLINOIS,MG/L,COLD DIGEST	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81220	LEAD, STATE OF ILLINOIS,MG/L, COLD DIGEST.	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0092

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	72	24	0.33	2	0	0.00				33	13	0.39	37	11	0.30
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	50	6	0.12							23	2	0.09	27	4	0.15
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	21	0	0.00	2	0	0.00				10	0	0.00	9	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1967 - Station INDU0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	18	18.9	17.928	22.2	10.	12.579	3.547	11.98	16.1	20.425	22.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	22	785.	33396.818	410000.	40.	10337806346.537	101675.004	63.	245.	3800.	194610.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	22	2.878	3.102	5.613	1.602	1.143	1.069	1.798	2.389	3.576	5.084
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1264.626								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station INDU0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	15	17.8	17.52	22.8	11.1	14.932	3.864	11.1	15.	20.	22.8
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	15	140.	599.333	4700.	10.	1584178.095	1258.641	10.	30.	400.	3200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	15	2.146	2.121	3.672	1.	0.65	0.806	1.	1.477	2.602	3.474
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			132.137								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station INDU0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	13	18.9	18.508	23.9	12.2	15.651	3.956	12.88	14.15	21.95	23.46
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	13	1600.	4033.846	15000.	40.	25316375.641	5031.538	60.	170.	8400.	13400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	13	3.204	3.048	4.176	1.602	0.768	0.877	1.743	2.211	3.923	4.122
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1117.699								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station INDU0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	4	24.45	23.475	26.1	18.9	10.109	3.179	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	5	60.	678.	2800.	10.	1448920.	1203.711	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	5	1.778	2.045	3.447	1.	1.028	1.014	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			110.933								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station INDU0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	17	20.	19.082	24.4	9.4	19.555	4.422	9.88	16.95	22.25	24.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	17	110.	1005.882	12000.	10.	8318775.735	2884.229	10.	30.	475.	4080.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	17	2.041	2.115	4.079	1.	0.715	0.846	1.	1.452	2.627	3.474
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			130.423								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0093

NPS Station ID: INDU0093
LAT/LON: 41.644170/ -87.086670
Agency: 112WRD
Date Created: 11/18/75
Location: COWLES BOG AT 100 W RD AT DUNE ACRES, IND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413839087051200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 21.780
Distance from RF1: 1.10
On/Off RF1: OFF
RF3 Index: 04040001019400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/74-08/10/78	16	8.9	10.75	23.6	1.	61.619	7.85	1.07	3.175	18.675	23.18
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/13/74-08/10/78	5	4.	5.	8.	3.	5.5	2.345	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/73-08/10/78	18	472.5	475.944	713.	240.	16668.997	129.108	254.4	399.	559.5	638.3
00300	OXYGEN, DISSOLVED MG/L	04/25/74-08/10/78	14	6.55	5.743	11.1	0.5	15.786	3.973	0.5	1.175	9.3	11.05
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	04/25/74-02/04/75	3	78.	74.	83.	61.	133.	11.533	**	**	**	**
00400	PH (STANDARD UNITS)	04/25/74-08/10/78	16	7.3	7.313	8.	6.6	0.173	0.416	6.81	6.925	7.6	7.93
00400	CONVERTED PH (STANDARD UNITS)	04/25/74-08/10/78	16	7.3	7.144	8.	6.6	0.204	0.451	6.81	6.925	7.6	7.93
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/74-08/10/78	16	0.05	0.072	0.251	0.01	0.004	0.064	0.012	0.025	0.119	0.163
00405	CARBON DIOXIDE (MG/L AS CO2)	04/25/74-08/10/78	14	13.5	27.093	121.	5.8	948.725	30.801	6.05	8.85	39.	87.5
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/25/74-08/10/78	14	220.	219.214	330.	130.	3240.489	56.925	140.	174.25	257.75	315.
00440	BICARBONATE ION (MG/L AS HCO3)	04/25/74-08/10/78	14	270.	266.714	400.	160.	4686.066	68.455	170.	212.75	314.75	380.
00445	CARBONATE ION (MG/L AS CO3)	11/13/74-08/10/78	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	11/13/74-08/10/78	5	1.1	1.252	2.2	0.46	0.419	0.647	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/13/74-08/10/78	5	0.93	1.064	2.2	0.14	0.654	0.809	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/74-08/10/78	5	0.17	0.186	0.4	0.02	0.026	0.16	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/13/74-08/10/78	5	0.01	0.011	0.02	0.005	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/13/74-08/10/78	5	0.01	0.022	0.08	0.	0.001	0.033	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/74-08/10/78	5	1.1	1.236	2.2	0.43	0.437	0.661	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/74-08/10/78	5	0.03	0.04	0.08	0.01	0.001	0.026	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/30/77-05/09/78	4	0.	0.138	0.55	0.	0.076	0.275	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/74-08/10/78	5	0.05	0.07	0.11	0.04	0.001	0.037	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/77-05/09/78	4 ##	0.005	0.049	0.18	0.005	0.008	0.087	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/13/74-08/10/78	14	17.5	18.95	42.	2.4	145.529	12.064	3.35	7.875	30.	37.5
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	06/24/76-06/24/76	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	06/24/76-06/24/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/25/74-08/10/78	14	255.	258.571	380.	140.	5443.956	73.783	155.	197.5	310.	380.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/25/74-08/10/78	14	26.5	38.786	160.	7.	1611.72	40.146	8.	11.75	48.75	118.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/25/74-08/10/78	14	57.	57.786	82.	32.	233.874	15.293	35.5	45.25	69.25	81.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/25/74-08/10/78	14	26.	27.5	44.	15.	81.192	9.011	16.5	19.75	33.25	43.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/25/74-08/10/78	14	13.5	12.271	20.	3.8	16.213	4.027	5.2	9.5	14.25	17.5
00931	SODIUM ADSORPTION RATIO	04/25/74-08/10/78	14	0.3	0.336	0.5	0.1	0.012	0.108	0.15	0.3	0.4	0.5
00932	SODIUM, PERCENT	04/25/74-08/10/78	14	10.5	9.5	15.	4.	9.192	3.032	4.5	7.	11.	14.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/25/74-08/10/78	14	2.15	1.95	3.	0.2	0.98	0.99	0.25	1.1	2.7	3.
00940	CHLORIDE,TOTAL IN WATER MG/L	04/25/74-08/10/78	14	16.5	16.	28.	3.	50.308	7.093	4.	12.	21.5	26.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/25/74-08/10/78	14	19.	25.	76.	9.	366.462	19.143	9.	10.75	33.25	63.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/30/77-05/09/78	8	0.2	0.225	0.4	0.2	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/77-05/09/78	8	18.	16.313	28.	4.	61.067	7.815	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/30/77-05/09/78	8	1.	1.313	3.	0.5	0.853	0.923	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/30/77-08/30/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/30/77-08/30/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/30/77-10/11/77	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/30/77-08/30/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/30/77-08/30/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/30/77-08/30/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/30/77-05/09/78	8	285.	456.25	1300.	130.	144083.929	379.584	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	08/30/77-08/30/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/30/77-08/30/77	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/30/77-05/09/78	8 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/30/77-08/30/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/24/76-06/24/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/24/76-06/24/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/30/77-08/30/77	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/30/77-08/30/77	1 ##	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/77-08/30/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/24/76-06/24/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/30/77-05/09/78	7 ##	1.	1.	2.	0.	0.667	0.816	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/24/76-06/24/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/13/74-08/10/78	6	2050.	3008.333	7600.	750.	6870416.667	2621.148	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/30/77-05/09/78	8	545.	1141.25	5400.	230.	3053012.5	1747.287	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/30/77-05/09/78	8 ##	1.	2.5	9.	0.	11.143	3.338	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/30/77-08/30/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/24/76-06/24/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/30/77-08/30/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/13/74-08/10/78	6	415.	430.	940.	100.	95120.	308.415	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/30/77-05/09/78	8	120.	384.375	1700.	5.	377338.839	614.279	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/30/77-05/09/78	8	1.5	4.75	17.	1.	41.357	6.431	**	**	**	**
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/30/77-08/30/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/30/77-08/30/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/30/77-05/09/78	8	2.5	3.	6.	0.	4.857	2.204	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/30/77-08/30/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/30/77-08/30/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/24/76-06/24/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/30/77-05/09/78	8	415.	383.75	520.	200.	12769.643	113.003	**	**	**	**
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/30/77-08/30/77	1	490.	490.	490.	490.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/30/77-05/09/78	8 ##	10.	15.	50.	0.	314.286	17.728	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/30/77-08/30/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/24/76-06/24/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/30/77-08/30/77	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/30/77-05/09/78	8	35.	35.	60.	10.	314.286	17.728	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/30/77-08/30/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	06/24/76-06/24/76	1	760.	760.	760.	760.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/25/74-06/24/76	3	45.	124.	320.	7.	29173.	170.801	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/25/74-06/24/76	3	1.653	1.668	2.505	0.845	0.689	0.83	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			46.539								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/25/74-06/24/76	3	250.	1920.	5270.	240.	8416900.	2901.189	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/25/74-06/24/76	3	2.398	2.833	3.722	2.38	0.592	0.77	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			681.272								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	11/13/74-06/24/76	3	0.1	0.067	0.1	0.	0.003	0.058	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/25/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/25/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	0.35	0.35	0.7	0.	0.245	0.495	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**

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Parameter Inventory for Station: INDU0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	0.25	0.25	0.5	0.	0.125	0.354	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/25/74-06/24/76	2	0.2	0.2	0.4	0.	0.08	0.283	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/25/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/25/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/25/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/25/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/25/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/25/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	04/25/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/30/77-05/09/78	8	297.5	285.75	408.	182.	5548.786	74.49	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/30/77-05/09/78	8	0.405	0.389	0.55	0.25	0.01	0.101	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/13/74-08/10/78	5	4.9	5.6	9.7	2.	8.175	2.859	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	08/30/77-08/30/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/30/77-08/30/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/24/76-06/24/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0093

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	5	0	0.00	1	0	0.00				1	0	0.00	3	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	12 &	3	0.25	4	0	0.00	1	0	0.00	4	1	0.25	3	2	0.67
00400	PH	Other-Hi Lim.	9.	16	0	0.00	5	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	16	0	0.00	5	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	5	0	0.00	1	0	0.00				1	0	0.00	3	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	1	0	0.00				1	0	0.00	3	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	1	0	0.00				1	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	14	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	14	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	8	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	50.	8	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00							1	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	8	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	5.	8	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	1300.	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0093

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	8	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	5.	8	2	0.25	3	0	0.00	2	0	0.00	2	1	0.50	1	1	1.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	8	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	100.	8	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	8	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	1	0.33	1	0	0.00				2	1	0.50			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0094

NPS Station ID: INDU0094
LAT/LON: 41.621670/ -87.086949
Agency: 112WRD
Date Created: / /
Location: LITTLE CALUMET RIVER AT PORTER, IND.
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 04094000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001021
RF1 Mile Point: 3.550
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001002007.38
RF3 Mile Point: 9.90
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/73-07/11/80	27	16.	13.467	27.5	0.3	54.539	7.385	2.5	7.5	19.8	20.76
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/27/74-08/08/78	4	10.	9.	15.	1.	34.	5.831	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/02/73-10/01/73	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/73-07/11/80	27	620.	605.63	795.	390.	7312.088	85.511	490.	558.	650.	705.6
00300	OXYGEN, DISSOLVED MG/L	08/02/73-07/11/80	24	8.95	8.788	12.	4.	4.755	2.181	4.9	7.625	10.45	11.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/02/73-05/05/75	9	87.	87.222	107.	78.	81.944	9.052	78.	78.5	90.5	107.
00400	PH (STANDARD UNITS)	08/02/73-07/11/80	27	7.8	7.77	8.5	6.8	0.142	0.377	7.1	7.7	8.1	8.1
00400	CONVERTED PH (STANDARD UNITS)	08/02/73-07/11/80	27	7.8	7.578	8.5	6.8	0.18	0.425	7.1	7.7	8.1	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/73-07/11/80	27	0.016	0.026	0.158	0.003	0.001	0.033	0.008	0.008	0.02	0.079
00405	CARBON DIOXIDE (MG/L AS CO2)	08/02/73-08/24/79	7	6.8	6.5	10.	4.	6.18	2.486	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/73-07/11/80	9	260.	258.	270.	220.	220.75	14.858	220.	259.	267.	270.
00440	BICARBONATE ION (MG/L AS HCO3)	08/02/73-08/08/78	6	320.	312.5	326.	268.	492.7	22.197	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/27/74-08/08/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/27/74-08/08/78	4	1.045	0.988	1.1	0.76	0.026	0.16	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/24/79-07/11/80	2	1.045	1.045	1.2	0.89	0.048	0.219	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/27/74-08/08/78	4	0.46	0.373	0.48	0.09	0.036	0.189	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	3	0.3	0.473	0.84	0.28	0.101	0.318	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	3	0.07	0.083	0.13	0.05	0.002	0.042	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/27/74-07/27/77	3	0.05	0.093	0.21	0.02	0.01	0.102	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/01/73-10/01/73	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/02/73-07/27/77	4	0.01	0.015	0.03	0.01	0.	0.01	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/02/73-07/27/77	4	0.465	0.497	0.61	0.45	0.006	0.075	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	3	0.41	0.557	0.89	0.37	0.084	0.289	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/27/74-08/08/78	4	0.5	0.47	0.58	0.3	0.014	0.119	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/73-08/08/78	6	0.485	0.503	0.62	0.46	0.003	0.058	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/17/78-07/11/80	3	0.8	0.8	1.1	0.5	0.09	0.3	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/17/78-07/11/80	3	0.31	0.237	0.37	0.03	0.033	0.181	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/73-08/08/78	6	0.1	0.118	0.19	0.05	0.003	0.058	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/17/78-07/11/80	3	0.09	0.097	0.11	0.09	0.	0.012	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/17/78-07/11/80	3	0.1	0.077	0.12	0.01	0.003	0.059	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/27/74-07/11/80	7	5.3	5.471	9.	2.4	4.866	2.206	**	**	**	**
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	06/24/76-07/27/77	2	26.5	26.5	31.	22.	40.5	6.364	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	08/02/73-08/08/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/73-07/11/80	9	320.	315.556	330.	280.	302.778	17.401	280.	305.	330.	330.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/02/73-07/11/80	9	63.	57.889	72.	30.	168.111	12.966	30.	51.5	67.5	72.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/73-07/11/80	9	77.	78.222	83.	72.	16.944	4.116	72.	75.	82.5	83.
00916	CALCIUM, TOTAL (MG/L AS CA)	08/02/73-10/01/73	2	83.	83.	83.	83.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/73-07/11/80	9	30.	29.444	32.	25.	4.278	2.068	25.	28.5	31.	32.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/02/73-10/01/73	2	31.	31.	31.	31.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/73-07/11/80	9	13.	13.778	17.	12.	3.444	1.856	12.	12.	15.5	17.
00931	SODIUM ADSORPTION RATIO	08/02/73-07/11/80	9	0.3	0.344	0.4	0.3	0.003	0.053	0.3	0.3	0.4	0.4
00932	SODIUM, PERCENT	08/02/73-07/11/80	9	8.	8.556	10.	7.	1.528	1.236	7.	7.5	10.	10.
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/24/79-08/24/79	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/73-07/11/80	9	2.1	2.144	2.5	1.9	0.04	0.201	1.9	2.	2.3	2.5
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/73-07/11/80	9	20.	20.778	27.	15.	10.944	3.308	15.	19.	22.5	27.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/73-07/11/80	9	54.	53.444	71.	39.	71.528	8.457	39.	49.	56.	71.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/17/78-07/11/80	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/17/78-07/11/80	3	12.	12.333	13.	12.	0.333	0.577	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/17/78-08/24/79	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/02/73-08/24/79	6 ##	5.	4.167	10.	0.	14.167	3.764	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/02/73-08/24/79	5	10.	14.	20.	10.	30.	5.477	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	08/02/73-08/24/79	6	14.	14.333	20.	10.	23.067	4.803	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/02/73-04/08/80	7	30.	38.	73.	10.	691.667	26.3	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/02/73-08/08/78	6	2150.	1883.333	2300.	900.	329666.667	574.166	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/17/78-07/11/80	3	20.	31.667	70.	5.	1158.333	34.034	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/02/73-04/08/80	7	60.	50.	80.	10.	591.667	24.324	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	07/27/77-08/08/78	2	1025.	1025.	1200.	850.	61250.	247.487	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/02/73-08/08/78	6	180.	171.667	210.	100.	1776.667	42.151	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/17/78-07/11/80	3	90.	83.333	90.	70.	133.333	11.547	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/02/73-10/01/73	2 ##	18.75	18.75	25.	12.5	78.125	8.839	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/27/77-08/08/78	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/02/73-04/08/80	7	110.	117.143	195.	40.	3715.476	60.955	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/02/73-10/01/73	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	07/27/77-08/08/78	2	1205.	1205.	2400.	10.	2856050.	1689.985	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/27/77-08/08/78	2	5900.	5900.	11000.	800.	52020000.	7212.489	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/73-08/07/73	1	22000.	22000.	22000.	22000.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/07/73-08/07/73	1	4.342	4.342	4.342	4.342	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			22000.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/73-08/22/79	15	157.	1122.867	7800.	2.5	4345087.445	2084.487	3.1	50.	2200.	4800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/73-08/22/79	15	2.196	2.249	3.892	0.398	1.086	1.042	0.486	1.699	3.342	3.625
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			177.272								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/27/79-08/22/79	3	150.	193.333	330.	100.	14633.333	120.968	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	02/27/79-08/22/79	3	2.176	2.232	2.519	2.	0.07	0.264	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			170.426								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/07/73-11/12/76	13	140.	514.038	2980.	2.5	765924.519	875.171	3.5	7.5	520.	2468.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/07/73-11/12/76	13	2.146	1.958	3.474	0.398	1.038	1.019	0.518	0.849	2.716	3.377
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			90.861								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/27/74-08/13/75	2	0.02	0.02	0.04	0.	0.001	0.028	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-08/24/79	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/24/74-08/24/79	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/24/74-08/24/79	4	12.	13.	24.	4.	70.667	8.406	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-08/24/79	4	3.25	3.3	5.3	1.4	3.14	1.772	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-08/24/79	4	1.3	1.975	5.3	0.	5.289	2.3	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-08/24/79	4	0.75	0.825	1.8	0.	0.589	0.768	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/24/74-08/24/79	4	2.15	1.875	2.8	0.4	1.263	1.124	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-08/24/79	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/24/74-08/24/79	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/24/74-08/24/79	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/24/74-08/24/79	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/74-08/24/79	4	26.5	25.25	48.	0.	507.583	22.53	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/24/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/24/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/24/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	04/24/74-06/24/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/17/78-07/11/80	3	367.	376.	404.	357.	613.	24.759	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/17/78-07/11/80	3	0.5	0.513	0.55	0.49	0.001	0.032	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	08/08/78-08/08/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/17/78-07/11/80	3	0.09	0.107	0.17	0.06	0.003	0.057	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/08/78-08/08/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71855	NITRITE NITROGEN,TOTAL (MG/L AS NO2)	08/08/78-08/08/78	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/01/73-10/01/73	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/27/74-08/08/78	4	4.55	4.375	5.	3.4	0.483	0.695	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/02/73-08/08/78	5	0.09	0.114	0.3	0.	0.012	0.111	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0094

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00										4	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	24	2	0.08	5	0	0.00	4	0	0.00	8	0	0.00	7	2	0.29
00400	PH	Other-Hi Lim.	9.	27	0	0.00	6	0	0.00	4	0	0.00	8	0	0.00	9	0	0.00
		Other-Lo Lim.	6.5	27	0	0.00	6	0	0.00	4	0	0.00	8	0	0.00	9	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00										4	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00										4	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	1	0	0.00							5	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	2	0	0.00				1	0	0.00	6	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	9	0	0.00	2	0	0.00				1	0	0.00	6	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	100.	2	0	0.00	1	0	0.00							1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00										1	1	1.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	15	7	0.47	3	1	0.33	4	1	0.25	5	2	0.40	3	3	1.00
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00
71855	NITRITE NITROGEN, TOTAL (AS NO2)	Drinking Water	3.3	1	0	0.00										1	0	0.00
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0095

NPS Station ID: INDU0095
LAT/LON: 41.645838/ -87.091392
Agency: 112WRD
Date Created: 02/20/76
Location: N INLET COWLES BOG AT DUNE ACRES IND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413845087052900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 22.030
Distance from RF1: 7.00
On/Off RF1: ON
RF3 Index: 04040001038100.00
RF3 Mile Point: 1.03
Distance from RF3: 0.35
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/73-06/24/76	6	17.8	15.85	26.	2.5	80.515	8.973	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/73-06/24/76	6	100.	100.	150.	30.	1720.	41.473	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/02/73-06/24/76	6	2.65	2.8	4.7	1.3	2.336	1.528	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/02/73-05/05/75	5	32.	28.4	42.	16.	131.3	11.459	**	**	**	**
00400	PH (STANDARD UNITS)	08/02/73-06/24/76	5	6.3	6.32	6.7	5.8	0.112	0.335	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/02/73-06/24/76	5	6.3	6.207	6.7	5.8	0.128	0.358	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/73-06/24/76	5	0.501	0.621	1.585	0.2	0.307	0.554	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/73-08/07/73	1	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/07/73-08/07/73	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10000.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/73-04/25/74	3	22.	58.	150.	2.	6448.	80.299	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/73-04/25/74	3	1.342	1.273	2.176	0.301	0.883	0.939	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			18.758								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/07/73-04/25/74	3	850.	6733.333	19000.	350.	112915833.333	10626.186	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/07/73-04/25/74	3	2.929	3.251	4.279	2.544	0.83	0.911	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1781.34								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0095

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	6	5	0.83				1	0	0.00	3	3	1.00	2	2	1.00
00400	PH	Other-Hi Lim.	9.	5	0	0.00							3	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	5	4	0.80							3	3	1.00	2	1	0.50
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00										1	1	1.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00				1	0	0.00	1	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0096

NPS Station ID: INDU0096
LAT/LON: 41.633337/ -87.095003
Agency: 112WRD
Date Created: 04/14/78
Location: SHALLOW WELL 104 DUNE ACRES, IND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413800087054201
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 8.60
On/Off RF1:
RF3 Index: 04040001002100.00
RF3 Mile Point: 8.40
Distance from RF3: 0.45
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/77-05/09/78	7	10.7	11.786	16.6	6.5	14.675	3.831	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/77-05/09/78	7	706.	689.857	798.	595.	4602.476	67.842	**	**	**	**
00400	PH (STANDARD UNITS)	04/15/77-05/09/78	7	7.6	7.514	7.9	6.8	0.138	0.372	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/15/77-05/09/78	7	7.6	7.349	7.9	6.8	0.17	0.412	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/77-05/09/78	7	0.025	0.045	0.158	0.013	0.003	0.052	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/15/77-05/09/78	7	13.	18.857	58.	4.6	325.596	18.044	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/77-05/09/78	7	260.	237.143	280.	190.	1523.81	39.036	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/15/77-05/09/78	7	320.	290.	340.	230.	2333.333	48.305	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/15/77-05/09/78	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/15/77-05/09/78	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/77-05/09/78	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/04/78-05/09/78	2	6.2	6.2	10.	2.4	28.88	5.374	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/15/77-05/09/78	7	300.	301.429	370.	230.	3214.286	56.695	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/15/77-05/09/78	7	62.	64.143	99.	37.	627.81	25.056	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/77-05/09/78	7	67.	63.429	84.	33.	362.952	19.051	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/77-05/09/78	7	36.	34.857	39.	29.	12.143	3.485	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/77-05/09/78	7	29.	28.571	38.	17.	50.619	7.115	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/15/77-05/09/78	7	0.7	0.743	1.1	0.4	0.046	0.215	**	**	**	**
00932	SODIUM, PERCENT	04/15/77-05/09/78	7	17.	17.429	26.	9.	25.952	5.094	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/77-05/09/78	7	2.8	2.757	3.4	2.3	0.136	0.369	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/15/77-05/09/78	7	27.	29.571	56.	14.	267.952	16.369	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/15/77-05/09/78	7	76.	78.	100.	69.	103.667	10.182	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/15/77-05/09/78	7	0.1	0.086	0.1	0.05	0.001	0.024	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/77-05/09/78	7	9.1	8.286	13.	2.4	18.828	4.339	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/04/78-05/09/78	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/04/78-05/09/78	2	840.	840.	1600.	80.	1155200.	1074.802	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/04/78-05/09/78	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	04/04/78-05/09/78	2 ##	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/15/77-05/09/78	7	2600.	2308.571	3400.	760.	778514.286	882.335	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	04/04/78-05/09/78	2 ##	3.	3.	6.	0.	18.	4.243	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/15/77-05/09/78	7	90.	155.714	510.	70.	25128.571	158.52	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/04/78-05/09/78	2	3.5	3.5	6.	1.	12.5	3.536	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/04/78-05/09/78	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/04/78-05/09/78	2	285.	285.	410.	160.	31250.	176.777	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/04/78-05/09/78	2	295.	295.	520.	70.	101250.	318.198	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/04/78-05/09/78	2	20.	20.	20.	20.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/15/77-05/09/78	7	402.	391.286	452.	304.	3004.905	54.817	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/15/77-05/09/78	7	0.55	0.531	0.61	0.41	0.006	0.075	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0096

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	7	0	0.00	1	0	0.00				4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00	1	0	0.00				4	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	1	0	0.00				4	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	7	0	0.00	1	0	0.00				4	0	0.00	2	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00							2	0	0.00			
		Drinking Water	50.	2	0	0.00							2	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00							2	0	0.00			
		Drinking Water	1300.	2	0	0.00							2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	1	0.50							2	1	0.50			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00							2	0	0.00			
		Drinking Water	100.	2	0	0.00							2	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	1	0.50							2	1	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0097

NPS Station ID: INDU0097
LAT/LON: 41.633337/ -87.095003
Agency: 112WRD
Date Created: 04/14/78
Location: DEEP WELL 103 DUNES ACRES, IND.
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413800087054202
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 8.50
On/Off RF1:
RF3 Index: 04040001020200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/77-05/09/78	7	10.8	11.243	13.7	7.	5.05	2.247	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/77-05/09/78	7	420.	431.714	565.	349.	4384.905	66.219	**	**	**	**
00400	PH (STANDARD UNITS)	04/15/77-05/09/78	7	8.2	8.129	9.6	6.	1.156	1.075	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/15/77-05/09/78	7	8.2	6.832	9.6	6.	3.116	1.765	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/77-05/09/78	7	0.006	0.147	1.	0.	0.141	0.376	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/15/77-05/09/78	7	2.	51.8	352.	0.1	17525.073	132.382	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/77-05/09/78	7	170.	165.857	220.	130.	950.143	30.824	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/15/77-05/09/78	7	210.	204.286	270.	160.	1428.571	37.796	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/15/77-05/09/78	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/15/77-05/09/78	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/77-05/09/78	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/15/77-05/09/78	7	130.	138.286	230.	78.	2287.238	47.825	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/15/77-05/09/78	7	0.	2.	10.	0.	14.667	3.83	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/77-05/09/78	7	31.	31.671	53.	9.7	199.756	14.133	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/77-05/09/78	7	13.	14.714	24.	10.	27.238	5.219	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/77-05/09/78	7	34.	33.857	37.	30.	5.81	2.41	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/15/77-05/09/78	7	1.3	1.286	1.6	1.	0.051	0.227	**	**	**	**
00932	SODIUM, PERCENT	04/15/77-05/09/78	7	35.	35.286	46.	24.	51.905	7.204	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/77-05/09/78	7	2.4	2.457	3.3	1.9	0.33	0.574	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/15/77-05/09/78	7	26.	26.143	31.	19.	20.476	4.525	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/15/77-05/09/78	7	6.	12.571	33.	1.	200.286	14.152	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/15/77-05/09/78	7	0.5	0.429	0.6	0.2	0.019	0.138	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/77-05/09/78	7	2.6	2.229	3.7	0.7	1.366	1.169	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/04/78-05/09/78	2	360.	360.	430.	290.	9800.	98.995	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/15/77-05/09/78	7	60.	644.286	3200.	20.	1394461.905	1180.873	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/15/77-05/09/78	7	50.	48.571	90.	5.	1172.619	34.244	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/15/77-05/09/78	7	218.	225.429	313.	168.	1944.952	44.102	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/15/77-05/09/78	7	0.3	0.31	0.43	0.24	0.003	0.059	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0097

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	7	1	0.14	1	0	0.00				4	1	0.25	2	0	0.00
		Other-Lo Lim.	6.5	7	1	0.14	1	0	0.00				4	0	0.00	2	1	0.50
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	1	0	0.00				4	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	7	0	0.00	1	0	0.00				4	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0098

NPS Station ID: INDU0098
LAT/LON: 41.641670/ -87.098059
Agency: 112WRD
Date Created: 06/30/76
Location: W INLET COWLES BOG AT DUNE ACRES IND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413830087055300
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 21.780
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001050100.00
RF3 Mile Point: 0.25
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/73-08/10/78	14	18.95	15.579	24.	3.	59.874	7.738	3.	7.95	21.025	23.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/73-08/10/78	12	205.	240.	449.	110.	16346.	127.851	113.	140.	382.5	446.9
00300	OXYGEN, DISSOLVED MG/L	08/02/73-08/10/78	9	1.2	1.622	4.1	0.6	1.737	1.318	0.6	0.65	2.6	4.1
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/02/73-02/04/75	5	12.	16.8	30.	7.	118.7	10.895	**	**	**	**
00400	PH (STANDARD UNITS)	08/02/73-08/10/78	12	6.55	6.625	7.3	6.2	0.126	0.355	6.23	6.3	6.8	7.27
00400	CONVERTED PH (STANDARD UNITS)	08/02/73-08/10/78	12	6.547	6.517	7.3	6.2	0.138	0.372	6.23	6.3	6.8	7.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/73-08/10/78	12	0.284	0.304	0.631	0.05	0.037	0.191	0.054	0.158	0.501	0.592
00405	CARBON DIOXIDE (MG/L AS CO2)	08/14/75-08/10/78	6	40.5	47.	104.	20.	885.6	29.759	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/75-08/10/78	6	104.	91.167	116.	47.	791.367	28.131	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/14/75-08/10/78	6	125.	111.333	141.	57.	1211.867	34.812	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/14/75-08/10/78	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/14/75-08/10/78	3	3.6	3.567	4.	3.1	0.203	0.451	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/14/75-08/10/78	3	1.6	1.7	2.	1.5	0.07	0.265	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/14/75-08/10/78	3	2.	1.867	2.	1.6	0.053	0.231	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/14/75-08/10/78	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/14/75-08/10/78	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/75-08/10/78	3	3.6	3.567	4.	3.1	0.203	0.451	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/73-08/10/78	4	0.03	0.03	0.05	0.01	0.001	0.023	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/01/77-09/01/77	2	0.045	0.045	0.06	0.03	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/73-08/10/78	4	0.065	0.075	0.13	0.04	0.002	0.039	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/01/77-09/01/77	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/14/75-08/10/78	4	13.5	14.8	26.	6.2	67.76	8.232	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/75-08/10/78	6	160.	158.5	230.	81.	3025.5	55.005	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/14/75-08/10/78	6	66.	66.333	110.	22.	1232.667	35.109	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/75-08/10/78	6	39.5	40.	59.	21.	211.2	14.533	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/75-08/10/78	6	15.	14.167	20.	7.	21.367	4.622	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/75-08/10/78	6	7.85	7.35	9.3	4.7	3.179	1.783	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/14/75-08/10/78	6	0.25	0.25	0.3	0.2	0.003	0.055	**	**	**	**
00932	SODIUM, PERCENT	08/14/75-08/10/78	6	9.	9.167	11.	7.	1.767	1.329	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/75-08/10/78	6	3.3	3.4	4.1	2.7	0.308	0.555	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/75-08/10/78	6	11.	10.667	12.	9.	1.867	1.366	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/14/75-08/10/78	6	61.	61.833	100.	22.	1176.167	34.295	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/01/77-10/13/77	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/77-10/13/77	3	7.9	8.667	12.	6.1	9.143	3.024	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/01/77-09/01/77	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	09/01/77-09/01/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/01/77-09/01/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/01/77-09/01/77	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01006	BARIUM, SUSPENDED (UG/L AS BA)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	09/01/77-09/01/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/01/77-09/01/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/01/77-09/01/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/01/77-09/01/77	1	780.	780.	780.	780.	0.	0.	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	09/01/77-09/01/77	1	780.	780.	780.	780.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/01/77-09/01/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS CD)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/01/77-09/01/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/01/77-09/01/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	09/01/77-09/01/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/01/77-09/01/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/01/77-09/01/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	09/01/77-09/01/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/01/77-09/01/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/14/75-08/10/78	4	1800.	2625.	5600.	1300.	4015833.333	2003.954	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/01/77-10/13/77	3	4000.	3766.667	6100.	1200.	6043333.333	2458.319	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/01/77-09/01/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	09/01/77-09/01/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/01/77-09/01/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/14/75-08/10/78	4	250.	255.	270.	250.	100.	10.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/77-10/13/77	3	290.	290.	330.	250.	1600.	40.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/01/77-09/01/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	09/01/77-09/01/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/01/77-09/01/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	09/01/77-09/01/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/01/77-09/01/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/01/77-09/01/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	09/01/77-09/01/77	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/01/77-09/01/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	09/01/77-09/01/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/01/77-09/01/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/01/77-09/01/77	1	280.	280.	280.	280.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/01/77-09/01/77	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	09/01/77-09/01/77	1	90.	90.	90.	90.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/73-08/07/73	1	16000.	16000.	16000.	16000.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/07/73-08/07/73	1	4.204	4.204	4.204	4.204	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16000.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/73-01/24/74	2 ##	100.5	100.5	200.	1.	19800.5	140.714	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/73-01/24/74	2 ##	1.151	1.151	2.301	0.	2.647	1.627	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.142								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/07/73-01/24/74	3	220.	576.667	1500.	10.	650433.333	806.494	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/07/73-01/24/74	3	2.342	2.173	3.176	1.	1.205	1.098	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			148.881								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/01/77-10/13/77	3	153.	171.667	244.	118.	4230.333	65.041	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/01/77-10/13/77	3	0.21	0.233	0.33	0.16	0.008	0.087	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/14/75-08/10/78	3	16.	16.	18.	14.	4.	2.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/01/77-09/01/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	09/01/77-09/01/77	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/01/77-09/01/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0098

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	9	8	0.89	1	0	0.00	2	2	1.00	1	1	1.00	5	5	1.00
00400	PH	Other-Hi Lim.	9.	12	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	12	6	0.50	3	3	1.00	1	1	1.00	2	1	0.50	6	1	0.17
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00										3	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00										3	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00										4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	1	0	0.00				1	0	0.00	4	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00	1	0	0.00				1	0	0.00	4	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00							1	0	0.00	1	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00										1	1	1.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	1	0.50				1	0	0.00				1	1	1.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0099

NPS Station ID: INDU0099
LAT/LON: 41.646392/ -87.098893
Agency: 112WRD
Date Created: 04/14/78
Location: DRIVE POINT D6 DUNE ACRES IND.
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413847087055601
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 04040001019400.00
RF3 Mile Point: 0.15
Distance from RF3: 0.15
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/77-07/01/77	1	15.1	15.1	15.1	15.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/77-10/13/77	2	198.	198.	241.	155.	3698.	60.811	**	**	**	**
00400	PH (STANDARD UNITS)	07/01/77-07/01/77	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/01/77-07/01/77	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/77-07/01/77	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/01/77-07/01/77	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/77-10/13/77	2	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/01/77-10/13/77	2	15.	15.	24.	6.	162.	12.728	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/01/77-07/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/01/77-07/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/01/77-07/01/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/77-10/13/77	2	40.5	40.5	42.	39.	4.5	2.121	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/01/77-10/13/77	2	28.	28.	34.	22.	72.	8.485	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/77-10/13/77	2	8.25	8.25	8.5	8.	0.125	0.354	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/77-10/13/77	2	4.85	4.85	5.	4.7	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/77-10/13/77	2	3.1	3.1	3.2	3.	0.02	0.141	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/01/77-10/13/77	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/01/77-10/13/77	2	13.5	13.5	14.	13.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/77-10/13/77	2	1.65	1.65	1.7	1.6	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/01/77-10/13/77	2	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/01/77-10/13/77	2	59.	59.	64.	54.	50.	7.071	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/01/77-10/13/77	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/77-10/13/77	2	13.5	13.5	15.	12.	4.5	2.121	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/01/77-10/13/77	2	7000.	7000.	7700.	6300.	980000.	989.949	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/77-10/13/77	2	180.	180.	240.	120.	7200.	84.853	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/01/77-10/13/77	2	111.	111.	123.	99.	288.	16.971	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/01/77-10/13/77	2	0.15	0.15	0.17	0.13	0.001	0.028	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0099

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0099

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0100

NPS Station ID: INDU0100
LAT/LON: 41.640837/ -87.100003
Agency: 112WRD
Date Created: 04/14/78
Location: DRIVE POINT D7 DUNE ACRES IND.
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413827087060001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 22.620
Distance from RF1: 0.70
On/Off RF1: ON
RF3 Index: 04040001019900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/77-07/01/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/77-10/13/77	2	152.	152.	153.	151.	2.	1.414	**	**	**	**
00400	PH (STANDARD UNITS)	07/01/77-07/01/77	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/01/77-07/01/77	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/77-07/01/77	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/01/77-07/01/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/77-04/06/78	3	12.	11.667	15.	8.	12.333	3.512	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/01/77-04/06/78	3	15.	14.333	18.	10.	16.333	4.041	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/01/77-07/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/01/77-04/06/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/01/77-04/06/78	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/77-04/06/78	3	47.	42.333	47.	33.	65.333	8.083	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/01/77-04/06/78	3	33.	30.667	39.	20.	94.333	9.713	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/77-04/06/78	3	14.	12.367	14.	9.1	8.003	2.829	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/77-04/06/78	3	2.9	2.767	3.	2.4	0.103	0.321	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/77-04/06/78	3	2.6	2.4	2.6	2.	0.12	0.346	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/01/77-04/06/78	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/01/77-04/06/78	3	10.	10.667	12.	10.	1.333	1.155	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/77-04/06/78	3	1.1	0.933	1.2	0.5	0.143	0.379	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/01/77-04/06/78	3	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/01/77-04/06/78	3	44.	42.667	47.	37.	26.333	5.132	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/01/77-04/06/78	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/77-04/06/78	3	15.	13.3	16.	8.9	14.77	3.843	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/06/78-04/06/78	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/01/77-04/06/78	3	90.	80.	110.	40.	1300.	36.056	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/77-04/06/78	3 ##	5.	10.	20.	5.	75.	8.66	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/01/77-04/06/78	3	92.	85.333	93.	71.	154.333	12.423	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/01/77-04/06/78	3	0.13	0.12	0.13	0.1	0.	0.017	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0100

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0101

NPS Station ID: INDU0101
LAT/LON: 41.636949/ -87.100837
Agency: 112WRD
Date Created: 03/04/77
Location: SURFACE WATER ON N SIDE OF NIPSCO DIKE
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413813087060304
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 22.620
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001019600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/76-05/10/78	12	14.3	12.95	28.3	0.4	78.455	8.858	1.03	2.825	18.625	26.35
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/22/76-05/10/78	12	681.	670.667	772.	485.	7127.152	84.422	508.7	625.5	739.75	771.7
00300	OXYGEN, DISSOLVED MG/L	06/22/76-05/10/78	12	0.5	0.85	2.6	0.4	0.405	0.636	0.43	0.5	0.975	2.27
00400	PH (STANDARD UNITS)	06/22/76-05/10/78	12	7.15	7.183	8.	6.6	0.12	0.346	6.69	6.95	7.3	7.85
00400	CONVERTED PH (STANDARD UNITS)	06/22/76-05/10/78	12	7.147	7.075	8.	6.6	0.132	0.364	6.69	6.95	7.3	7.85
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/22/76-05/10/78	12	0.071	0.084	0.251	0.01	0.004	0.062	0.016	0.05	0.114	0.214
00405	CARBON DIOXIDE (MG/L AS CO2)	09/28/76-05/10/78	10	32.5	42.46	141.	1.5	1604.416	40.055	1.86	15.525	56.25	133.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/28/76-05/10/78	10	295.	267.6	350.	12.	8869.156	94.176	36.8	260.	313.5	347.4
00440	BICARBONATE ION (MG/L AS HCO3)	09/28/76-05/10/78	10	355.	324.3	423.	15.	12960.233	113.843	44.7	318.	383.25	420.
00445	CARBONATE ION (MG/L AS CO3)	09/28/76-05/10/78	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/13/77-05/10/78	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/13/77-05/10/78	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/28/76-05/10/78	8	19.	18.063	33.	5.7	77.414	8.799	**	**	**	**
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	09/28/76-04/13/77	2	193.5	193.5	217.	170.	1104.5	33.234	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	04/13/77-04/13/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/28/76-05/10/78	10	375.	362.	440.	290.	2506.667	50.067	292.	310.	397.5	438.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/28/76-05/10/78	10	73.	97.5	370.	15.	10576.5	102.842	15.4	31.	120.	345.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/28/76-05/10/78	10	93.	93.2	120.	67.	318.178	17.838	67.6	80.5	105.	120.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/28/76-05/10/78	10	32.	31.4	36.	25.	13.822	3.718	25.1	29.	35.	35.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/28/76-05/10/78	10	13.	13.7	18.	10.	4.9	2.214	10.2	12.75	15.25	17.8
00931	SODIUM ADSORPTION RATIO	09/28/76-05/10/78	10	0.3	0.31	0.4	0.2	0.003	0.057	0.21	0.3	0.325	0.4
00932	SODIUM, PERCENT	09/28/76-05/10/78	10	8.	7.4	9.	6.	1.156	1.075	6.	6.	8.	8.9
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/28/76-05/10/78	10	6.2	5.89	7.5	3.4	1.761	1.327	3.53	4.7	7.1	7.49
00940	CHLORIDE,TOTAL IN WATER MG/L	09/28/76-05/10/78	10	15.5	14.8	19.	9.	11.289	3.36	9.2	11.	17.25	18.9
00945	SULFATE, TOTAL (MG/L AS SO4)	09/28/76-05/10/78	10	52.	59.4	120.	10.	1175.6	34.287	12.2	37.25	85.25	119.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/28/76-05/10/78	10	0.55	0.57	1.1	0.1	0.102	0.32	0.11	0.35	0.775	1.09
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/28/76-05/10/78	10	15.5	14.32	22.	3.4	27.753	5.268	3.84	11.7	17.25	21.6
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/28/76-05/10/78	10	7.	6.7	13.	1.	16.011	4.001	1.1	2.75	10.25	12.8
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/28/76-09/28/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/28/76-07/01/77	6 ##	50.	75.	200.	50.	3750.	61.237	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/28/76-04/13/77	2 ##	65.	65.	130.	0.	8450.	91.924	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/28/76-09/28/76	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/28/76-09/28/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	02/17/77-05/10/78	9	1500.	1636.667	2900.	830.	323850.	569.078	830.	1350.	1850.	2900.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/28/76-05/10/78	10 ##	0.	0.2	2.	0.	0.4	0.632	0.	0.	0.	1.8
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/28/76-04/13/77	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/28/76-09/28/76	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/28/76-09/28/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01035	COBALT, DISSOLVED (UG/L AS CO)	09/28/76-09/28/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	09/28/76-04/13/77	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/28/76-05/10/78	5 ##	1.	1.4	4.	0.	2.8	1.673	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/28/76-09/28/76	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/28/76-09/28/76	1	280000.	280000.	280000.	280000.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/28/76-05/10/78	10	915.	1368.	4100.	100.	1309128.889	1144.172	155.	650.	1950.	3900.
01049	LEAD, DISSOLVED (UG/L AS PB)	09/28/76-05/10/78	10 ##	1.	2.3	8.	0.	9.122	3.02	0.	0.	4.	7.9
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/28/76-04/13/77	2 ##	49.	49.	93.	5.	3872.	62.225	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/28/76-09/28/76	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/28/76-09/28/76	1	4800.	4800.	4800.	4800.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/28/76-05/10/78	10	680.	701.	1400.	310.	105032.222	324.087	320.	432.5	862.5	1359.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/28/76-05/10/78	10	13.	12.35	29.	0.5	59.781	7.732	0.75	7.5	15.25	27.7
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/28/76-04/13/77	2 ##	5.	5.	10.	0.	50.	7.071	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/28/76-05/10/78	10	3.	3.7	12.	0.	15.567	3.945	0.	0.	5.75	11.6
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/28/76-04/13/77	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/28/76-05/10/78	10	435.	431.	530.	320.	3543.333	59.526	325.	385.	472.5	525.
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	09/28/76-04/13/77	2 ##	52.5	52.5	100.	5.	4512.5	67.175	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/28/76-05/10/78	10 ##	10.	12.	30.	0.	106.667	10.328	0.	7.5	15.	30.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/28/76-04/13/77	2	155.	155.	250.	60.	18050.	134.35	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/28/76-05/10/78	10	30.	39.	110.	20.	698.889	26.437	20.	27.5	42.5	104.
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/28/76-04/13/77	2	2200.	2200.	3900.	500.	5780000.	2404.163	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/28/76-09/28/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/28/76-09/28/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/28/76-09/28/76	1	28000.	28000.	28000.	28000.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/28/76-05/10/78	10	407.5	397.1	519.	235.	6603.656	81.263	244.3	339.25	463.25	513.8
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/28/76-05/10/78	10	0.55	0.541	0.71	0.32	0.012	0.111	0.333	0.465	0.633	0.703
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/28/76-09/28/76	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/28/76-04/13/77	2	0.1	0.1	0.2	0.	0.02	0.141	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0101

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	7 &	7	1.00	1	1	1.00	1	1	1.00	5	5	1.00			
00400	PH	Other-Hi Lim.	9.	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00	4	0	0.00	6	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	1	0	0.00	4	0	0.00	5	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	10	0	0.00	1	0	0.00	4	0	0.00	5	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	0	0.00	1	0	0.00	4	0	0.00	5	0	0.00			
		Drinking Water	50.	10	0	0.00	1	0	0.00	4	0	0.00	5	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	6	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	10	0	0.00	1	0	0.00	4	0	0.00	5	0	0.00			
		Drinking Water	5.	10	0	0.00	1	0	0.00	4	0	0.00	5	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	1300.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	10	0	0.00	1	0	0.00	4	0	0.00	5	0	0.00			
		Drinking Water	5.	10	2	0.20	1	0	0.00	4	0	0.00	5	2	0.40			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	10	0	0.00	1	0	0.00	4	0	0.00	5	0	0.00			
		Drinking Water	100.	10	0	0.00	1	0	0.00	4	0	0.00	5	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	10	0	0.00	1	0	0.00	4	0	0.00	5	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0102

NPS Station ID: INDU0102
LAT/LON: 41.636949/ -87.100837
Agency: 112WRD
Date Created: 01/25/77
Location: SURFACE WATER ON S SIDE OF NIPSC
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413813087060301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 22.620
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001050100.00
RF3 Mile Point: 0.45
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/76-05/10/78	17	12.3	13.959	30.6	0.7	92.663	9.626	1.66	2.85	22.95	27.08
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/22/76-05/10/78	17	604.	583.765	782.	150.	22058.066	148.52	406.8	496.	689.	762.
00300	OXYGEN, DISSOLVED MG/L	06/22/76-05/10/78	15	5.3	5.48	17.6	0.5	24.34	4.934	0.5	0.8	8.8	14.36
00400	PH (STANDARD UNITS)	06/22/76-05/10/78	17	7.7	7.565	8.4	6.2	0.315	0.561	6.6	7.25	7.95	8.16
00400	CONVERTED PH (STANDARD UNITS)	06/22/76-05/10/78	17	7.7	7.129	8.4	6.2	0.517	0.719	6.6	7.25	7.95	8.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/22/76-05/10/78	17	0.02	0.074	0.631	0.004	0.023	0.152	0.007	0.011	0.057	0.286
00405	CARBON DIOXIDE (MG/L AS CO2)	02/17/77-05/10/78	15	9.1	34.127	212.	3.4	3405.862	58.36	4.72	7.1	26.	161.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/28/76-05/10/78	16	280.	267.438	360.	170.	2975.729	54.55	191.	220.	300.	339.
00440	BICARBONATE ION (MG/L AS HCO3)	02/17/77-05/10/78	15	330.	322.267	440.	210.	4658.781	68.255	228.	266.	370.	416.
00445	CARBONATE ION (MG/L AS CO3)	02/17/77-05/10/78	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/13/77-05/10/78	7	0.	0.013	0.09	0.	0.001	0.034	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/13/77-05/10/78	7 ##	0.005	0.009	0.03	0.005	0.	0.009	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/17/77-05/10/78	12	11.	11.383	19.	3.7	24.46	4.946	3.97	7.025	15.	18.4
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	04/13/77-04/13/77	2	143.	143.	217.	69.	10952.	104.652	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	04/13/77-04/13/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/28/76-05/10/78	16	315.	316.875	440.	240.	3716.25	60.961	240.	252.5	360.	405.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/28/76-05/10/78	16	40.5	49.688	120.	17.	755.829	27.492	18.4	28.75	63.5	94.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/17/77-05/10/78	15	72.	73.2	100.	45.	248.171	15.753	51.	60.	86.	98.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/17/77-05/10/78	15	33.	31.867	45.	20.	49.838	7.06	21.2	24.	37.	41.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/17/77-05/10/78	15	12.	11.307	16.	7.	9.284	3.047	7.	9.1	13.	16.
00931	SODIUM ADSORPTION RATIO	09/28/76-05/10/78	16	0.3	0.288	0.4	0.2	0.005	0.072	0.2	0.2	0.3	0.4
00932	SODIUM, PERCENT	09/28/76-05/10/78	16	7.	7.25	10.	6.	1.267	1.125	6.	6.25	8.	9.3
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/17/77-05/10/78	15	4.1	4.3	7.5	2.4	1.691	1.301	2.7	3.5	5.1	6.42
00940	CHLORIDE,TOTAL IN WATER MG/L	02/17/77-05/10/78	15	13.	13.	22.	6.	18.286	4.276	7.2	9.	16.	19.6
00945	SULFATE, TOTAL (MG/L AS SO4)	02/17/77-05/10/78	15	42.	52.533	120.	26.	690.267	26.273	26.6	35.	70.	103.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/17/77-05/10/78	15	0.4	0.447	0.7	0.3	0.011	0.106	0.3	0.4	0.5	0.64
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/17/77-05/10/78	15	6.8	6.58	13.	0.2	14.673	3.831	0.5	3.4	8.8	12.4
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/17/77-05/10/78	15	6.	9.733	32.	2.	68.924	8.302	2.	4.	12.	25.4
01001	ARSENIC, SUSPENDED (UG/L AS AS)	09/01/77-09/01/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/01/77-09/01/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/13/77-04/13/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/17/77-10/13/77	9 ##	50.	66.667	200.	50.	2500.	50.	50.	50.	50.	200.
01006	BARIUM, SUSPENDED (UG/L AS BA)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	09/01/77-09/01/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/13/77-04/13/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/28/77-09/01/77	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	09/01/77-09/01/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	02/17/77-05/10/78	15	1500.	1459.333	2300.	420.	244892.381	494.866	690.	1100.	1700.	2180.
01021	BORON, SUSPENDED (UG/L AS B)	09/01/77-09/01/77	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	09/01/77-09/01/77	1	2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/17/77-05/10/78	15 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01026	CADMIUM, SUSPENDED (UG/L AS CD)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/01/77-09/01/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/13/77-04/13/77	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/28/77-09/01/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	09/01/77-09/01/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/01/77-09/01/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/28/77-07/28/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	04/13/77-04/13/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/28/77-05/10/78	8 ##	0.	0.875	3.	0.	1.839	1.356	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	09/01/77-09/01/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/01/77-09/01/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/01/77-09/01/77	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	02/17/77-05/10/78	15	120.	465.333	2600.	40.	647769.524	804.841	46.	80.	370.	2360.
01049	LEAD, DISSOLVED (UG/L AS PB)	02/17/77-05/10/78	15 ##	1.	1.6	7.	0.	4.543	2.131	0.	0.	3.	5.8
01050	LEAD, SUSPENDED (UG/L AS PB)	09/01/77-09/01/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/01/77-09/01/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/13/77-04/13/77	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/01/77-09/01/77	1	240.	240.	240.	240.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/17/77-05/10/78	15	200.	309.	1200.	5.	162432.857	403.03	5.	20.	310.	1080.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/17/77-05/10/78	15	140.	186.133	800.	10.	38821.981	197.033	11.2	52.	210.	530.
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	09/01/77-09/01/77	1	320.	320.	320.	320.	0.	0.	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	04/13/77-04/13/77	2 ##	25.	25.	50.	0.	1250.	35.355	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/17/77-05/10/78	15	2.	3.	12.	0.	12.429	3.525	0.	0.	4.	9.6
01066	NICKEL, SUSPENDED (UG/L AS NI)	09/01/77-09/01/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	09/01/77-09/01/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/13/77-04/13/77	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/17/77-05/10/78	15	410.	407.333	510.	290.	5692.381	75.448	296.	340.	470.	510.
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	09/01/77-09/01/77	1	290.	290.	290.	290.	0.	0.	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	04/13/77-04/13/77	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/17/77-05/10/78	15 ##	0.	7.333	40.	0.	149.524	12.228	0.	0.	10.	34.
01091	ZINC, SUSPENDED (UG/L ZN)	09/01/77-09/01/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	09/01/77-09/01/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/13/77-04/13/77	2	35.	35.	60.	10.	1250.	35.355	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/01/77-09/01/77	1	180.	180.	180.	180.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/28/76-05/10/78	16	40.	46.875	120.	10.	1156.25	34.004	10.	22.5	60.	113.
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	09/01/77-09/01/77	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/13/77-04/13/77	2	500.	500.	500.	500.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/28/77-07/28/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/28/76-05/10/78	16	349.5	357.438	473.	275.	4358.929	66.022	277.8	285.75	413.	465.3
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/28/76-05/10/78	16	0.475	0.485	0.64	0.37	0.008	0.09	0.377	0.39	0.56	0.633
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/28/77-09/01/77	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	09/01/77-09/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/01/77-09/01/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/13/77-04/13/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0102

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	12 &	3	0.25	3	1	0.33	1	1	1.00	7	1	0.14	1	0	0.00
00400	PH	Other-Hi Lim.	9.	17	0	0.00	4	0	0.00	4	0	0.00	7	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	17	1	0.06	4	0	0.00	4	0	0.00	7	0	0.00	2	1	0.50

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0102

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	15	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	15	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	15	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00
		Drinking Water	50.	15	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	9	0	0.00	1	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00										2	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	15	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00
		Drinking Water	5.	15	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00										2	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	8	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	1300.	8	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	15	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00
		Drinking Water	5.	15	2	0.13	3	0	0.00	4	0	0.00	6	2	0.33	2	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	15	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00
		Drinking Water	100.	15	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	15	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00										2	0	0.00
		Drinking Water	2.	2	0	0.00										2	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0103

NPS Station ID: INDU0103
LAT/LON: 41.637226/ -87.100837
Agency: 112WRD
Date Created: 11/18/75
Location: BETHLEHEM STEEL CULVERT AT DUNE ACRES IND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413814087060300
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 7.70
On/Off RF1:
RF3 Index: 04040001020200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/73-08/25/79	22	19.3	17.395	30.	3.4	55.571	7.455	6.23	10.875	23.75	27.1
00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/14/75-08/14/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/02/73-08/02/73	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/73-08/25/79	22	651.5	720.	1310.	50.	117151.429	342.274	337.1	462.5	989.75	1258.9
00300	OXYGEN, DISSOLVED MG/L	08/02/73-08/25/79	19	2.2	2.805	10.6	0.	6.219	2.494	0.3	1.3	3.3	6.1
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/02/73-05/05/75	9	30.	36.778	111.	13.	919.444	30.322	13.	17.5	45.5	111.
00400	PH (STANDARD UNITS)	08/02/73-08/25/79	21	7.	6.957	7.4	6.1	0.105	0.323	6.6	6.7	7.15	7.38
00400	CONVERTED PH (STANDARD UNITS)	08/02/73-08/25/79	21	7.	6.82	7.4	6.1	0.124	0.353	6.6	6.7	7.15	7.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/73-08/25/79	21	0.1	0.152	0.794	0.04	0.027	0.164	0.042	0.071	0.205	0.251
00405	CARBON DIOXIDE (MG/L AS CO2)	08/02/73-08/25/79	10	51.	69.6	205.	13.	4711.822	68.643	13.1	17.	98.5	202.6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/73-08/25/79	12	280.	275.583	460.	118.	19487.174	139.596	122.8	137.75	410.	450.4
00440	BICARBONATE ION (MG/L AS HCO3)	08/02/73-08/10/78	10	205.5	300.	522.	144.	26398.	162.475	145.9	165.25	472.5	520.8
00445	CARBONATE ION (MG/L AS CO3)	08/28/74-08/10/78	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/28/74-08/10/78	4	4.5	4.375	8.1	0.4	17.609	4.196	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/25/79-08/25/79	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/28/74-08/10/78	4	2.62	3.158	7.2	0.19	12.351	3.514	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/18/78-08/25/79	2	0.85	0.85	1.2	0.5	0.245	0.495	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/18/78-08/25/79	2	2.6	2.6	2.8	2.4	0.08	0.283	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/28/74-08/10/78	4	0.705	1.113	2.9	0.14	1.507	1.228	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/02/73-08/10/78	5	0.01	0.02	0.05	0.01	0.	0.017	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/02/73-08/10/78	5	0.06	0.102	0.26	0.	0.014	0.118	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/18/78-08/25/79	2	3.45	3.45	3.6	3.3	0.045	0.212	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/74-08/10/78	4	4.345	4.28	8.1	0.33	18.493	4.3	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/02/73-08/10/78	5	0.07	0.13	0.31	0.01	0.016	0.126	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/18/78-08/25/79	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/18/78-08/25/79	2	0.045	0.045	0.09	0.	0.004	0.064	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/73-08/10/78	5	0.03	0.282	0.86	0.01	0.146	0.382	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/18/78-08/25/79	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/18/78-08/25/79	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/04/75-08/25/79	5	9.	9.52	18.	4.2	29.912	5.469	**	**	**	**
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	05/20/77-07/28/77	2	26.5	26.5	30.	23.	24.5	4.95	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	11/12/75-07/28/77	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/73-08/25/79	12	365.	398.333	860.	160.	57360.606	239.501	169.	192.5	507.5	845.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/02/73-08/25/79	12	59.	122.667	440.	44.	21691.515	147.28	44.6	47.75	106.25	437.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/73-08/25/79	12	97.5	108.167	240.	41.	4305.788	65.619	44.3	54.25	135.	234.
00916	CALCIUM, TOTAL (MG/L AS CA)	08/02/73-08/02/73	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/73-08/25/79	12	29.	31.083	63.	13.	341.538	18.481	13.3	14.25	41.75	63.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	08/02/73-08/02/73	1	15.	15.	15.	15.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/73-08/25/79	12	10.3	24.658	79.	5.8	520.748	22.82	6.46	8.4	37.75	70.
00931	SODIUM ADSORPTION RATIO	08/02/73-08/25/79	12	0.2	0.667	2.	0.1	0.435	0.66	0.1	0.2	1.175	1.85
00932	SODIUM, PERCENT	08/02/73-08/25/79	12	6.	15.083	35.	2.	190.447	13.8	2.	4.	29.25	34.7
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/25/79-08/25/79	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/73-08/25/79	12	8.35	7.142	11.	2.	13.141	3.625	2.27	3.375	10.75	11.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/73-08/25/79	12	12.5	38.917	130.	7.	1600.265	40.003	7.6	9.25	66.	115.3
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/73-08/25/79	12	69.5	118.	430.	30.	18584.	136.323	30.6	43.5	94.	415.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/11/77-08/25/79	4	0.8	0.775	0.9	0.6	0.023	0.15	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/11/77-08/25/79	4	20.	20.	25.	15.	27.333	5.228	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/20/77-07/12/80	4	5.5	12.	36.	1.	268.667	16.391	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/20/77-05/20/77	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/25/79-08/25/79	1	4400.	4400.	4400.	4400.	0.	0.	**	**	**	**
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	07/12/80-07/12/80	1	630.	630.	630.	630.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/12/75-07/12/80	7 ##	5.	3.714	5.	0.	4.905	2.215	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/12/75-07/12/80	6	10.	17.833	60.	3.	457.367	21.386	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/12/75-08/25/79	5 ##	5.	5.2	10.	1.	10.2	3.194	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/12/75-07/12/80	6	20.	43.833	150.	5.	3092.167	55.607	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/02/73-08/10/78	8	1700.	9240.	44000.	500.	249952800.	15809.896	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/11/77-08/25/79	4	2450.	3362.5	7800.	750.	10995625.	3315.965	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/12/75-07/12/80	7	20.	59.429	200.	5.	5627.286	75.015	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	07/28/77-08/10/78	2	530.	530.	1000.	60.	441800.	664.68	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/02/73-08/10/78	8	295.	460.	1300.	80.	186571.429	431.939	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/11/77-08/25/79	4	1125.	1155.	1800.	570.	303766.667	551.15	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/20/77-07/12/80	2 ##	2152.5	2152.5	4300.	5.	9223512.5	3037.024	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/12/75-07/12/80	5 ##	5.	9.6	30.	3.	130.8	11.437	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	05/20/77-07/12/80	2 ##	102.5	102.5	200.	5.	19012.5	137.886	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/12/75-07/12/80	7	160.	736.143	4100.	93.	2213917.476	1487.924	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	11/12/75-08/10/78	4 ##	292.5	1572.5	5700.	5.	7645141.667	2764.985	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/12/80-07/12/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	07/28/77-08/10/78	2	15400.	15400.	30000.	800.	426320000.	20647.518	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/07/73-08/07/73	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/07/73-08/07/73	1	3.204	3.204	3.204	3.204	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1600.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/73-08/28/74	3 ##	25.	19.333	25.	8.	96.333	9.815	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/07/73-08/28/74	3 ##	1.398	1.233	1.398	0.903	0.082	0.286	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			17.1								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	08/07/73-08/28/74	3	35.	72.5	180.	2.5	8931.25	94.505	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	08/07/73-08/28/74	3	1.544	1.399	2.255	0.398	0.878	0.937	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			25.066								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/28/74-08/14/75	2	0.065	0.065	0.1	0.03	0.002	0.049	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/11/77-08/25/79	3	606.	738.333	1040.	569.	68594.333	261.905	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/11/77-08/25/79	3	0.82	1.	1.41	0.77	0.127	0.356	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/18/78-08/25/79	2	3.35	3.35	3.6	3.1	0.125	0.354	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/28/74-08/10/78	4	19.95	19.425	36.	1.8	346.309	18.609	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	11/12/75-07/28/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0103

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	19	15	0.79	6	5	0.83	3	2	0.67	4	2	0.50	6	6	1.00
00400	PH	Other-Hi Lim.	9.	21	0	0.00	7	0	0.00	2	0	0.00	5	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	21	1	0.05	7	0	0.00	2	0	0.00	5	1	0.20	7	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	5	0	0.00										5	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00										5	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00										5	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0103

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/16-1/15---------- Obs	Exceed	Prop.	----------1/16-3/15---------- Obs	Exceed	Prop.	----------3/16-7/15---------- Obs	Exceed	Prop.	----------7/16-9/15---------- Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	12	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	6	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	12	1	0.08	2	0	0.00	2	0	0.00	2	1	0.50	6	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00										1	1	1.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00				1	0	0.00				2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0104

NPS Station ID: INDU0104
LAT/LON: 41.635004/ -87.101670
Agency: 112WRD
Date Created: 04/14/78
Location: PRECIP. STATION #3 NR. INTER-DUN
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413836087060601
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 1.30
On/Off RF1:
RF3 Index: 04040001019500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/77-08/19/77	2	29.	29.	33.	25.	32.	5.657	**	**	**	**
00400	PH (STANDARD UNITS)	07/01/77-08/19/77	2	4.9	4.9	5.4	4.4	0.5	0.707	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/01/77-08/19/77	2	4.66	4.66	5.4	4.4	0.616	0.785	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/77-08/19/77	2	21.896	21.896	39.811	3.981	641.882	25.335	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/01/77-08/19/77	2	9.5	9.5	19.	0.	180.5	13.435	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/77-11/23/77	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/01/77-11/23/77	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/01/77-11/23/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	07/01/77-11/23/77	2	15.	15.	17.	13.	8.	2.828	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/77-08/19/77	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/01/77-07/01/77	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/01/77-08/19/77	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/01/77-08/19/77	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/77-08/19/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/01/77-07/01/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/01/77-11/23/77	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/01/77-11/23/77	2	5.5	5.5	7.	4.	4.5	2.121	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/77-11/23/77	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/01/77-11/23/77	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/01/77-11/23/77	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	07/01/77-11/23/77	2 ##	6.5	6.5	10.	3.	24.5	4.95	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/01/77-11/23/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/01/77-11/23/77	2 ##	15.	15.	20.	10.	50.	7.071	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	07/01/77-11/23/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/01/77-11/23/77	2	5.	5.	6.	4.	2.	1.414	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/01/77-11/23/77	2	610.	610.	800.	420.	72200.	268.701	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/01/77-11/23/77	2	16.	16.	27.	5.	242.	15.556	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/01/77-11/23/77	2	65.	65.	80.	50.	450.	21.213	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/01/77-11/23/77	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/01/77-11/23/77	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	07/01/77-11/23/77	2 ##	22.5	22.5	40.	5.	612.5	24.749	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/01/77-11/23/77	2	140.	140.	200.	80.	7200.	84.853	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/01/77-11/23/77	2 ##	110.	110.	170.	50.	7200.	84.853	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0104

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	2	0	0.00							1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	2	2	1.00							1	1	1.00	1	1	1.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00							1	0	0.00	1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00							1	0	0.00	1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	5.	2	0	0.00							1	0	0.00	1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00							1	0	0.00	1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	1300.	2	0	0.00							1	0	0.00	1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	5.	2	2	1.00							1	1	1.00	1	1	1.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	100.	2	0	0.00							1	0	0.00	1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	2	1	0.50							1	1	1.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0105

NPS Station ID: INDU0105
LAT/LON: 41.642503/ -87.101949
Agency: 112WRD
Date Created: 04/14/78
Location: E. SIDE INTER-DUNAL POND C @ DUNE ACRES, IN.
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413833087060701
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 1.60
On/Off RF1:
RF3 Index: 04040001019500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/13/77-08/25/81	18	16.2	15.7	31.5	2.	89.746	9.473	2.27	6.475	22.575	29.34
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	02/18/81-08/25/81	3	405.	371.333	410.	299.	3930.333	62.692	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/13/77-08/25/81	18	219.5	231.278	491.	75.	14334.095	119.725	79.5	135.75	297.75	464.9
00300	OXYGEN, DISSOLVED MG/L	04/13/77-08/25/81	15	5.1	5.27	12.3	0.05	13.285	3.645	0.32	1.5	8.3	10.98
00400	PH (STANDARD UNITS)	04/13/77-08/25/81	18	7.05	7.056	8.3	6.1	0.28	0.529	6.46	6.575	7.5	7.58
00400	CONVERTED PH (STANDARD UNITS)	04/13/77-08/25/81	18	7.047	6.791	8.3	6.1	0.354	0.595	6.46	6.575	7.5	7.58
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/13/77-08/25/81	18	0.09	0.162	0.794	0.005	0.037	0.192	0.029	0.032	0.267	0.364
00403	PH, LAB, STANDARD UNITS SU	02/18/81-08/25/81	3	6.8	7.133	7.8	6.8	0.333	0.577	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/18/81-08/25/81	3	6.8	6.955	7.8	6.8	0.381	0.617	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/18/81-08/25/81	3	0.158	0.111	0.158	0.016	0.007	0.082	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/13/77-08/25/79	13	13.	22.338	140.	1.1	1382.263	37.179	1.38	3.1	22.	100.4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/13/77-07/12/80	15	54.	61.067	110.	24.	678.781	26.053	31.2	40.	77.	110.
00440	BICARBONATE ION (MG/L AS HCO3)	04/13/77-05/10/78	12	73.5	78.167	140.	29.	1206.879	34.74	34.4	49.75	106.	137.
00445	CARBONATE ION (MG/L AS CO3)	04/13/77-05/10/78	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/25/79-07/12/80	2	0.965	0.965	1.	0.93	0.002	0.049	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/18/78-07/12/80	3	0.99	1.2	1.7	0.91	0.189	0.435	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/18/78-07/12/80	3	0.02	0.073	0.19	0.01	0.01	0.101	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/18/78-07/12/80	3	1.	1.277	1.9	0.93	0.293	0.541	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/18/78-07/12/80	3	0.05	0.117	0.3	0.	0.026	0.161	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/13/77-07/12/80	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/18/78-07/12/80	3	0.01	0.01	0.02	0.	0.	0.01	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/13/77-07/12/80	9 ##	0.005	0.004	0.005	0.	0.	0.002	0.	0.005	0.005	0.005
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/18/77-07/12/80	12	12.5	11.517	22.	4.1	31.372	5.601	4.13	5.525	15.75	20.2
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	04/13/77-04/13/77	1	284.	284.	284.	284.	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	04/13/77-04/13/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/13/77-08/25/81	18	88.5	104.611	230.	24.	3463.075	58.848	46.5	60.75	130.	230.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/13/77-07/12/80	15	60.	55.667	130.	11.	1164.381	34.123	15.2	22.	69.	118.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/13/77-08/25/81	18	22.	24.678	61.	7.2	216.881	14.727	11.52	13.	30.	56.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/13/77-08/25/81	18	8.95	10.339	21.	1.4	30.853	5.555	4.01	6.05	14.	20.1
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/13/77-08/25/81	18	6.	6.133	12.	1.1	7.282	2.699	2.45	4.45	7.175	10.2
00931	SODIUM ADSORPTION RATIO	04/13/77-08/25/81	18	0.3	0.261	0.4	0.1	0.005	0.07	0.19	0.2	0.3	0.31
00932	SODIUM, PERCENT	04/13/77-08/25/81	18	10.5	11.722	19.	8.	9.154	3.025	8.	10.	13.25	17.2
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/25/79-08/25/79	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/13/77-08/25/81	18	2.	2.05	4.1	0.4	1.25	1.118	0.67	1.	2.7	4.01
00940	CHLORIDE,TOTAL IN WATER MG/L	04/13/77-08/25/81	18	7.	6.889	14.	2.	11.869	3.445	2.9	4.	8.25	13.1
00945	SULFATE, TOTAL (MG/L AS SO4)	04/13/77-08/25/81	18	38.	47.167	130.	8.	1170.5	34.213	12.5	17.75	66.75	112.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/13/77-08/25/81	18	0.2	0.178	0.3	0.1	0.003	0.055	0.1	0.1	0.2	0.21
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/13/77-08/25/81	18	0.55	1.122	7.7	0.05	3.518	1.876	0.05	0.1	1.05	4.19

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/13/77-08/25/81	15	1.	1.133	2.	0.	0.374	0.611	0.3	1.	2.	2.
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/13/77-04/13/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/13/77-10/12/77	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/13/77-04/13/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/29/77-08/31/77	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/18/77-08/25/81	16	485.	451.875	750.	40.	60042.917	245.037	61.	242.5	695.	743.
01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	1	780.	780.	780.	780.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/13/77-08/25/81	15 ##	0.	0.1	0.5	0.	0.043	0.207	0.	0.	0.	0.5
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/13/77-04/13/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/29/77-08/31/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/29/77-07/29/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/29/77-05/10/78	8 ##	0.5	0.625	2.	0.	0.554	0.744	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/31/77-08/31/77	1	3000.	3000.	3000.	3000.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/13/77-08/25/81	18	175.	458.333	2700.	40.	575120.588	758.367	58.	85.	390.	2340.
01049	LEAD, DISSOLVED (UG/L AS PB)	04/13/77-05/10/78	12 ##	1.	1.917	5.	0.	4.629	2.151	0.	0.	4.	5.
01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/13/77-04/13/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/31/77-05/19/81	2	190.	190.	200.	180.	200.	14.142	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/13/77-08/25/81	18	100.	233.611	1500.	5.	163217.075	404.001	18.5	20.	207.5	1140.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/13/77-08/25/81	14	2.	3.536	19.	0.	30.133	5.489	0.25	0.5	3.	16.
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	04/13/77-04/13/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/13/77-08/25/81	15	2.	2.4	7.	0.	4.971	2.23	0.	1.	4.	7.
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/13/77-04/13/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/13/77-08/25/81	15	100.	112.667	220.	10.	3063.81	55.352	22.	80.	150.	196.
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	04/13/77-04/13/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/13/77-08/25/81	15 ##	9.	7.067	20.	0.	47.21	6.871	0.	0.	10.	20.
01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/13/77-04/13/77	1	180.	180.	180.	180.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/13/77-08/25/81	15	50.	53.333	110.	10.	952.381	30.861	16.	30.	70.	110.
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/13/77-04/13/77	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/29/77-07/29/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	02/18/81-05/19/81	2	0.7	0.7	1.1	0.3	0.32	0.566	**	**	**	**
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	02/18/81-08/25/81	3	2.2	3.4	7.5	0.5	13.33	3.651	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	02/18/81-08/25/81	3	4.6	3.967	4.8	2.5	1.623	1.274	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	02/18/81-08/25/81	3	4.3	6.8	14.	2.1	40.09	6.332	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/13/77-08/25/81	16	123.	140.188	315.	33.	6076.696	77.953	54.	83.75	168.	298.2
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/13/77-08/25/81	15	0.17	0.203	0.43	0.09	0.01	0.102	0.102	0.13	0.23	0.412
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/18/78-07/12/80	3	0.03	0.093	0.24	0.01	0.016	0.127	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/29/77-08/31/77	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/13/77-04/13/77	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	02/18/81-08/25/81	3 ##	0.8	0.717	1.1	0.25	0.186	0.431	**	**	**	**
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	02/18/81-08/25/81	3	3.2	5.	11.	0.8	28.44	5.333	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	02/18/81-08/25/81	3	4.3	3.767	4.6	2.4	1.423	1.193	**	**	**	**
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	02/18/81-08/25/81	3	4.1	6.733	14.	2.1	40.603	6.372	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	02/18/81-08/25/81	3	0.7	1.	1.6	0.7	0.27	0.52	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0105

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	13 &	3	0.23	2	0	0.00	1	0	0.00	7	2	0.29	3	1	0.33
00400	PH	Other-Hi Lim.	9.	18	0	0.00	4	0	0.00	3	0	0.00	7	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	18	4	0.22	4	1	0.25	3	0	0.00	7	1	0.14	4	2	0.50
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00				1	0	0.00	1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00				1	0	0.00	1	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	18	0	0.00	4	0	0.00	3	0	0.00	7	0	0.00	4	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	18	0	0.00	4	0	0.00	3	0	0.00	7	0	0.00	4	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	15	0	0.00	3	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00
		Drinking Water	50.	15	0	0.00	3	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	6	0	0.00	1	0	0.00				3	0	0.00	2	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00										2	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	15	0	0.00	3	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00
		Drinking Water	5.	15	0	0.00	3	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00										2	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	8	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	1300.	8	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	12	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	5.	12	2	0.17	3	1	0.33	2	0	0.00	5	1	0.20	2	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	15	0	0.00	3	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00
		Drinking Water	100.	15	0	0.00	3	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0105

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	15	0	0.00	3	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00										2	0	0.00
		Drinking Water	2.	2	0	0.00										2	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0106

NPS Station ID: INDU0106
LAT/LON: 41.643337/ -87.102782
Agency: 112WRD
Date Created: 04/14/78
Location: DRIVE POINT D5 DUNE ACRES IND.
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413836087061001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 6.60
On/Off RF1:
RF3 Index: 04040001037800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/77-07/01/77	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/77-10/13/77	2	222.	222.	305.	139.	13778.	117.38	**	**	**	**
00400	PH (STANDARD UNITS)	07/01/77-07/01/77	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/01/77-07/01/77	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/77-07/01/77	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/01/77-07/01/77	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/77-04/06/78	3	37.	40.667	51.	34.	82.333	9.074	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/01/77-04/06/78	3	45.	49.333	62.	41.	124.333	11.15	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/01/77-07/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/01/77-04/06/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/01/77-04/06/78	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/77-04/06/78	3	64.	59.333	83.	31.	692.333	26.312	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/01/77-04/06/78	3	13.	19.667	46.	0.	562.333	23.714	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/77-04/06/78	3	11.	10.7	15.	6.1	19.87	4.458	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/77-04/06/78	3	8.8	7.867	11.	3.8	13.613	3.69	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/77-04/06/78	3	7.5	6.767	8.3	4.5	4.013	2.003	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/01/77-04/06/78	3	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/01/77-04/06/78	3	20.	20.333	23.	18.	6.333	2.517	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/77-04/06/78	3	0.9	1.067	1.4	0.9	0.083	0.289	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/01/77-04/06/78	3	10.	11.333	15.	9.	10.333	3.215	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/01/77-04/06/78	3	57.	52.333	80.	20.	916.333	30.271	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/01/77-04/06/78	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/77-04/06/78	3	4.1	4.333	5.7	3.2	1.603	1.266	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/06/78-04/06/78	1	440.	440.	440.	440.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/01/77-04/06/78	3	3700.	4133.333	6500.	2200.	4763333.333	2182.506	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/77-04/06/78	3	70.	63.333	80.	40.	433.333	20.817	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/01/77-04/06/78	3	133.	122.667	165.	70.	2336.333	48.336	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/01/77-04/06/78	3	0.18	0.167	0.22	0.1	0.004	0.061	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0106

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0107

NPS Station ID: INDU0107
LAT/LON: 41.642503/ -87.103615
Agency: 112WRD
Date Created: 12/29/77
Location: E-CENTER OF INTERDUNAL POND C
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413833087061301
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 21.190
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001019400.00
RF3 Mile Point: 2.86
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/77-08/31/77	1	27.3	27.3	27.3	27.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/77-08/31/77	1	402.	402.	402.	402.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/31/77-08/31/77	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/31/77-08/31/77	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/31/77-08/31/77	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/77-08/31/77	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/77-08/31/77	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/31/77-08/31/77	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/77-08/31/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/31/77-08/31/77	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/31/77-08/31/77	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/77-08/31/77	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/77-08/31/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/77-08/31/77	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/31/77-08/31/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/77-08/31/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/77-08/31/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/77-08/31/77	1	91.	91.	91.	91.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/77-08/31/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/77-08/31/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/31/77-08/31/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/77-08/31/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/31/77-08/31/77	1	770.	770.	770.	770.	0.	0.	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	1	770.	770.	770.	770.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/31/77-08/31/77	1	180.	180.	180.	180.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/31/77-08/31/77	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/31/77-08/31/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/31/77-08/31/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/31/77-08/31/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/77-08/31/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/77-08/31/77	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/31/77-08/31/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/31/77-08/31/77	1	233.	233.	233.	233.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/31/77-08/31/77	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	08/31/77-08/31/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0108

NPS Station ID: INDU0108
LAT/LON: 41.640281/ -87.105281
Agency: 112WRD
Date Created: 12/29/77
Location: S-OUTLET OF INTERDUNAL POND C
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413825087061901
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 21.420
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001019800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/77-08/31/77	1	24.2	24.2	24.2	24.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/77-08/31/77	1	554.	554.	554.	554.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/31/77-08/31/77	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/31/77-08/31/77	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/31/77-08/31/77	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/77-08/31/77	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/77-08/31/77	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/31/77-08/31/77	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/31/77-08/31/77	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/77-08/31/77	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/31/77-08/31/77	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/31/77-08/31/77	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/77-08/31/77	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/77-08/31/77	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/77-08/31/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/31/77-08/31/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/31/77-08/31/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/77-08/31/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/77-08/31/77	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/77-08/31/77	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/77-08/31/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/77-08/31/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/31/77-08/31/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/77-08/31/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/31/77-08/31/77	1	560.	560.	560.	560.	0.	0.	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	1	430.	430.	430.	430.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	1	990.	990.	990.	990.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/31/77-08/31/77	1	840.	840.	840.	840.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/31/77-08/31/77	1	830.	830.	830.	830.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/31/77-08/31/77	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/31/77-08/31/77	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/77-08/31/77	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/31/77-08/31/77	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/31/77-08/31/77	1	344.	344.	344.	344.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/31/77-08/31/77	1	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	08/31/77-08/31/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0108

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	1	1.00										1	1	1.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0108

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0109

NPS Station ID: INDU0109
LAT/LON: 41.641948/ -87.106115
Agency: 112WRD
Date Created: 12/29/77
Location: W-CENTER OF INTERDUNAL POND C
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413831087062201
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 21.420
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001019600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/77-08/31/77	1	31.8	31.8	31.8	31.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/77-08/31/77	1	474.	474.	474.	474.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/31/77-08/31/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/31/77-08/31/77	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/31/77-08/31/77	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/77-08/31/77	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/77-08/31/77	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/31/77-08/31/77	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/77-08/31/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/31/77-08/31/77	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/31/77-08/31/77	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/77-08/31/77	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/77-08/31/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/77-08/31/77	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/31/77-08/31/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/31/77-08/31/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/77-08/31/77	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/77-08/31/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/77-08/31/77	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/77-08/31/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/77-08/31/77	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/31/77-08/31/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/77-08/31/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/31/77-08/31/77	1	770.	770.	770.	770.	0.	0.	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	1	770.	770.	770.	770.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/31/77-08/31/77	1	240.	240.	240.	240.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/31/77-08/31/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/31/77-08/31/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/31/77-08/31/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/31/77-08/31/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/77-08/31/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/77-08/31/77	1	180.	180.	180.	180.	0.	0.	**	**	**	**
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/31/77-08/31/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/31/77-08/31/77	1	281.	281.	281.	281.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/31/77-08/31/77	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	08/31/77-08/31/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0110

NPS Station ID: INDU0110
Location: STATION 178-OFFSHORE
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 04060200
Major Basin: LAKE MICHIGAN
Minor Basin: CALUMET-BURNS DITCH COMPLEX
RF1 Index: 04060200
RF3 Index: 04040001000200.00
Description:

LAT/LON: 41.667226/ -87.107503
Depth of Water: 52
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 9.00

Agency: 21IND
FIPS State/County: 18998 INDIANA/
STORET Station ID(s): 360178 /178-O
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 25.00
Distance from RF3: 2.15

Date Created: 01/09/82
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: INDU0110

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/81-09/23/81	6	18.5	18.5	18.5	18.5	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/23/81-09/23/81	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/23/81-09/23/81	6	280.	280.	280.	280.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/23/81-09/23/81	6	300.	300.	300.	300.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/23/81-09/23/81	11	8.9	9.145	10.	8.8	0.157	0.396	8.8	8.8	9.4	9.92
00400	PH (STANDARD UNITS)	09/23/81-09/23/81	6	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/81-09/23/81	6	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/81-09/23/81	6	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/23/81-09/23/81	2	0.04	0.04	0.06	0.019	0.001	0.029	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/23/81-09/23/81	2	0.28	0.28	0.3	0.26	0.001	0.028	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/81-09/23/81	2	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/23/81-09/23/81	2	0.012	0.012	0.013	0.011	0.	0.001	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/23/81-09/23/81	2	0.007	0.007	0.008	0.006	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/81-09/23/81	2	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/81-09/23/81	2	21.5	21.5	22.	21.	0.5	0.707	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	09/23/81-09/23/81	2	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/23/81-09/23/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	09/23/81-09/23/81	2	28.	28.	28.	28.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/23/81-09/23/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/23/81-09/23/81	2	5.	5.	7.	3.	8.	2.828	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/23/81-09/23/81	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/23/81-09/23/81	2	197.5	197.5	290.	105.	17112.5	130.815	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/23/81-09/23/81	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/23/81-09/23/81	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/23/81-09/23/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/23/81-09/23/81	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/23/81-09/23/81	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0110

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	11	0	0.00	11	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0110

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00	2	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0111

NPS Station ID: INDU0111
LAT/LON: 41.645281/ -87.107781
Agency: 112WRD
Date Created: 04/14/78
Location: DRIVE POINT D4 DUNE ACRES IND.
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413843087062801
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 2.50
On/Off RF1:
RF3 Index: 04040001038000.00
RF3 Mile Point: 0.10
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/77-07/01/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/77-10/13/77	2	245.	245.	248.	242.	18.	4.243	**	**	**	**
00400	PH (STANDARD UNITS)	07/01/77-07/01/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/01/77-07/01/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/77-07/01/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/01/77-07/01/77	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/77-04/06/78	3	39.	40.333	49.	33.	65.333	8.083	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/01/77-04/06/78	3	48.	49.333	60.	40.	101.333	10.066	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/01/77-07/01/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/01/77-04/06/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/01/77-04/06/78	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/77-04/06/78	3	91.	82.333	96.	60.	380.333	19.502	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/01/77-04/06/78	3	42.	42.	57.	27.	225.	15.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/77-04/06/78	3	22.	19.667	22.	15.	16.333	4.041	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/77-04/06/78	3	8.8	8.067	10.	5.4	5.693	2.386	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/77-04/06/78	3	3.2	3.133	3.2	3.	0.013	0.115	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/01/77-04/06/78	3	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
00932	SODIUM, PERCENT	07/01/77-04/06/78	3	7.	8.	10.	7.	3.	1.732	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/77-04/06/78	3	1.1	0.933	1.2	0.5	0.143	0.379	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/01/77-04/06/78	3	7.	6.333	7.	5.	1.333	1.155	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/01/77-04/06/78	3	55.	52.667	62.	41.	114.333	10.693	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/01/77-04/06/78	3	0.1	0.083	0.1	0.05	0.001	0.029	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/77-04/06/78	3	9.7	9.233	11.	7.	4.163	2.04	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/06/78-04/06/78	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/01/77-04/06/78	3	1800.	2033.333	2500.	1800.	163333.333	404.145	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/77-04/06/78	3	80.	83.333	100.	70.	233.333	15.275	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/01/77-04/06/78	3	140.	126.333	140.	99.	560.333	23.671	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/01/77-04/06/78	3	0.19	0.17	0.19	0.13	0.001	0.035	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0111

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0112

NPS Station ID: INDU0112
LAT/LON: 41.641948/ -87.108337
Agency: 112WRD
Date Created: 11/18/75
Location: INTER-DUNAL POND C AT DUNE ACRES IND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 413831087063000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 5.10
On/Off RF1:
RF3 Index: 04040001038100.00
RF3 Mile Point: 0.05
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/74-04/05/78	15	16.2	16.087	33.7	2.2	77.331	8.794	2.68	8.5	22.9	28.54
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/24/74-04/05/78	15	265.	249.533	412.	90.	11034.981	105.048	105.	162.	326.	401.8
00300	OXYGEN, DISSOLVED MG/L	01/24/74-04/05/78	14	3.25	4.486	10.5	0.2	10.057	3.171	0.65	2.375	6.825	10.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/24/74-01/24/74	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/14/75-04/05/78	14	6.65	6.657	7.6	6.2	0.126	0.355	6.25	6.375	6.825	7.25
00400	CONVERTED PH (STANDARD UNITS)	08/14/75-04/05/78	14	6.647	6.554	7.6	6.2	0.137	0.37	6.25	6.375	6.825	7.25
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/75-04/05/78	14	0.225	0.279	0.631	0.025	0.03	0.174	0.076	0.15	0.424	0.566
00405	CARBON DIOXIDE (MG/L AS CO2)	08/14/75-04/05/78	12	20.5	26.492	60.	1.6	377.25	19.423	3.61	12.5	47.5	58.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/24/74-04/05/78	13	44.	44.538	63.	25.	127.603	11.296	28.2	35.	52.5	62.6
00440	BICARBONATE ION (MG/L AS HCO3)	01/24/74-04/05/78	13	54.	54.308	77.	30.	191.231	13.829	34.	42.5	64.	76.2
00445	CARBONATE ION (MG/L AS CO3)	08/14/75-04/05/78	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/11/77-02/11/77	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/11/77-02/11/77	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/14/75-08/14/75	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/14/75-08/14/75	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/14/75-08/14/75	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/14/75-08/14/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/14/75-08/14/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/75-08/14/75	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/14/75-08/14/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/13/77-04/05/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/14/75-08/14/75	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/13/77-04/05/78	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/14/75-08/31/77	4	10.05	13.1	26.	6.3	82.887	9.104	**	**	**	**
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	09/29/76-02/11/77	2	370.	370.	380.	360.	200.	14.142	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	02/11/77-02/11/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/24/74-04/05/78	13	100.	113.615	180.	65.	1944.09	44.092	67.4	73.	160.	176.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/24/74-04/05/78	13	54.	69.308	140.	23.	1659.564	40.738	24.6	31.	104.5	128.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/24/74-04/05/78	13	25.	28.308	46.	14.	140.731	11.863	14.8	17.5	40.	45.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/24/74-04/05/78	13	10.	10.454	16.	6.5	12.844	3.584	6.58	7.25	14.5	15.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/24/74-04/05/78	13	5.3	5.285	8.7	2.	5.255	2.292	2.2	3.15	7.35	8.34
00931	SODIUM ADSORPTION RATIO	01/24/74-04/05/78	13	0.2	0.223	0.4	0.1	0.01	0.101	0.1	0.1	0.3	0.36
00932	SODIUM, PERCENT	01/24/74-04/05/78	13	9.	9.154	17.	6.	9.474	3.078	6.	7.	10.	15.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/24/74-04/05/78	13	2.	1.938	2.5	1.2	0.191	0.437	1.24	1.55	2.35	2.46
00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/74-04/05/78	13	7.	6.769	10.	4.	2.526	1.589	4.4	5.5	8.	9.2
00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/74-04/05/78	13	52.	64.538	120.	20.	1502.936	38.768	20.4	26.	100.	116.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/76-04/05/78	11	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/29/76-04/05/78	11	9.8	9.355	14.	2.1	13.071	3.615	2.88	6.2	13.	13.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/29/76-08/31/77	5 ##	0.5	0.9	2.	0.5	0.425	0.652	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/29/76-02/11/77	2	8.	8.	10.	6.	8.	2.828	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/29/76-08/31/77	5 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/29/76-02/11/77	2	15.5	15.5	31.	0.	480.5	21.92	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/29/76-08/31/77	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/29/76-09/29/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	02/11/77-04/05/78	6	325.	348.333	760.	90.	68216.667	261.183	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	1	770.	770.	770.	770.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/29/76-08/31/77	5 ##	0.	0.2	1.	0.	0.2	0.447	**	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/29/76-02/11/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/29/76-09/29/76	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/29/76-08/31/77	2 ##	5.	5.	10.	0.	50.	7.071	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/29/76-09/29/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	09/29/76-09/29/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/29/76-08/31/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/29/76-09/29/76	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/14/75-08/31/77	3	1700.	1866.667	2400.	1500.	223333.333	472.582	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/29/76-04/05/78	11	320.	456.364	1300.	40.	156905.455	396.113	66.	170.	800.	1238.
01049	LEAD, DISSOLVED (UG/L AS PB)	09/29/76-08/31/77	5 ##	1.	2.	7.	0.	8.5	2.915	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/29/76-02/11/77	2	140.	140.	150.	130.	200.	14.142	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/29/76-02/11/77	2	70.	70.	110.	30.	3200.	56.569	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	1	380.	380.	380.	380.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/14/75-08/31/77	3	260.	296.667	480.	150.	28233.333	168.028	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/76-04/05/78	11	110.	179.091	630.	20.	30809.091	175.525	30.	80.	200.	578.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/29/76-08/31/77	5	1.	1.1	2.	0.5	0.3	0.548	**	**	**	**
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/29/76-02/11/77	2	5.	5.	10.	0.	50.	7.071	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/29/76-08/31/77	5	2.	4.2	10.	0.	17.2	4.147	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/29/76-09/29/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/29/76-08/31/77	5	140.	134.	170.	90.	930.	30.496	**	**	**	**
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	09/29/76-09/29/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/29/76-08/31/77	5 ##	10.	12.	40.	0.	270.	16.432	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/29/76-09/29/76	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/29/76-08/31/77	5	20.	36.	90.	20.	930.	30.496	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/29/76-02/11/77	2	3550.	3550.	4600.	2500.	2205000.	1484.924	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/29/76-09/29/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/29/76-09/29/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/29/76-09/29/76	1	17000.	17000.	17000.	17000.	0.	0.	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	02/11/77-02/11/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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Parameter Inventory for Station: INDU0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	02/11/77-02/11/77	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/29/76-04/05/78	11	189.	165.545	232.	98.	3054.273	55.265	98.2	106.	221.	231.2
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/29/76-04/05/78	11	0.26	0.225	0.32	0.13	0.006	0.077	0.13	0.14	0.3	0.318
71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/14/75-08/14/75	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/29/76-08/31/77	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/29/76-02/11/77	2	0.45	0.45	0.6	0.3	0.045	0.212	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	02/11/77-02/11/77	1 ##	0.85	0.85	0.85	0.85	0.	0.	**	**	**	**
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	02/11/77-02/11/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	02/11/77-02/11/77	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	02/11/77-02/11/77	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0112

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	14	8	0.57	4	2	0.50	3	1	0.33	5	4	0.80	2	1	0.50
00400	PH	Other-Hi Lim.	9.	14	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	14	6	0.43	4	3	0.75	2	0	0.00	5	2	0.40	3	1	0.33
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00										1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	13	0	0.00	3	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	13	0	0.00	3	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
		Drinking Water	50.	5	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	5	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00	1	0	0.00							1	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	5	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
		Drinking Water	5.	5	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00							1	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	1300.	2	0	0.00	1	0	0.00							1	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	5	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
		Drinking Water	5.	5	1	0.20	1	0	0.00	2	0	0.00	1	1	1.00	1	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0112

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	5	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
		Drinking Water	100.	5	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	5	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	2.	2	0	0.00	1	0	0.00							1	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0113

NPS Station ID: INDU0113
LAT/LON: 41.638892/ -87.108892
Agency: 112WRD
Date Created: 05/18/77
Location: NIPSCO ASH POND NO 5 DUNE ACRES,
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413820087063200
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 21.650
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001000200.00
RF3 Mile Point: 23.57
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/11/77-08/30/77	4	22.1	20.6	28.2	10.	67.833	8.236	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/77-08/30/77	4	447.	471.25	563.	428.	3917.583	62.591	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/11/77-08/30/77	4	6.6	6.425	9.1	3.4	8.682	2.947	**	**	**	**
00400	PH (STANDARD UNITS)	03/11/77-08/30/77	3	7.8	7.4	7.9	6.5	0.61	0.781	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/11/77-08/30/77	3	7.8	6.94	7.9	6.5	0.928	0.963	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/11/77-08/30/77	3	0.016	0.115	0.316	0.013	0.03	0.174	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/77-08/30/77	3	1.2	9.	25.	0.8	192.04	13.858	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/77-08/30/77	4	40.	38.75	41.	34.	10.917	3.304	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/11/77-08/30/77	4	48.5	47.	50.	41.	18.	4.243	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/11/77-08/30/77	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/12/77-08/30/77	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/12/77-08/30/77	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/11/77-08/30/77	2	5.85	5.85	7.6	4.1	6.125	2.475	**	**	**	**
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	04/12/77-04/12/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/12/77-04/12/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/77-08/30/77	4	200.	207.5	250.	180.	891.667	29.861	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/11/77-08/30/77	4	155.	167.5	220.	140.	1291.667	35.94	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/77-08/30/77	4	50.5	53.5	64.	49.	51.	7.141	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/77-08/30/77	4	17.	18.	23.	15.	12.667	3.559	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/77-08/30/77	4	10.	10.45	13.	8.8	3.21	1.792	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/11/77-08/30/77	4	0.3	0.325	0.4	0.3	0.003	0.05	**	**	**	**
00932	SODIUM, PERCENT	03/11/77-08/30/77	4	10.	9.75	10.	9.	0.25	0.5	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/77-08/30/77	4	6.4	6.65	8.3	5.5	1.417	1.19	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/11/77-08/30/77	4	9.	9.	10.	8.	0.667	0.816	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/11/77-08/30/77	4	155.	167.5	220.	140.	1425.	37.749	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/11/77-08/30/77	4	0.2	0.175	0.2	0.1	0.003	0.05	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/11/77-08/30/77	4	1.45	1.625	2.8	0.8	0.749	0.866	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/11/77-08/30/77	3 ##	0.5	1.667	4.	0.5	4.083	2.021	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/30/77-08/30/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/30/77-08/30/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/11/77-08/30/77	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/30/77-08/30/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/30/77-08/30/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/30/77-08/30/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/11/77-08/30/77	2	955.	955.	1200.	710.	120050.	346.482	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01022	BORON, TOTAL (UG/L AS B)	08/30/77-08/30/77	1	710.	710.	710.	710.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/11/77-08/30/77	2 ##	11.5	11.5	23.	0.	264.5	16.263	**	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/30/77-08/30/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/12/77-04/12/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/30/77-08/30/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/30/77-08/30/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/77-08/30/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/30/77-08/30/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/30/77-08/30/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/30/77-08/30/77	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/11/77-08/30/77	4 ##	12.5	12.5	20.	5.	75.	8.66	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/11/77-08/30/77	2 ##	3.5	3.5	6.	1.	12.5	3.536	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/30/77-08/30/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/12/77-04/12/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/30/77-08/30/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/77-08/30/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/11/77-08/30/77	4	65.	56.25	90.	5.	1322.917	36.372	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	03/11/77-08/30/77	3	6.	6.667	14.	0.	49.333	7.024	**	**	**	**
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/30/77-08/30/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/11/77-08/30/77	2	27.5	27.5	42.	13.	420.5	20.506	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/30/77-08/30/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/30/77-08/30/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/12/77-04/12/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/11/77-08/30/77	2	200.	200.	200.	200.	0.	0.	**	**	**	**
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/30/77-08/30/77	1	180.	180.	180.	180.	0.	0.	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	04/12/77-04/12/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/11/77-08/30/77	2 ##	125.	125.	240.	10.	26450.	162.635	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	08/30/77-08/30/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/30/77-08/30/77	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/12/77-04/12/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/30/77-08/30/77	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/11/77-08/30/77	3	150.	123.333	180.	40.	5433.333	73.711	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/30/77-08/30/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/11/77-08/30/77	4	271.5	290.75	364.	256.	2542.25	50.421	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/11/77-08/30/77	4	0.37	0.398	0.5	0.35	0.005	0.071	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	08/30/77-08/30/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/30/77-08/30/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/12/77-04/12/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0113

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	4	1	0.25				1	0	0.00	2	0	0.00	1	1	1.00
00400	PH	Other-Hi Lim.	9.	3	0	0.00				1	0	0.00	1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	3	1	0.33				1	0	0.00	1	0	0.00	1	1	1.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	4	0	0.00				1	0	0.00	2	0	0.00	1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00				1	0	0.00	1	0	0.00	1	0	0.00
		Drinking Water	50.	3	0	0.00				1	0	0.00	1	0	0.00	1	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0113

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	3	0	0.00				1	0	0.00	1	0	0.00	1	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	1	0.50				1	1	1.00				1	0	0.00
		Drinking Water	5.	2	1	0.50				1	1	1.00				1	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	5.	2	1	0.50				1	0	0.00				1	1	1.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00				1	0	0.00				1	0	0.00
		Drinking Water	100.	2	0	0.00				1	0	0.00				1	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	1	0.50				1	1	1.00				1	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0114

NPS Station ID: INDU0114
LAT/LON: 41.638892/ -87.108892
Agency: 112WRD
Date Created: 04/14/78
Location: NIPSCO ASH POND NO 5 DUNE ACRES
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413820087063201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 23.210
Distance from RF1: 1.50
On/Off RF1: ON
RF3 Index: 04040001020000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/77-05/09/78	7	11.8	14.471	25.9	4.8	67.866	8.238	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/77-05/09/78	7	487.	480.571	577.	372.	5278.952	72.656	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/28/77-05/09/78	5	9.4	8.64	11.	4.4	6.508	2.551	**	**	**	**
00400	PH (STANDARD UNITS)	06/28/77-05/09/78	7	7.5	7.3	8.1	6.2	0.43	0.656	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/28/77-05/09/78	7	7.5	6.857	8.1	6.2	0.659	0.812	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/28/77-05/09/78	7	0.032	0.139	0.631	0.008	0.051	0.227	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/28/77-05/09/78	7	1.7	3.614	16.	0.	30.938	5.562	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/77-05/09/78	7	41.	36.214	64.	0.5	501.488	22.394	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/28/77-05/09/78	7	50.	44.	78.	0.	760.	27.568	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/29/77-05/09/78	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/28/77-05/09/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/77-05/09/78	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/77-05/09/78	7	200.	201.429	250.	170.	647.619	25.448	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/28/77-05/09/78	7	150.	162.857	210.	110.	1157.143	34.017	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/28/77-05/09/78	7	54.	55.714	75.	46.	82.238	9.069	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/28/77-05/09/78	7	15.	14.857	17.	12.	2.81	1.676	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/28/77-05/09/78	7	13.	13.686	18.	9.8	9.825	3.134	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/28/77-05/09/78	7	0.4	0.429	0.6	0.3	0.012	0.111	**	**	**	**
00932	SODIUM, PERCENT	06/28/77-05/09/78	7	14.	12.714	16.	8.	9.571	3.094	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/28/77-05/09/78	7	6.2	5.914	7.2	3.4	1.798	1.341	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/28/77-05/09/78	7	9.	10.286	13.	9.	2.905	1.704	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/28/77-05/09/78	7	180.	182.143	255.	120.	2098.81	45.813	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/28/77-05/09/78	7	0.2	0.171	0.2	0.1	0.002	0.049	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/28/77-05/09/78	7	2.3	1.971	3.6	0.7	1.469	1.212	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/16/77-05/09/78	4	825.	760.	1100.	290.	117800.	343.22	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/28/77-05/09/78	7	30.	1620.	11000.	5.	17114325.	4136.946	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/28/77-05/09/78	7	120.	125.	250.	5.	10258.333	101.283	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/28/77-05/09/78	7	308.	308.857	374.	249.	2158.476	46.459	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/28/77-05/09/78	7	0.42	0.423	0.52	0.34	0.004	0.066	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0114

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
00400	PH	Other-Hi Lim.	9.	7	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	7	1	0.14	2	0	0.00	1	0	0.00	3	1	0.33	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	7	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0115

NPS Station ID: INDU0115
LAT/LON: 41.628893/ -87.110282
Agency: 112WRD
Date Created: 04/14/78
Location: DEEP WELL 105, BURNS HARBOR, IND.
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413744087063702
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 8.60
On/Off RF1:
RF3 Index: 04040001002100.00
RF3 Mile Point: 8.40
Distance from RF3: 0.45
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/77-05/09/78	11	10.5	10.882	12.9	9.	1.792	1.339	9.12	9.6	11.9	12.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/77-05/09/78	11	825.	792.545	900.	638.	7771.873	88.158	646.8	738.	873.	897.6
00300	OXYGEN, DISSOLVED MG/L	04/15/77-05/09/78	10	0.85	3.03	11.4	0.2	14.791	3.846	0.21	0.45	4.975	11.05
00400	PH (STANDARD UNITS)	04/15/77-05/09/78	11	7.7	7.755	8.2	6.7	0.185	0.43	6.86	7.6	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	04/15/77-05/09/78	11	7.7	7.485	8.2	6.7	0.265	0.515	6.86	7.6	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/77-05/09/78	11	0.02	0.033	0.2	0.006	0.003	0.056	0.006	0.008	0.025	0.166
00405	CARBON DIOXIDE (MG/L AS CO2)	04/15/77-05/09/78	11	7.3	10.609	57.	2.2	245.795	15.678	2.24	2.6	8.8	47.8
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/77-05/09/78	11	190.	188.182	220.	140.	616.364	24.827	142.	180.	210.	218.
00440	BICARBONATE ION (MG/L AS HCO3)	04/15/77-05/09/78	11	230.	228.182	270.	170.	936.364	30.6	172.	220.	250.	268.
00445	CARBONATE ION (MG/L AS CO3)	04/15/77-05/09/78	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/15/77-05/09/78	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/77-05/09/78	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/15/77-05/09/78	10	8.6	9.22	14.	4.1	10.366	3.22	4.3	7.075	13.	13.9
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/15/77-05/09/78	11	260.	259.091	280.	250.	89.091	9.439	250.	250.	260.	278.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/15/77-05/09/78	11	66.	72.727	120.	36.	772.818	27.8	37.2	50.	99.	118.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/77-05/09/78	11	64.	63.909	72.	57.	17.091	4.134	57.6	60.	67.	71.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/77-05/09/78	11	24.	24.091	25.	23.	0.291	0.539	23.2	24.	24.	25.
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/77-05/09/78	11	60.	58.091	75.	28.	212.091	14.563	30.4	50.	70.	74.4
00931	SODIUM ADSORPTION RATIO	04/15/77-05/09/78	11	1.6	1.582	2.1	0.7	0.182	0.426	0.78	1.3	1.9	2.08
00932	SODIUM, PERCENT	04/15/77-05/09/78	11	33.	32.273	40.	18.	42.818	6.544	19.4	29.	38.	39.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/77-05/09/78	11	3.	2.882	3.5	2.	0.276	0.525	2.06	2.3	3.4	3.5
00940	CHLORIDE,TOTAL IN WATER MG/L	04/15/77-05/09/78	11	130.	123.364	160.	51.	1179.255	34.34	58.	100.	150.	160.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/15/77-05/09/78	12	26.5	31.25	70.	8.	424.568	20.605	9.5	13.5	46.	68.2
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/15/77-05/09/78	11	0.3	0.327	0.5	0.2	0.012	0.11	0.2	0.2	0.4	0.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/77-05/09/78	11	7.1	7.445	9.2	5.8	1.429	1.195	5.92	6.4	8.8	9.16
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/15/77-05/09/78	11	2.	2.455	8.	0.5	4.623	2.15	0.5	1.	3.	7.2
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/30/77-08/30/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/30/77-08/30/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/15/77-10/11/77	5 ##	50.	100.	300.	50.	12500.	111.803	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/30/77-08/30/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/30/77-08/30/77	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/30/77-08/30/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/15/77-05/09/78	11	380.	411.818	830.	160.	36156.364	190.148	164.	270.	520.	770.
01021	BORON, SUSPENDED (UG/L AS B)	08/30/77-08/30/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/30/77-08/30/77	1	370.	370.	370.	370.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/15/77-05/09/78	11 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/30/77-08/30/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/77-08/30/77	2 ##	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/30/77-08/30/77	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/77-08/30/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/30/77-07/30/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/30/77-05/09/78	8 ##	1.	3.875	17.	0.	39.268	6.266	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/30/77-08/30/77	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/30/77-08/30/77	1	43000.	43000.	43000.	43000.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/15/77-05/09/78	11	80.	188.636	610.	5.	44730.455	211.496	8.	40.	450.	578.
01049	LEAD, DISSOLVED (UG/L AS PB)	04/15/77-05/09/78	11	3.	3.636	12.	0.	18.255	4.273	0.	0.	5.	11.6
01050	LEAD, SUSPENDED (UG/L AS PB)	08/30/77-08/30/77	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/30/77-08/30/77	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/30/77-08/30/77	1	370.	370.	370.	370.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/77-08/30/77	1	550.	550.	550.	550.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/15/77-05/09/78	11	200.	234.545	460.	100.	11327.273	106.43	108.	160.	330.	438.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/15/77-05/09/78	11	10.	16.273	44.	2.	190.218	13.792	2.6	5.	26.	42.2
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/30/77-08/30/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/15/77-05/09/78	11	3.	3.545	14.	0.	19.873	4.458	0.	0.	5.	13.
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/30/77-08/30/77	1	37.	37.	37.	37.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/30/77-08/30/77	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/15/77-05/09/78	11	710.	681.818	1000.	350.	36436.364	190.883	378.	530.	820.	974.
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/30/77-08/30/77	1	520.	520.	520.	520.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/15/77-05/09/78	11 ##	10.	16.364	60.	0.	265.455	16.293	0.	10.	20.	52.
01091	ZINC, SUSPENDED (UG/L ZN)	08/30/77-08/30/77	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/30/77-08/30/77	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/30/77-08/30/77	1	19000.	19000.	19000.	19000.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/15/77-05/09/78	11	50.	135.364	1000.	9.	83332.455	288.674	9.2	30.	70.	826.
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/30/77-08/30/77	1	19000.	19000.	19000.	19000.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/30/77-07/30/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/15/77-05/09/78	11	430.	422.545	469.	364.	1207.473	34.749	367.8	386.	457.	467.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/15/77-05/09/78	11	0.58	0.575	0.64	0.5	0.002	0.046	0.504	0.53	0.62	0.636
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/30/77-08/30/77	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/30/77-08/30/77	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/30/77-08/30/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: INDU0115

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	10	8	0.80	3	1	0.33	2	2	1.00	4	4	1.00	1	1	1.00
00400	PH	Other-Hi Lim.	9.	11	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	11	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	12	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	11	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
		Drinking Water	50.	11	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	5	0	0.00	1	0	0.00				2	0	0.00	2	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00										2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0115

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	11	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
		Drinking Water	5.	11	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00										2	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	8	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	1300.	8	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	11	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
		Drinking Water	5.	11	5	0.45	3	1	0.33	2	1	0.50	4	2	0.50	2	1	0.50
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	11	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
		Drinking Water	100.	11	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	11	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	1	1.00										1	1	1.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00										1	1	1.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00										2	0	0.00
		Drinking Water	2.	2	0	0.00										2	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0116

NPS Station ID: INDU0116
LAT/LON: 41.628893/ -87.110282
Agency: 112WRD
Date Created: 04/14/78
Location: SHALLOW WELL 106 DUNE ACRES, IND.
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413744087063701
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 3.60
On/Off RF1:
RF3 Index: 04040001050100.00
RF3 Mile Point: 0.80
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/77-08/26/81	15	10.9	10.793	13.5	7.9	2.952	1.718	8.32	9.3	12.2	13.44
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	02/19/81-08/26/81	3	390.	391.667	495.	290.	10508.333	102.51	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/77-08/26/81	15	740.	776.533	987.	625.	14514.267	120.475	631.	693.	890.	981.6
00300	OXYGEN, DISSOLVED MG/L	04/15/77-08/26/81	14	8.05	8.664	14.3	6.5	5.687	2.385	6.5	6.95	9.75	13.3
00400	PH (STANDARD UNITS)	04/15/77-08/26/81	15	7.6	7.48	8.2	6.6	0.176	0.42	6.72	7.2	7.7	7.96
00400	CONVERTED PH (STANDARD UNITS)	04/15/77-08/26/81	15	7.6	7.264	8.2	6.6	0.226	0.476	6.72	7.2	7.7	7.96
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/77-08/26/81	15	0.025	0.054	0.251	0.006	0.005	0.068	0.012	0.02	0.063	0.196
00403	PH, LAB, STANDARD UNITS SU	02/19/81-08/26/81	3	7.8	7.867	8.1	7.7	0.043	0.208	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/19/81-08/26/81	3	7.8	7.836	8.1	7.7	0.045	0.211	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-08/26/81	3	0.016	0.015	0.02	0.008	0.	0.006	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/15/77-05/09/78	12	9.3	23.133	84.	2.	687.884	26.228	3.38	7.175	37.75	77.7
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/77-05/09/78	12	210.	204.167	220.	160.	353.788	18.809	163.	210.	210.	220.
00440	BICARBONATE ION (MG/L AS HCO3)	04/15/77-05/09/78	12	260.	250.833	270.	200.	499.242	22.344	203.	250.	260.	270.
00445	CARBONATE ION (MG/L AS CO3)	04/15/77-05/09/78	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/15/77-04/15/77	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/15/77-05/09/78	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/15/77-05/09/78	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/15/77-05/09/78	11	3.3	3.518	11.	0.	8.112	2.848	0.2	1.5	4.1	9.68
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/15/77-08/26/81	15	320.	324.	360.	300.	354.286	18.822	300.	310.	330.	360.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/15/77-05/09/78	12	110.	113.083	170.	89.	505.174	22.476	89.6	97.75	127.5	158.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/77-08/26/81	15	78.	80.	92.	74.	29.286	5.412	74.6	75.	82.	90.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/77-08/26/81	15	30.	30.	32.	28.	1.714	1.309	28.	29.	31.	32.
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/77-08/26/81	15	30.	31.867	62.	20.	167.267	12.933	20.6	22.	34.	61.4
00931	SODIUM ADSORPTION RATIO	04/15/77-08/26/81	15	0.7	0.767	1.5	0.5	0.092	0.304	0.5	0.5	0.8	1.44
00932	SODIUM, PERCENT	04/15/77-08/26/81	15	17.	17.2	30.	12.	25.171	5.017	12.6	13.	18.	28.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/77-08/26/81	15	2.	1.96	2.4	1.7	0.037	0.192	1.7	1.8	2.	2.34
00940	CHLORIDE,TOTAL IN WATER MG/L	04/15/77-08/26/81	15	59.	70.067	120.	44.	626.21	25.024	45.8	49.	83.	120.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/15/77-08/26/81	15	63.	65.533	77.	59.	32.552	5.705	59.	62.	71.	75.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/15/77-08/26/81	15	0.1	0.077	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/77-08/26/81	15	12.	12.067	14.	11.	0.638	0.799	11.	12.	12.	13.4
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/17/77-08/26/81	14	1.	1.179	5.	0.	1.523	1.234	0.25	0.5	1.25	3.5
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/30/77-08/30/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/30/77-08/30/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/17/77-10/11/77	5 ##	50.	100.	300.	50.	12500.	111.803	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/30/77-08/30/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/30/77-08/30/77	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/30/77-08/30/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/17/77-08/26/81	14	80.	147.143	840.	30.	45037.363	212.22	30.	47.5	127.5	565.
01021	BORON, SUSPENDED (UG/L AS B)	08/30/77-08/30/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/30/77-08/30/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/17/77-08/26/81	14 ##	0.5	16.357	220.	0.	3436.055	58.618	0.	0.	2.	111.
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/30/77-08/30/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/77-08/30/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/30/77-08/30/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/77-08/30/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/30/77-07/30/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/30/77-05/09/78	8 ##	1.5	1.25	2.	0.	0.786	0.886	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/30/77-08/30/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/30/77-08/30/77	1	6000.	6000.	6000.	6000.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/15/77-08/26/81	15	20.	28.	150.	0.	1649.286	40.611	3.	5.	30.	114.
01049	LEAD, DISSOLVED (UG/L AS PB)	05/17/77-05/09/78	11 ##	1.	2.182	7.	0.	7.164	2.676	0.	0.	4.	7.
01050	LEAD, SUSPENDED (UG/L AS PB)	08/30/77-08/30/77	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/30/77-08/30/77	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/30/77-08/30/77	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/77-08/30/77	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/15/77-08/26/81	15 ##	5.	6.467	20.	1.	32.124	5.668	1.	5.	5.	20.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/17/77-08/26/81	14	1.	4.179	23.	0.	53.793	7.334	0.	0.5	3.75	20.5
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/30/77-08/30/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/30/77-08/30/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/17/77-08/26/81	14	1.	1.964	10.	0.	7.633	2.763	0.	0.	3.	7.5
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/30/77-08/30/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/30/77-08/30/77	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/17/77-08/26/81	14	100.	110.	190.	80.	1184.615	34.418	80.	80.	135.	170.
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/30/77-08/30/77	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/17/77-08/26/81	14	25.	41.571	170.	0.	2569.956	50.695	1.	10.	50.	150.
01091	ZINC, SUSPENDED (UG/L ZN)	08/30/77-08/30/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/30/77-08/30/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/30/77-08/30/77	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/17/77-08/26/81	14	20.	29.286	70.	10.	422.527	20.555	10.	10.	50.	65.
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/30/77-08/30/77	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/30/77-07/30/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	02/19/81-05/20/81	2	6.6	6.6	8.2	5.	5.12	2.263	**	**	**	**
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	02/19/81-05/20/81	2	0.5	0.5	0.7	0.3	0.08	0.283	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	02/19/81-08/26/81	3 ##	3.1	2.833	3.25	2.15	0.356	0.597	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	02/19/81-08/26/81	3 ##	0.2	0.567	1.3	0.2	0.403	0.635	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/15/77-08/26/81	15	410.	420.6	540.	348.	2676.829	51.738	361.2	383.	442.	521.4
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/15/77-05/09/78	12	0.555	0.544	0.6	0.47	0.001	0.037	0.479	0.52	0.56	0.597
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/30/77-08/30/77	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/30/77-08/30/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
75038	POTASSIUM 40, TOTAL	02/19/81-02/19/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	02/19/81-08/26/81	3 ##	6.	5.233	6.	3.7	1.763	1.328	**	**	**	**
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	02/19/81-08/26/81	3 ##	0.2	0.5	1.1	0.2	0.27	0.52	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	02/19/81-08/26/81	3 ##	3.	2.733	3.1	2.1	0.303	0.551	**	**	**	**
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	02/19/81-08/26/81	3 ##	0.2	0.533	1.2	0.2	0.333	0.577	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	05/20/81-08/26/81	2	1.4	1.4	1.5	1.3	0.02	0.141	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0116

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	14	0	0.00	3	0	0.00	3	0	0.00	6	0	0.00	2	0	0.00
00400	PH	Other-Hi Lim.	9.	15	0	0.00	3	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	15	0	0.00	3	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00				1	0	0.00	1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00				1	0	0.00	1	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	15	0	0.00	3	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	15	0	0.00	3	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	14	0	0.00	3	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00
		Drinking Water	50.	14	0	0.00	3	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	5	0	0.00	1	0	0.00				2	0	0.00	2	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00										2	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	14	1	0.07	3	0	0.00	3	0	0.00	5	1	0.20	3	0	0.00
		Drinking Water	5.	14	1	0.07	3	0	0.00	3	0	0.00	5	1	0.20	3	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00										2	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	8	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	1300.	8	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	11	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00
		Drinking Water	5.	11	2	0.18	3	0	0.00	2	0	0.00	4	2	0.50	2	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	14	0	0.00	3	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00
		Drinking Water	100.	14	0	0.00	3	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	14	2	0.14	3	1	0.33	3	0	0.00	5	1	0.20	3	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00										2	0	0.00
		Drinking Water	2.	2	0	0.00										2	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0117

NPS Station ID: INDU0117
LAT/LON: 41.641670/ -87.110838
Agency: 112WRD
Date Created: 04/14/78
Location: DRIVE POINT D3 DUNE ACRES IND.
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413830087063901
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001019400.00
RF3 Mile Point: 2.65
Distance from RF3: 0.13
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/77-06/29/77	1	21.7	21.7	21.7	21.7	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/77-06/29/77	1	919.	919.	919.	919.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/29/77-06/29/77	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/29/77-06/29/77	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/29/77-06/29/77	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/29/77-06/29/77	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/29/77-04/06/78	3	53.	52.333	69.	35.	289.333	17.01	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/29/77-04/06/78	3	64.	63.667	84.	43.	420.333	20.502	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/29/77-04/06/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/29/77-04/06/78	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/13/77-04/06/78	2	295.	295.	300.	290.	50.	7.071	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/13/77-04/06/78	2	245.	245.	270.	220.	1250.	35.355	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/13/77-04/06/78	2	85.5	85.5	87.	84.	4.5	2.121	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/13/77-04/06/78	2	20.	20.	22.	18.	8.	2.828	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/13/77-04/06/78	2	14.	14.	14.	14.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/13/77-04/06/78	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/13/77-04/06/78	2	9.	9.	9.	9.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/13/77-04/06/78	2	12.5	12.5	15.	10.	12.5	3.536	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/29/77-04/06/78	3	10.	10.	11.	9.	1.	1.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/29/77-04/06/78	3	260.	323.333	460.	250.	14033.333	118.462	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/29/77-04/06/78	3	0.1	0.083	0.1	0.05	0.001	0.029	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/29/77-04/06/78	3	4.2	3.5	4.4	1.9	1.93	1.389	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/06/78-04/06/78	1	2100.	2100.	2100.	2100.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/13/77-04/06/78	2	80.	80.	120.	40.	3200.	56.569	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/13/77-04/06/78	2	340.	340.	470.	210.	33800.	183.848	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/13/77-04/06/78	2	432.	432.	442.	422.	200.	14.142	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/13/77-04/06/78	2	0.585	0.585	0.6	0.57	0.	0.021	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0117

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0117

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	1	0.33	1	0	0.00				2	1	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0118

NPS Station ID: INDU0118
LAT/LON: 41.641670/ -87.111392
Agency: 112WRD
Date Created: 03/04/77
Location: NE CORNER OF INTERDUNAL POND B A
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413830087064101
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 21.650
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001060600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0118

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/76-04/05/78	7	15.4	18.229	29.8	3.4	113.889	10.672	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/76-04/05/78	7	844.	838.571	995.	678.	10869.952	104.259	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/29/76-04/05/78	7	8.1	8.429	12.4	5.6	7.956	2.821	**	**	**	**
00400	PH (STANDARD UNITS)	09/29/76-04/05/78	6	7.15	7.1	7.5	6.7	0.124	0.352	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/29/76-04/05/78	6	7.125	6.985	7.5	6.7	0.14	0.374	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/76-04/05/78	6	0.075	0.103	0.2	0.032	0.006	0.078	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/29/76-04/05/78	4	6.15	6.825	13.	2.	22.376	4.73	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/29/76-04/05/78	5	34.	34.6	47.	21.	91.3	9.555	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/29/76-04/05/78	5	41.	42.	57.	25.	140.	11.832	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	09/29/76-04/05/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/29/77-04/05/78	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/29/77-04/05/78	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/29/76-08/31/77	2	8.25	8.25	10.	6.5	6.125	2.475	**	**	**	**
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	05/18/77-05/18/77	1	379.	379.	379.	379.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/29/76-04/05/78	5	370.	380.	480.	290.	6350.	79.687	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/29/76-04/05/78	5	330.	348.	440.	260.	6270.	79.183	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/29/76-04/05/78	5	110.	113.6	150.	85.	712.3	26.689	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/76-04/05/78	5	26.	23.6	29.	15.	29.3	5.413	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/29/76-04/05/78	5	16.	15.4	17.	12.	4.3	2.074	**	**	**	**
00931	SODIUM ADSORPTION RATIO	09/29/76-04/05/78	5	0.3	0.34	0.4	0.3	0.003	0.055	**	**	**	**
00932	SODIUM, PERCENT	09/29/76-04/05/78	5	8.	7.8	10.	6.	2.2	1.483	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/29/76-04/05/78	5	16.	17.4	24.	13.	16.8	4.099	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/29/76-04/05/78	5	10.	31.6	120.	9.	2442.3	49.42	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/29/76-04/05/78	5	350.	372.	450.	300.	5420.	73.621	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/29/76-04/05/78	5	0.2	0.22	0.3	0.1	0.007	0.084	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/29/76-04/05/78	5	1.1	1.38	2.5	0.4	0.937	0.968	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/29/76-08/31/77	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	05/18/77-05/18/77	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/29/76-08/31/77	2 ##	125.	125.	200.	50.	11250.	106.066	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	05/18/77-05/18/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/29/76-08/31/77	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/31/77-04/05/78	2	3100.	3100.	3400.	2800.	180000.	424.264	**	**	**	**

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Parameter Inventory for Station: INDU0118

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	1	3700.	3700.	3700.	3700.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/29/76-08/31/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/18/77-05/18/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/29/76-08/31/77	2 ##	5.	5.	10.	0.	50.	7.071	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/29/76-09/29/76	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/29/76-08/31/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/29/76-08/31/77	2	220.	220.	370.	70.	45000.	212.132	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/29/76-04/05/78	5	120.	99.	150.	5.	3830.	61.887	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/29/76-08/31/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	05/18/77-05/18/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/29/76-08/31/77	2	100.	100.	180.	20.	12800.	113.137	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/29/76-04/05/78	5	40.	140.	500.	5.	44037.5	209.851	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/29/76-08/31/77	2	41.	41.	45.	37.	32.	5.657	**	**	**	**
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	05/18/77-05/18/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/29/76-08/31/77	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	05/18/77-05/18/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/29/76-08/31/77	2	430.	430.	540.	320.	24200.	155.563	**	**	**	**
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	1	280.	280.	280.	280.	0.	0.	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	05/18/77-05/18/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/29/76-08/31/77	2 ##	5.	5.	10.	0.	50.	7.071	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	05/18/77-05/18/77	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/29/76-08/31/77	2 ##	45.	45.	50.	40.	50.	7.071	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	05/18/77-05/18/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/29/76-09/29/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/29/76-04/05/78	5	550.	597.6	816.	466.	20973.3	144.822	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/29/76-04/05/78	5	0.75	0.814	1.11	0.63	0.039	0.197	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/29/76-08/31/77	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: INDU0118

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	7	0	0.00	3	0	0.00				3	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	6	0	0.00	3	0	0.00				2	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00	3	0	0.00				2	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	2	0	0.00				2	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	5	2	0.40	2	1	0.50				2	1	0.50	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0118

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	50.	2	0	0.00	1	0	0.00							1	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00							1	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00	1	0	0.00							1	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	5.	2	0	0.00	1	0	0.00							1	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00							1	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	1300.	2	0	0.00	1	0	0.00							1	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	5.	2	0	0.00	1	0	0.00							1	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	100.	2	0	0.00	1	0	0.00							1	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00							1	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	2.	2	0	0.00	1	0	0.00							1	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0119

NPS Station ID: INDU0119
LAT/LON: 41.643892/ -87.112504
Agency: 112WRD
Date Created: 04/14/78
Location: DRIVE POINT D2 DUNE ACRES IND.
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413838087064501
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.90
On/Off RF1:
RF3 Index: 04040001019400.00
RF3 Mile Point: 2.58
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/77-06/29/77	1	20.2	20.2	20.2	20.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/77-10/13/77	2	865.5	865.5	882.	849.	544.5	23.335	**	**	**	**
00400	PH (STANDARD UNITS)	06/29/77-06/29/77	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/29/77-06/29/77	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/29/77-06/29/77	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/29/77-06/29/77	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/29/77-04/06/78	3	78.	74.333	81.	64.	82.333	9.074	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/29/77-04/06/78	3	95.	90.667	99.	78.	124.333	11.15	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/29/77-04/06/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/29/77-04/06/78	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/29/77-04/06/78	3	320.	340.	390.	310.	1900.	43.589	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/29/77-04/06/78	3	260.	270.	320.	230.	2100.	45.826	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/29/77-04/06/78	3	88.	93.	110.	81.	229.	15.133	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/29/77-04/06/78	3	27.	27.	29.	25.	4.	2.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/29/77-04/06/78	3	15.	16.333	21.	13.	17.333	4.163	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/29/77-04/06/78	3	0.3	0.367	0.5	0.3	0.013	0.115	**	**	**	**
00932	SODIUM, PERCENT	06/29/77-04/06/78	3	8.	9.	12.	7.	7.	2.646	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/29/77-04/06/78	3	7.6	9.4	14.	6.6	16.12	4.015	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/29/77-04/06/78	3	10.	11.	13.	10.	3.	1.732	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/29/77-04/06/78	3	290.	296.667	330.	270.	933.333	30.551	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/29/77-04/06/78	3	0.1	0.083	0.1	0.05	0.001	0.029	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/29/77-04/06/78	3	3.8	3.767	4.9	2.6	1.323	1.15	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/06/78-04/06/78	1	2700.	2700.	2700.	2700.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/29/77-04/06/78	3	330.	266.667	430.	40.	41033.333	202.567	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/29/77-04/06/78	3	130.	573.333	1500.	90.	644433.333	802.766	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/29/77-04/06/78	3	482.	504.	559.	471.	2299.	47.948	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/29/77-04/06/78	3	0.66	0.687	0.76	0.64	0.004	0.064	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0119

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0119

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0120

NPS Station ID: INDU0120
LAT/LON: 41.640281/ -87.112781
Agency: 112WRD
Date Created: 01/25/77
Location: INTER DUNAL POND B EAST SIDE AT
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413825087064601
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 21.790
Distance from RF1: 4.00
On/Off RF1: ON
RF3 Index: 04040001020100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/75-10/12/77	7	19.	17.429	30.1	3.3	79.639	8.924	**	**	**	**
00065	STAGE, STREAM (FEET)	02/04/75-05/05/75	2	0.91	0.91	0.98	0.84	0.01	0.099	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/75-10/12/77	7	833.	752.571	995.	520.	36264.952	190.434	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/11/76-10/12/77	6	10.65	10.183	13.	6.1	7.158	2.675	**	**	**	**
00400	PH (STANDARD UNITS)	05/11/76-10/12/77	5	7.5	7.48	8.3	6.7	0.602	0.776	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/11/76-10/12/77	5	7.5	7.054	8.3	6.7	0.829	0.911	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/76-10/12/77	5	0.032	0.088	0.2	0.005	0.01	0.102	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/29/76-10/12/77	2	7.6	7.6	12.	3.2	38.72	6.223	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/29/76-10/12/77	3	30.	35.667	52.	25.	206.333	14.364	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/29/76-10/12/77	3	37.	43.667	64.	30.	322.333	17.954	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	10/12/77-10/12/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/29/77-06/29/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/29/77-06/29/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/29/77-10/12/77	2	420.	420.	420.	420.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/29/77-10/12/77	2	385.	385.	390.	380.	50.	7.071	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/29/76-10/12/77	3	130.	133.333	150.	120.	233.333	15.275	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/29/77-10/12/77	2	25.5	25.5	29.	22.	24.5	4.95	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/29/77-10/12/77	2	16.5	16.5	17.	16.	0.5	0.707	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/29/77-10/12/77	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	06/29/77-10/12/77	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/29/77-10/12/77	2	19.	19.	20.	18.	2.	1.414	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/29/77-10/12/77	2	9.5	9.5	10.	9.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/29/76-10/12/77	3	430.	433.333	470.	400.	1233.333	35.119	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/29/77-10/12/77	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/29/77-10/12/77	2	3.45	3.45	3.8	3.1	0.245	0.495	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/29/77-10/12/77	2	85.	85.	90.	80.	50.	7.071	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/29/77-10/12/77	2	65.	65.	100.	30.	2450.	49.497	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/29/76-09/29/76	1	764.	764.	764.	764.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/29/77-10/12/77	2	631.	631.	642.	620.	242.	15.556	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/29/76-10/12/77	3	0.87	0.917	1.04	0.84	0.012	0.108	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0120

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	6	0	0.00	3	0	0.00				3	0	0.00			
00400	PH	Other-Hi Lim.	9.	5	0	0.00	3	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	3	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	3	1.00	2	2	1.00				1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0121

NPS Station ID: INDU0121
LAT/LON: 41.641115/ -87.113060
Agency: 112WRD
Date Created: 12/29/77
Location: N-CENTER OF INTERDUNAL POND B
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413828087064701
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 21.650
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001019600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/77-08/31/77	1	28.5	28.5	28.5	28.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/77-08/31/77	1	749.	749.	749.	749.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/31/77-08/31/77	1	12.1	12.1	12.1	12.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/31/77-08/31/77	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/31/77-08/31/77	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/77-08/31/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/77-08/31/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/31/77-08/31/77	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/77-08/31/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/31/77-08/31/77	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/31/77-08/31/77	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/77-08/31/77	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/77-08/31/77	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/77-08/31/77	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/31/77-08/31/77	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/77-08/31/77	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/77-08/31/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/77-08/31/77	1	310.	310.	310.	310.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/77-08/31/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/77-08/31/77	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/31/77-08/31/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/77-08/31/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/31/77-08/31/77	1	2800.	2800.	2800.	2800.	0.	0.	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	1	400.	400.	400.	400.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	1	3200.	3200.	3200.	3200.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/77-08/31/77	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	1 ##	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/31/77-08/31/77	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/31/77-08/31/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/31/77-08/31/77	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/77-08/31/77	1	320.	320.	320.	320.	0.	0.	**	**	**	**
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	1	290.	290.	290.	290.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/31/77-08/31/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/31/77-08/31/77	1	488.	488.	488.	488.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/31/77-08/31/77	1	0.66	0.66	0.66	0.66	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	08/31/77-08/31/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0121

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0121

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0122

NPS Station ID: INDU0122
LAT/LON: 41.638615/ -87.113060
Agency: 112WRD
Date Created: 11/18/75
Location: NIPSCO ASH POND NO 4 AT DUNE ACRES IND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 413819087064700
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 21.790
Distance from RF1: 5.10
On/Off RF1: ON
RF3 Index: 04040001020100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/24/74-05/09/78	23	10.5	11.452	25.3	2.5	58.374	7.64	2.7	4.	15.5	23.74
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-05/09/78	24	640.5	656.292	1300.	370.	56947.868	238.638	384.5	480.5	727.25	1082.
00300	OXYGEN, DISSOLVED MG/L	11/13/74-05/09/78	16	8.4	8.4	12.8	4.4	7.908	2.812	4.61	5.55	10.05	12.66
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/74-11/13/74	2	111.	111.	111.	111.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/28/74-05/09/78	18	6.9	6.556	7.9	4.3	1.154	1.074	4.57	5.85	7.35	7.63
00400	CONVERTED PH (STANDARD UNITS)	08/28/74-05/09/78	18	6.889	5.298	7.9	4.3	2.828	1.682	4.57	5.85	7.35	7.63
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/74-05/09/78	18	0.129	5.032	50.119	0.013	164.346	12.82	0.024	0.045	1.443	27.619
00405	CARBON DIOXIDE (MG/L AS CO2)	08/28/74-05/09/78	12	3.95	10.167	50.	0.	236.995	15.395	0.	0.925	11.975	44.6
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/24/74-05/09/78	14	21.	23.929	64.	0.5	278.495	16.688	0.5	14.75	35.5	52.5
00440	BICARBONATE ION (MG/L AS HCO3)	01/24/74-05/09/78	14	25.	28.929	78.	0.	420.841	20.514	0.	18.25	43.5	64.
00445	CARBONATE ION (MG/L AS CO3)	08/28/74-05/09/78	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00600	NITROGEN, TOTAL (MG/L AS N)	06/23/76-06/23/76	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/23/76-06/23/76	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/76-06/23/76	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/23/76-06/23/76	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/23/76-06/23/76	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/76-06/23/76	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/76-06/23/76	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/28/77-05/09/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/28/74-06/23/76	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/77-05/09/78	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/23/76-05/09/78	2	6.45	6.45	10.	2.9	25.205	5.02	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/24/74-05/09/78	14	225.	241.429	440.	160.	5597.802	74.818	165.	187.5	292.5	375.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	01/24/74-05/09/78	14	210.	218.571	420.	130.	5951.648	77.147	135.	150.	265.	355.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/24/74-05/09/78	14	58.5	63.214	120.	46.	372.797	19.308	46.5	50.5	72.25	100.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/24/74-05/09/78	14	17.5	20.357	35.	12.	59.786	7.732	12.	14.5	29.25	33.
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/24/74-05/09/78	14	16.5	15.45	20.	9.3	10.743	3.278	9.65	12.75	18.	19.5
00931	SODIUM ADSORPTION RATIO	01/24/74-05/09/78	14	0.45	0.45	0.7	0.3	0.013	0.116	0.3	0.375	0.5	0.65
00932	SODIUM, PERCENT	01/24/74-05/09/78	14	12.	12.214	20.	7.	15.258	3.906	7.	9.	15.25	18.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/24/74-05/09/78	14	8.4	10.643	23.	3.4	37.78	6.147	4.2	6.35	15.	22.5
00940	CHLORIDE,TOTAL IN WATER MG/L	01/24/74-05/09/78	14	9.5	9.786	12.	6.	3.258	1.805	7.	8.75	11.25	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/24/74-05/09/78	14	235.	252.857	440.	130.	7421.978	86.151	140.	190.	320.	390.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/11/77-05/09/78	10	0.2	0.2	0.3	0.1	0.002	0.047	0.11	0.2	0.2	0.29
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/11/77-05/09/78	10	2.45	2.67	3.9	1.5	0.831	0.912	1.53	1.8	3.65	3.89
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/09/78-05/09/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/16/77-05/09/78	6	880.	1116.667	2300.	680.	369986.667	608.265	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/09/78-05/09/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/09/78-05/09/78	1	16.	16.	16.	16.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	06/23/76-06/23/76	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	02/11/77-05/09/78	10	175.	3208.	27000.	20.	70641728.889	8404.863	20.	27.5	1975.	24550.
01049	LEAD, DISSOLVED (UG/L AS PB)	05/09/78-05/09/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/23/76-06/23/76	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/11/77-05/09/78	10	150.	154.	220.	90.	1448.889	38.064	93.	127.5	177.5	218.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/09/78-05/09/78	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/09/78-05/09/78	1	44.	44.	44.	44.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/09/78-05/09/78	1	380.	380.	380.	380.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/09/78-05/09/78	1	410.	410.	410.	410.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/09/78-05/09/78	1	70.	70.	70.	70.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/23/76-06/23/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/23/76-06/23/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/23/76-06/23/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	06/23/76-06/23/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			10.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/11/77-05/09/78	10	371.	381.9	501.	233.	8968.1	94.7	239.7	300.75	474.25	498.7
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/11/77-05/09/78	10	0.5	0.519	0.68	0.32	0.016	0.128	0.329	0.41	0.643	0.677
71887	NITROGEN, TOTAL, AS NO3 - MG/L	06/23/76-06/23/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: INDU0122

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	16	0	0.00	5	0	0.00	3	0	0.00	7	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	18	0	0.00	6	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	18	7	0.39	6	3	0.50	4	1	0.25	6	3	0.50	2	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	14	0	0.00	3	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	14	1	0.07	3	0	0.00	5	0	0.00	4	0	0.00	2	1	0.50
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	1	1.00							1	1	1.00			
		Drinking Water	5.	1	1	1.00							1	1	1.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00							1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0123

NPS Station ID: INDU0123
LAT/LON: 41.638615/ -87.113337
Agency: 112WRD
Date Created: 03/04/77
Location: NIPSCO ASH SETTLING POND NO 3 AT
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413819087064801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 21.790
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001037800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/73-05/09/78	19	13.	14.353	29.	0.8	88.287	9.396	1.	5.2	25.3	26.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/01/73-05/09/78	20	729.	775.	1230.	380.	53341.474	230.958	473.	601.25	984.25	1109.
00300	OXYGEN, DISSOLVED MG/L	08/28/74-05/09/78	15	10.2	9.273	12.8	3.4	7.892	2.809	3.88	7.3	11.2	12.5
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/28/74-11/13/74	2	97.5	97.5	100.	95.	12.5	3.536	**	**	**	**
00400	PH (STANDARD UNITS)	08/01/73-05/09/78	18	5.9	5.922	7.7	3.2	1.544	1.243	4.01	5.05	7.1	7.43
00400	CONVERTED PH (STANDARD UNITS)	08/01/73-05/09/78	18	5.889	4.368	7.7	3.2	4.101	2.025	4.01	5.05	7.1	7.43
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/73-05/09/78	18	1.292	42.816	630.957	0.02	21901.606	147.992	0.038	0.079	9.105	134.585
00405	CARBON DIOXIDE (MG/L AS CO2)	09/28/76-05/09/78	15	1.3	15.253	153.	0.	1577.777	39.721	0.	0.	5.1	85.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/28/76-05/09/78	16	1.	6.594	38.	0.5	113.474	10.652	0.5	0.5	9.5	28.9
00435	ACIDITY, TOTAL (MG/L AS CACO3)	04/12/77-11/16/77	2	79.	79.	84.	74.	50.	7.071	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/28/76-05/09/78	16	1.	7.688	46.	0.	171.029	13.078	0.	0.	11.5	34.8
00445	CARBONATE ION (MG/L AS CO3)	09/28/76-05/09/78	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/10/77-02/10/77	1	670.	670.	670.	670.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/10/77-02/10/77	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/12/77-05/09/78	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/12/77-05/09/78	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/28/76-05/09/78	11	4.2	5.718	16.	1.	17.488	4.182	1.36	3.	7.	14.74
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	09/28/76-02/10/77	2	7.4	7.4	11.	3.8	25.92	5.091	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	02/10/77-02/10/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/28/76-05/09/78	16	325.	358.75	530.	200.	11038.333	105.063	228.	282.5	477.5	509.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/28/76-05/09/78	16	320.	352.5	530.	200.	10673.333	103.312	221.	282.5	455.	509.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/28/76-05/09/78	16	90.	98.188	170.	62.	909.629	30.16	64.1	75.25	117.5	149.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/28/76-05/09/78	16	22.5	27.438	52.	12.	145.996	12.083	15.5	19.	37.	50.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/28/76-05/09/78	16	19.5	18.875	27.	11.	19.45	4.41	13.1	14.25	22.	24.9
00931	SODIUM ADSORPTION RATIO	09/28/76-05/09/78	16	0.4	0.437	0.7	0.3	0.011	0.102	0.3	0.4	0.5	0.56
00932	SODIUM, PERCENT	09/28/76-05/09/78	16	10.	9.938	17.	5.	6.463	2.542	7.1	8.25	11.	13.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/28/76-05/09/78	16	19.	19.4	36.	9.4	52.24	7.228	10.52	12.75	24.75	29.7
00940	CHLORIDE,TOTAL IN WATER MG/L	09/28/76-05/09/78	16	10.	10.25	12.	9.	1.	1.	9.	9.25	11.	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/28/76-05/09/78	16	375.	414.375	650.	260.	14986.25	122.418	288.	305.	530.	608.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/28/76-05/09/78	16	0.3	0.344	0.8	0.2	0.029	0.171	0.2	0.2	0.5	0.59
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/28/76-05/09/78	16	5.55	5.875	11.	2.5	7.617	2.76	2.71	3.6	7.95	11.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/28/76-05/09/78	13	3.	4.308	10.	0.5	8.189	2.862	0.5	2.5	6.5	9.2
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/30/77-08/30/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/30/77-08/30/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/28/76-02/10/77	2	23.5	23.5	30.	17.	84.5	9.192	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/28/76-10/12/77	7	200.	185.714	300.	50.	10595.238	102.933	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/30/77-08/30/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/28/76-02/10/77	2	220.	220.	330.	110.	24200.	155.563	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/28/76-08/30/77	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/30/77-08/30/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/28/76-09/28/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	02/10/77-05/09/78	12	3050.	3292.5	7700.	710.	4101584.091	2025.237	827.	1625.	4500.	7040.
01021	BORON, SUSPENDED (UG/L AS B)	08/30/77-08/30/77	1	600.	600.	600.	600.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/30/77-08/30/77	1	5200.	5200.	5200.	5200.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/28/76-05/09/78	13	59.	116.615	800.	0.	44378.09	210.661	0.8	27.	105.	548.
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/30/77-08/30/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/28/76-02/10/77	2	3.	3.	6.	0.	18.	4.243	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/28/76-09/28/76	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/28/76-08/30/77	3 ##	8.	6.	10.	0.	28.	5.292	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/30/77-08/30/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/77-08/30/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/28/76-07/29/77	2	14.	14.	21.	7.	98.	9.899	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	09/28/76-09/28/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/28/76-05/09/78	9	130.	139.667	310.	0.	10763.5	103.747	0.	43.5	220.	310.
01041	COPPER, SUSPENDED (UG/L AS CU)	08/30/77-08/30/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/28/76-09/28/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/28/76-08/30/77	2	705.	705.	1000.	410.	174050.	417.193	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/28/76-05/09/78	16	350.	1915.938	11000.	5.	10290364.063	3207.86	15.5	80.	2825.	8550.
01049	LEAD, DISSOLVED (UG/L AS PB)	09/28/76-05/09/78	13	14.	18.077	74.	0.	468.744	21.65	0.	0.5	28.5	60.8
01050	LEAD, SUSPENDED (UG/L AS PB)	08/30/77-08/30/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/30/77-08/30/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/28/76-02/10/77	2	40.5	40.5	60.	21.	760.5	27.577	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/28/76-02/10/77	2	70.	70.	120.	20.	5000.	70.711	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	09/28/76-08/30/77	2	135.	135.	200.	70.	8450.	91.924	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/28/76-05/09/78	16	195.	200.	370.	30.	9626.667	98.116	51.	140.	285.	335.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/28/76-05/09/78	13	30.	183.154	1600.	1.	193236.808	439.587	1.4	6.	117.5	1116.
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/30/77-08/30/77	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/30/77-08/30/77	1	450.	450.	450.	450.	0.	0.	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/28/76-02/10/77	2	115.	115.	150.	80.	2450.	49.497	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/28/76-05/09/78	13	99.	96.308	170.	29.	2224.897	47.169	36.2	49.	140.	166.
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/30/77-08/30/77	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/28/76-02/10/77	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/28/76-05/09/78	13	430.	433.077	740.	260.	17723.077	133.128	268.	325.	490.	684.
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/30/77-08/30/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/30/77-08/30/77	1	460.	460.	460.	460.	0.	0.	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	09/28/76-02/10/77	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/28/76-05/09/78	13	900.	846.923	1600.	60.	271389.744	520.951	68.	410.	1250.	1600.
01091	ZINC, SUSPENDED (UG/L ZN)	08/30/77-08/30/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/30/77-08/30/77	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/28/76-02/10/77	2	85.	85.	90.	80.	50.	7.071	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/30/77-08/30/77	1	540.	540.	540.	540.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/28/76-05/09/78	13	800.	1163.077	3500.	20.	1593106.41	1262.183	28.	150.	2150.	3420.
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/30/77-08/30/77	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/28/76-02/10/77	2	4200.	4200.	5500.	2900.	3380000.	1838.478	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/28/76-07/29/77	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/28/76-09/28/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/28/76-09/28/76	1	5900.	5900.	5900.	5900.	0.	0.	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	02/10/77-02/10/77	1	19.	19.	19.	19.	0.	0.	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	02/10/77-02/10/77	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/28/76-05/09/78	16	550.	605.75	921.	392.	28315.4	168.272	425.6	454.5	767.25	855.9
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/28/76-05/09/78	16	0.75	0.824	1.25	0.53	0.053	0.229	0.579	0.62	1.048	1.166
71825	ACIDITY, TOTAL (MG/L AS H)	04/12/77-11/16/77	2	1.6	1.6	1.7	1.5	0.02	0.141	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/28/76-08/30/77	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/30/77-08/30/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/28/76-02/10/77	2 ##	0.125	0.125	0.25	0.	0.031	0.177	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	02/10/77-02/10/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	02/10/77-02/10/77	1	24.	24.	24.	24.	0.	0.	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	02/10/77-02/10/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	02/10/77-02/10/77	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0123

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	15	1	0.07	5	0	0.00	3	0	0.00	5	0	0.00	2	1	0.50
00400	PH	Other-Hi Lim.	9.	18	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	18	11	0.61	5	3	0.60	4	2	0.50	5	5	1.00	4	1	0.25
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	16	0	0.00	4	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	16	8	0.50	4	1	0.25	4	1	0.25	6	4	0.67	2	2	1.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	13	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00
		Drinking Water	50.	13	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	7	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	3	0	0.00	1	0	0.00							2	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	13	11	0.85	4	3	0.75	4	4	1.00	3	3	1.00	2	1	0.50
		Drinking Water	5.	13	11	0.85	4	3	0.75	4	4	1.00	3	3	1.00	2	1	0.50
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00	1	0	0.00							2	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	9	7	0.78	3	2	0.67	2	2	1.00	2	2	1.00	2	1	0.50
		Drinking Water	1300.	9	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	13	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00
		Drinking Water	5.	13	7	0.54	4	2	0.50	4	1	0.25	3	3	1.00	2	1	0.50
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	13	0	0.00	4	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00
		Drinking Water	100.	12 &	5	0.42	3	0	0.00	4	2	0.50	3	2	0.67	2	1	0.50
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	13	11	0.85	4	3	0.75	4	4	1.00	3	3	1.00	2	1	0.50
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00										1	1	1.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	50.	2	0	0.00	1	0	0.00							1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0123

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	3	0	0.00	1	0	0.00							2	0	0.00
		Drinking Water	2.	3	0	0.00	1	0	0.00							2	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0124

NPS Station ID: INDU0124
LAT/LON: 41.639171/ -87.113893
Agency: 112WRD
Date Created: 04/14/78
Location: PRECIP STATION #1 NR. INTER-DUNAL POND 2
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413821087065002
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 04040001019900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/19/80-04/26/83	3	15.2	14.533	18.4	10.	17.973	4.239	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	02/19/80-04/20/82	2	64.	64.	193.	-65.	33282.	182.434	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/20/77-04/26/83	6	629.5	743.667	1790.	27.	625557.067	790.922	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	02/19/80-04/26/83	3	0.6	0.667	1.	0.4	0.093	0.306	**	**	**	**
00400	PH (STANDARD UNITS)	04/20/77-04/26/83	5	6.5	6.3	6.7	5.5	0.26	0.51	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/20/77-04/26/83	5	6.5	6.029	6.7	5.5	0.351	0.593	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/77-04/26/83	5	0.316	0.934	3.162	0.2	1.611	1.269	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/20/82-04/26/83	2	6.35	6.35	6.4	6.3	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/20/82-04/26/83	2	6.347	6.347	6.4	6.3	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/20/82-04/26/83	2	0.45	0.45	0.501	0.398	0.005	0.073	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/20/77-06/28/77	2	43.	43.	71.	15.	1568.	39.598	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/20/77-02/19/80	3	11.	50.333	130.	10.	4760.333	68.995	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/20/77-10/12/77	2	13.	13.	14.	12.	2.	1.414	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/28/77-10/12/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	04/20/77-10/12/77	2	201.	201.	360.	42.	50562.	224.86	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/19/80-02/19/80	1	870.	870.	870.	870.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/20/77-02/19/80	2	131.1	131.1	260.	2.2	33230.42	182.292	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/28/77-06/28/77	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/19/80-02/19/80	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/20/77-06/28/77	2	0.9	0.9	1.	0.8	0.02	0.141	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	04/20/77-06/28/77	2	0.65	0.65	1.	0.3	0.245	0.495	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/19/80-02/19/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	02/19/80-02/19/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	02/19/80-02/19/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/19/80-02/19/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	04/20/77-06/28/77	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/20/77-02/19/80	3	1.	5.233	14.	0.7	57.663	7.594	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/20/77-02/19/80	3	9.	272.333	800.	8.	208824.333	456.973	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/19/80-02/19/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/20/77-02/19/80	3	1.1	6.	16.	0.9	75.01	8.661	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/19/80-04/26/83	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/20/77-10/12/77	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/20/77-10/12/77	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	02/19/80-04/26/83	3	1100.	1390.	2100.	970.	382300.	618.304	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	04/20/77-10/12/77	2	19.5	19.5	30.	9.	220.5	14.849	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/19/80-04/26/83	3	1.	2.	4.	1.	3.	1.732	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/20/77-10/12/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/20/77-10/12/77	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01037	COBALT, TOTAL (UG/L AS CO)	04/20/77-10/12/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/20/77-10/12/77	2	7.	7.	8.	6.	2.	1.414	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/20/77-10/12/77	2	1230.	1230.	1900.	560.	897800.	947.523	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	02/19/80-02/19/80	1	19000.	19000.	19000.	19000.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/20/77-10/12/77	2	18.5	18.5	21.	16.	12.5	3.536	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/20/77-10/12/77	2	105.	105.	120.	90.	450.	21.213	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/19/80-02/19/80	1	1900.	1900.	1900.	1900.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/20/82-04/26/83	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	04/20/77-10/12/77	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/19/80-02/19/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/20/77-10/12/77	2	9.	9.	11.	7.	8.	2.828	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/19/80-02/19/80	1	630.	630.	630.	630.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	04/20/77-10/12/77	2 ##	37.5	37.5	70.	5.	2112.5	45.962	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/19/80-04/26/83	3	30.	22.333	30.	7.	176.333	13.279	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/20/77-10/12/77	2	40.	40.	40.	40.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/20/77-10/12/77	2	230.	230.	240.	220.	200.	14.142	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/19/80-02/19/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	02/19/81-02/19/81	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	02/19/81-02/19/81	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/19/80-02/19/80	1	1280.	1280.	1280.	1280.	0.	0.	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	02/19/80-02/19/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: INDU0124

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	3	3	1.00				1	1	1.00	2	2	1.00			
00400	PH	Other-Hi Lim.	9.	5	0	0.00				1	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	5	3	0.60				1	1	1.00	4	2	0.50			
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	2	1.00							2	2	1.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00				1	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	1	0.33				1	1	1.00	2	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	50.	3	0	0.00				1	0	0.00	2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00							2	0	0.00			
		Drinking Water	50.	2	0	0.00							2	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00							2	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	1	0.33				1	1	1.00	2	0	0.00			
		Drinking Water	5.	3	0	0.00				1	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00							2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00							2	0	0.00			
		Drinking Water	1300.	2	0	0.00							2	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	2	1.00							2	2	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00							2	0	0.00			
		Drinking Water	100.	2	0	0.00							2	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00				1	0	0.00	2	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0125

NPS Station ID: INDU0125
LAT/LON: 41.640281/ -87.114170
Agency: 112WRD
Date Created: 12/29/77
Location: S-CENTER OF INTERDUNAL POND B
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413825087065101
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 23.360
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001019700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/77-08/31/77	1	28.6	28.6	28.6	28.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/77-08/31/77	1	815.	815.	815.	815.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/31/77-08/31/77	1	10.6	10.6	10.6	10.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/31/77-08/31/77	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/31/77-08/31/77	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/77-08/31/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/31/77-08/31/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/31/77-08/31/77	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/77-08/31/77	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/31/77-08/31/77	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/31/77-08/31/77	1	330.	330.	330.	330.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/31/77-08/31/77	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/77-08/31/77	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/77-08/31/77	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/77-08/31/77	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/31/77-08/31/77	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/77-08/31/77	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/77-08/31/77	1	340.	340.	340.	340.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/77-08/31/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/77-08/31/77	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/31/77-08/31/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/77-08/31/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/31/77-08/31/77	1	3700.	3700.	3700.	3700.	0.	0.	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	1	3800.	3800.	3800.	3800.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/77-08/31/77	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	1 ##	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/31/77-08/31/77	1	350.	350.	350.	350.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/31/77-08/31/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/31/77-08/31/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/31/77-08/31/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/77-08/31/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/77-08/31/77	1	350.	350.	350.	350.	0.	0.	**	**	**	**
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	1	350.	350.	350.	350.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/31/77-08/31/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/31/77-08/31/77	1	530.	530.	530.	530.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/31/77-08/31/77	1	0.72	0.72	0.72	0.72	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	08/31/77-08/31/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0125

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00										1	0	0.00
00400	PH	Other-Hi Lim.	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00										1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0125

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0126

NPS Station ID: INDU0126
LAT/LON: 41.639448/ -87.114449
Agency: 112WRD
Date Created: 11/18/75
Location: INTER-DUNAL POND B AT DUNE ACRES IND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 413822087065200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 21.790
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001060600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/73-07/12/80	28	16.05	16.246	35.9	3.	77.066	8.779	5.	8.125	22.375	28.33
00080	COLOR (PLATINUM-COBALT UNITS)	08/01/73-08/01/73	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/01/73-07/12/80	28	763.5	755.5	1060.	325.	36378.556	190.732	451.6	631.	899.75	1010.
00300	OXYGEN, DISSOLVED MG/L	08/28/74-07/12/80	24	8.45	7.879	11.6	0.9	7.601	2.757	2.8	6.775	9.4	10.75
00400	PH (STANDARD UNITS)	08/01/73-07/12/80	27	6.7	6.915	9.2	5.9	0.571	0.755	6.08	6.4	7.3	7.92
00400	CONVERTED PH (STANDARD UNITS)	08/01/73-07/12/80	27	6.7	6.543	9.2	5.9	0.714	0.845	6.08	6.4	7.3	7.92
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/73-07/12/80	27	0.2	0.286	1.259	0.001	0.098	0.314	0.012	0.05	0.398	0.835
00405	CARBON DIOXIDE (MG/L AS CO2)	08/01/73-08/25/79	20	9.7	17.33	75.	0.7	462.92	21.516	0.97	3.625	23.25	65.3
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/01/73-07/12/80	24	29.	26.958	47.	7.	107.085	10.348	9.5	19.75	34.	40.5
00440	BICARBONATE ION (MG/L AS HCO3)	08/01/73-05/10/78	21	31.	30.905	51.	8.	143.39	11.975	11.2	22.5	40.	46.4
00445	CARBONATE ION (MG/L AS CO3)	08/28/74-05/10/78	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/10/77-02/10/77	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/10/77-02/10/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/28/74-06/23/76	3	0.6	0.583	0.6	0.55	0.001	0.029	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/25/79-07/12/80	2	0.865	0.865	1.4	0.33	0.572	0.757	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/28/74-06/23/76	3	0.42	0.37	0.42	0.27	0.007	0.087	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/18/78-07/12/80	3	0.34	0.617	1.3	0.21	0.354	0.595	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/18/78-07/12/80	3	0.11	0.193	0.41	0.06	0.036	0.189	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/28/74-06/23/76	3	0.17	0.183	0.27	0.11	0.007	0.081	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/01/73-06/23/76	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/01/73-06/23/76	4	0.01	0.02	0.06	0.	0.001	0.027	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/18/78-07/12/80	3	0.75	0.823	1.4	0.32	0.296	0.544	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/74-06/23/76	3	0.54	0.553	0.59	0.53	0.001	0.032	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/01/73-06/23/76	4	0.01	0.025	0.07	0.01	0.001	0.03	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/18/78-07/12/80	3	0.01	0.037	0.09	0.01	0.002	0.046	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/12/77-07/12/80	9	0.	0.01	0.09	0.	0.001	0.03	0.	0.	0.	0.09
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/01/73-06/23/76	4	0.025	0.023	0.03	0.01	0.	0.01	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/18/78-07/12/80	3 ##	0.005	0.01	0.02	0.005	0.	0.009	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/12/77-07/12/80	9 ##	0.005	0.007	0.03	0.	0.	0.009	0.	0.005	0.005	0.03
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/28/74-07/12/80	17	5.9	7.065	19.	3.	18.657	4.319	3.	3.7	8.85	14.2
00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	04/12/77-04/12/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	09/28/76-09/28/76	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	08/01/73-04/12/77	3	1.	0.667	1.	0.	0.333	0.577	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/01/73-07/12/80	24	330.	334.583	470.	190.	6721.558	81.985	225.	252.5	397.5	455.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/01/73-07/12/80	24	310.	308.333	460.	160.	7301.449	85.449	185.	225.	370.	425.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/01/73-07/12/80	24	94.	96.792	150.	50.	629.737	25.095	66.5	77.	110.	130.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/01/73-07/12/80	24	22.5	22.583	35.	12.	43.384	6.587	14.5	16.	28.75	30.
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/01/73-07/12/80	24	14.5	15.375	21.	11.	9.549	3.09	11.5	13.	17.	20.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00931	SODIUM ADSORPTION RATIO	08/01/73-07/12/80	24	0.35	0.371	0.6	0.3	0.007	0.086	0.3	0.3	0.4	0.5
00932	SODIUM, PERCENT	08/01/73-07/12/80	24	8.	9.	16.	6.	5.739	2.396	7.	7.	10.75	12.5
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/25/79-08/25/79	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/01/73-07/12/80	24	16.	15.846	25.	6.3	29.902	5.468	7.5	12.	20.	24.5
00940	CHLORIDE,TOTAL IN WATER MG/L	08/01/73-07/12/80	24	10.5	10.417	13.	7.	2.254	1.501	8.	10.	11.75	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/01/73-07/12/80	24	350.	337.917	500.	150.	9434.601	97.132	210.	240.	400.	470.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/28/76-07/12/80	19	0.2	0.289	0.6	0.2	0.017	0.129	0.2	0.2	0.4	0.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/28/76-07/12/80	19	5.2	5.442	13.	1.	9.48	3.079	2.1	2.4	7.6	10.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/28/76-05/10/78	15	1.	1.267	3.	0.5	0.567	0.753	0.5	0.5	2.	2.4
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/28/76-07/12/80	5	1.	2.4	8.	0.	10.3	3.209	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/28/76-10/12/77	9 ##	50.	127.778	300.	50.	9444.444	97.183	50.	50.	200.	300.
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/28/76-04/12/77	2 ##	7.	7.	14.	0.	98.	9.899	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/28/76-08/31/77	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/28/76-09/28/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	02/10/77-07/12/80	16	2800.	2831.25	5100.	1000.	1619625.	1272.645	1210.	1725.	3800.	4960.
01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	1	4000.	4000.	4000.	4000.	0.	0.	**	**	**	**
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	07/12/80-07/12/80	1	94.	94.	94.	94.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/28/76-05/10/78	15	2.	4.133	15.	0.	27.695	5.263	0.	0.	7.	14.4
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/01/73-07/12/80	6	3.	20.333	110.	0.	1934.267	43.98	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/01/73-07/12/80	6	9.	15.667	60.	1.	483.467	21.988	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/28/76-08/31/77	3 ##	0.	3.333	10.	0.	33.333	5.774	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/28/76-07/29/77	2	9.	9.	10.	8.	2.	1.414	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	08/01/73-08/25/79	5	1.5	5.5	20.	0.	69.25	8.322	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/28/76-05/10/78	9 ##	1.	1.889	5.	0.	4.611	2.147	0.	0.	4.5	5.
01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/01/73-07/12/80	6	5.5	23.167	110.	3.	1814.967	42.602	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/01/73-08/31/77	6	1010.	1223.333	2800.	280.	943426.667	971.302	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/28/76-07/12/80	19	370.	497.368	1500.	70.	202309.357	449.788	110.	150.	660.	1400.
01049	LEAD, DISSOLVED (UG/L AS PB)	09/28/76-05/10/78	15 ##	1.	1.733	10.	0.	6.924	2.631	0.	0.	2.	6.4
01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/01/73-07/12/80	7	10.	43.571	240.	2.	7578.952	87.057	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/28/76-09/28/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/01/73-08/31/77	6	280.	316.667	550.	70.	30466.667	174.547	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/28/76-07/12/80	19	430.	468.947	2000.	40.	181721.053	426.288	160.	210.	560.	800.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/28/76-05/10/78	15	80.	106.133	390.	4.	12818.838	113.22	4.6	14.	140.	336.
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	09/28/76-07/12/80	3	0.	240.	720.	0.	172800.	415.692	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/28/76-05/10/78	15	22.	26.6	55.	7.	199.971	14.141	10.6	15.	34.	53.8
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/01/73-08/31/77	2 ##	21.25	21.25	30.	12.5	153.125	12.374	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/12/75-07/12/80	4 ##	3.5	3.	5.	0.	6.	2.449	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	09/28/76-05/10/78	15	370.	370.	530.	190.	9242.857	96.14	202.	310.	450.	506.
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	1	380.	380.	380.	380.	0.	0.	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	09/28/76-07/12/80	3	5.	18.667	50.	1.	740.333	27.209	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/28/76-05/10/78	15	50.	126.667	570.	20.	22338.095	149.459	20.	40.	200.	378.
01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	1	80.	80.	80.	80.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/01/73-07/12/80	7	20.	295.429	1900.	18.	500779.619	707.658	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/01/73-08/31/77	2 ##	105.	105.	160.	50.	6050.	77.782	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/28/76-05/10/78	15	60.	103.333	300.	10.	8880.952	94.239	10.	40.	150.	300.
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	11/12/75-04/12/77	3	680.	1426.667	3200.	400.	2378133.333	1542.12	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/28/76-07/29/77	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/28/76-07/12/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/28/76-09/28/76	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	02/10/77-02/10/77	1	21.	21.	21.	21.	0.	0.	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	02/10/77-02/10/77	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/76-06/27/76	1	40.	40.	40.	40.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/27/76-06/27/76	1	1.602	1.602	1.602	1.602	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			40.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	06/27/76-06/27/76	1	180.	180.	180.	180.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	06/27/76-06/27/76	1	2.255	2.255	2.255	2.255	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			180.								
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/76-09/28/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	05/11/76-09/28/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	05/11/76-09/28/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/76-09/28/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/76-09/28/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/76-09/28/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/11/76-09/28/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/76-09/28/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/11/76-05/11/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/11/76-09/28/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	05/11/76-09/28/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	05/11/76-09/28/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/11/76-09/28/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/76-05/11/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/76-05/11/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/11/76-05/11/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	05/11/76-05/11/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/11/76-05/11/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	05/11/76-05/11/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/28/76-07/12/80	18	546.	534.833	742.	347.	16195.206	127.26	372.2	383.25	628.75	728.5
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/28/76-07/12/80	18	0.745	0.728	1.01	0.47	0.03	0.174	0.506	0.52	0.857	0.992
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/18/78-07/12/80	3	0.14	0.25	0.53	0.08	0.06	0.244	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/28/74-06/23/76	3	2.7	2.6	2.7	2.4	0.03	0.173	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/28/76-08/31/77	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/01/73-04/12/77	4	0.01	0.01	0.02	0.	0.	0.012	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	02/10/77-02/10/77	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	02/10/77-02/10/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	02/10/77-02/10/77	1	17.	17.	17.	17.	0.	0.	**	**	**	**
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	02/10/77-02/10/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0126

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	24	2	0.08	7	0	0.00	4	2	0.50	9	0	0.00	4	0	0.00
00400	PH	Other-Hi Lim.	9.	27	1	0.04	8	0	0.00	4	0	0.00	9	1	0.11	6	0	0.00
		Other-Lo Lim.	6.5	27	9	0.33	8	2	0.25	4	1	0.25	9	3	0.33	6	3	0.50
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	4	0	0.00							1	0	0.00	3	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00							1	0	0.00	3	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00							1	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0126

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	24	0	0.00	5	0	0.00	5	0	0.00	8	0	0.00	6	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	24	7	0.29	5	2	0.40	5	0	0.00	8	4	0.50	6	1	0.17
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	15	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	50.	15	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	9	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	3	0	0.00	1	0	0.00							2	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	15	4	0.27	4	1	0.25	4	2	0.50	5	0	0.00	2	1	0.50
		Drinking Water	5.	15	4	0.27	4	1	0.25	4	2	0.50	5	0	0.00	2	1	0.50
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00	1	0	0.00							2	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	9	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	1300.	9	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	15	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	5.	15	1	0.07	4	0	0.00	4	0	0.00	5	1	0.20	2	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	15	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	100.	15	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00										2	0	0.00
		Drinking Water	100.	2	0	0.00										2	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	15	5	0.33	4	2	0.50	4	2	0.50	5	0	0.00	2	1	0.50
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	1	0	0.00							1	0	0.00
		Drinking Water	50.	2	0	0.00	1	0	0.00							1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	3	0	0.00	1	0	0.00							2	0	0.00
		Drinking Water	2.	3	0	0.00	1	0	0.00							2	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 9/16 to 1/15 - Station INDU0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/73-07/12/80	8	8.5	9.988	19.3	5.	19.19	4.381	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/01/73-07/12/80	8	733.	706.625	1060.	325.	74858.268	273.602	**	**	**	**
00400	PH (STANDARD UNITS)	08/01/73-07/12/80	8	6.7	6.975	7.8	6.4	0.331	0.575	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/01/73-07/12/80	8	6.7	6.743	7.8	6.4	0.392	0.626	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/73-07/12/80	8	0.2	0.181	0.398	0.016	0.02	0.143	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/73-07/12/80	5	7.	6.84	11.3	3.	9.793	3.129	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/01/73-07/12/80	5	775.	713.2	835.	421.	27603.2	166.142	**	**	**	**
00400	PH (STANDARD UNITS)	08/01/73-07/12/80	4	7.05	6.95	7.8	5.9	0.657	0.81	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/01/73-07/12/80	4	6.982	6.431	7.8	5.9	1.016	1.008	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/73-07/12/80	4	0.104	0.371	1.259	0.016	0.354	0.595	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/73-07/12/80	9	21.7	21.767	35.9	10.5	57.488	7.582	10.5	16.05	27.1	35.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/01/73-07/12/80	9	860.	835.778	1010.	620.	20852.194	144.403	620.	716.5	984.5	1010.
00400	PH (STANDARD UNITS)	08/01/73-07/12/80	9	6.7	7.022	9.2	6.3	0.939	0.969	6.3	6.35	7.5	9.2
00400	CONVERTED PH (STANDARD UNITS)	08/01/73-07/12/80	9	6.7	6.62	9.2	6.3	1.122	1.059	6.3	6.35	7.5	9.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/73-07/12/80	9	0.2	0.24	0.501	0.001	0.037	0.192	0.001	0.055	0.45	0.501

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/73-07/12/80	6	23.75	24.15	28.6	20.8	8.503	2.916	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/01/73-07/12/80	6	722.	735.5	899.	574.	18505.1	136.033	**	**	**	**
00400	PH (STANDARD UNITS)	08/01/73-07/12/80	6	6.5	6.65	7.9	6.	0.495	0.704	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/01/73-07/12/80	6	6.455	6.358	7.9	6.	0.598	0.773	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/73-07/12/80	6	0.35	0.439	1.	0.013	0.156	0.395	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0127

NPS Station ID: INDU0127
LAT/LON: 41.641670/ -87.115003
Agency: 112WRD
Date Created: 01/25/77
Location: NW CORNER OF INTER-DUNAL POND B
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413830087065401
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 23.360
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001019600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/76-05/10/78	16	11.95	13.688	30.1	0.6	98.227	9.911	1.93	3.75	22.925	28.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/76-05/10/78	16	839.5	829.813	995.	685.	7317.096	85.54	694.1	765.75	886.75	953.
00300	OXYGEN, DISSOLVED MG/L	09/29/76-05/10/78	15	7.9	7.12	12.6	0.5	14.17	3.764	0.5	4.8	9.4	12.24
00400	PH (STANDARD UNITS)	09/29/76-05/10/78	15	7.3	7.493	9.4	6.7	0.464	0.681	6.7	7.	7.9	8.56
00400	CONVERTED PH (STANDARD UNITS)	09/29/76-05/10/78	15	7.3	7.19	9.4	6.7	0.562	0.75	6.7	7.	7.9	8.56
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/76-05/10/78	15	0.05	0.065	0.2	0.	0.004	0.066	0.006	0.013	0.1	0.2
00405	CARBON DIOXIDE (MG/L AS CO2)	09/29/76-05/10/78	14	2.9	3.9	13.	0.	13.732	3.706	0.4	0.9	6.2	10.55
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/29/76-05/10/78	15	36.	36.267	49.	25.	42.352	6.508	26.8	33.	39.	48.4
00440	BICARBONATE ION (MG/L AS HCO3)	09/29/76-05/10/78	15	44.	44.067	60.	30.	64.781	8.049	32.4	40.	48.	58.8
00445	CARBONATE ION (MG/L AS CO3)	02/10/77-05/10/78	13	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/12/77-05/10/78	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/12/77-05/10/78	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/19/77-05/10/78	10	5.45	6.17	10.	3.6	5.809	2.41	3.6	4.05	9.2	9.92
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	04/12/77-04/12/77	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	04/12/77-04/12/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/10/77-05/10/78	14	370.	371.429	470.	300.	2582.418	50.817	305.	330.	395.	460.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/10/77-05/10/78	14	330.	335.714	430.	260.	2764.835	52.582	265.	297.5	365.	425.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/29/76-05/10/78	15	110.	111.	150.	91.	306.714	17.513	91.6	100.	130.	138.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/10/77-05/10/78	14	23.5	24.357	34.	16.	28.863	5.372	17.5	19.75	29.25	32.
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/10/77-05/10/78	14	15.	15.571	19.	12.	4.725	2.174	12.	14.75	18.	18.5
00931	SODIUM ADSORPTION RATIO	02/10/77-05/10/78	14	0.35	0.35	0.4	0.3	0.003	0.052	0.3	0.3	0.4	0.4
00932	SODIUM, PERCENT	02/10/77-05/10/78	14	8.	8.	10.	7.	0.923	0.961	7.	7.	9.	9.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/10/77-05/10/78	14	16.5	17.	22.	13.	7.231	2.689	13.5	15.	19.25	21.5
00940	CHLORIDE,TOTAL IN WATER MG/L	02/10/77-05/10/78	14	10.	10.571	13.	9.	1.341	1.158	9.	10.	11.25	12.5
00945	SULFATE, TOTAL (MG/L AS SO4)	09/29/76-05/10/78	15	350.	364.667	480.	220.	5426.667	73.666	262.	320.	440.	474.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/10/77-05/10/78	14	0.2	0.243	0.4	0.2	0.004	0.065	0.2	0.2	0.3	0.35
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/10/77-05/10/78	14	2.7	3.064	7.4	0.1	5.109	2.26	0.3	1.375	4.75	6.9
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/12/77-05/10/78	12	1.5	1.625	3.	0.5	0.688	0.829	0.65	1.	2.	3.
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/12/77-04/12/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/12/77-10/12/77	6 ##	125.	141.667	300.	50.	11416.667	106.849	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/12/77-04/12/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/29/77-08/31/77	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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Parameter Inventory for Station: INDU0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01020	BORON, DISSOLVED (UG/L AS B)	04/12/77-05/10/78	12	3300.	3206.667	4800.	780.	1682351.515	1297.055	1086.	2050.	4450.	4800.
01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	1	4500.	4500.	4500.	4500.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/12/77-05/10/78	12 ##	0.	0.25	1.	0.	0.205	0.452	0.	0.	0.75	1.
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/12/77-04/12/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/29/77-08/31/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/29/77-07/29/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/29/77-05/10/78	8 ##	0.5	0.5	1.	0.	0.286	0.535	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/31/77-08/31/77	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	02/10/77-05/10/78	14	90.	325.357	2900.	5.	565686.401	752.121	17.5	40.	207.5	1660.
01049	LEAD, DISSOLVED (UG/L AS PB)	04/12/77-05/10/78	12 ##	1.	1.667	8.	0.	5.515	2.348	0.	0.	2.75	6.5
01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/12/77-04/12/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/31/77-08/31/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/10/77-05/10/78	14	365.	883.929	2900.	5.	1053850.687	1026.572	5.	16.25	1875.	2600.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/12/77-05/10/78	12	110.	169.	400.	70.	10492.	102.43	75.4	100.	255.	364.
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	1	67.	67.	67.	67.	0.	0.	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	04/12/77-04/12/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/12/77-05/10/78	12	8.5	14.5	40.	2.	162.273	12.739	2.	4.25	26.25	36.7
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/12/77-04/12/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/12/77-05/10/78	12	385.	407.5	530.	330.	4038.636	63.55	330.	372.5	450.	524.
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	1	360.	360.	360.	360.	0.	0.	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	04/12/77-04/12/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/12/77-05/10/78	12 ##	10.	26.667	120.	0.	1115.152	33.394	3.	10.	42.5	99.
01091	ZINC, SUSPENDED (UG/L ZN)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/31/77-08/31/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/12/77-04/12/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/12/77-05/10/78	12	35.	43.333	110.	10.	806.061	28.391	10.	30.	50.	101.
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	04/12/77-04/12/77	1	400.	400.	400.	400.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/29/77-07/29/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/29/76-09/29/76	1	772.	772.	772.	772.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/10/77-05/10/78	14	541.	561.786	707.	433.	7575.566	87.038	447.	498.25	621.75	704.5
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/29/76-05/10/78	15	0.74	0.783	1.05	0.59	0.018	0.135	0.614	0.69	0.92	0.996
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/29/77-08/31/77	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/12/77-04/12/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0127

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	13 &	1	0.08	5	0	0.00	2	1	0.50	5	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	15	1	0.07	5	0	0.00	4	0	0.00	4	0	0.00	2	1	0.50
		Other-Lo Lim.	6.5	15	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0127

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	14	0	0.00	3	0	0.00	4	0	0.00	5	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	15	5	0.33	4	1	0.25	4	0	0.00	5	2	0.40	2	2	1.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	12	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	50.	12	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	6	0	0.00	1	0	0.00				3	0	0.00	2	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00										2	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	12	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	5.	12	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00										2	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	8	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	1300.	8	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	12	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	5.	12	1	0.08	3	0	0.00	2	0	0.00	5	0	0.00	2	1	0.50
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	12	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	100.	12	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	12	1	0.08	3	0	0.00	2	1	0.50	5	0	0.00	2	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00										2	0	0.00
		Drinking Water	2.	2	0	0.00										2	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0128

NPS Station ID: INDU0128
LAT/LON: 41.638892/ -87.115003
Agency: 112WRD
Date Created: 04/14/78
Location: WELL G3 NEAR NIPSCO ASH POND NO
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413820087065400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001019800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/11/77-03/11/77	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/11/77-03/11/77	1	1513.	1513.	1513.	1513.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/11/77-03/11/77	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/11/77-03/11/77	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/11/77-03/11/77	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/11/77-03/11/77	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/11/77-03/11/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/11/77-03/11/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/11/77-03/11/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/11/77-03/11/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/11/77-03/11/77	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/11/77-03/11/77	1	660.	660.	660.	660.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/11/77-03/11/77	1	660.	660.	660.	660.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/11/77-03/11/77	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/11/77-03/11/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/11/77-03/11/77	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	03/11/77-03/11/77	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	03/11/77-03/11/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/11/77-03/11/77	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/11/77-03/11/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/11/77-03/11/77	1	730.	730.	730.	730.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/11/77-03/11/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/11/77-03/11/77	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/11/77-03/11/77	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/11/77-03/11/77	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/11/77-03/11/77	1	5500.	5500.	5500.	5500.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/11/77-03/11/77	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/11/77-03/11/77	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/11/77-03/11/77	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/11/77-03/11/77	1	610.	610.	610.	610.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	03/11/77-03/11/77	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/11/77-03/11/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/11/77-03/11/77	1	890.	890.	890.	890.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/11/77-03/11/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/11/77-03/11/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/11/77-03/11/77	1	1060.	1060.	1060.	1060.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/11/77-03/11/77	1	1.44	1.44	1.44	1.44	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0128

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	1	1.00				1	1	1.00						
00400	PH	Other-Hi Lim.	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	1	1.00				1	1	1.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	1	1.00				1	1	1.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	1	1.00				1	1	1.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0129

NPS Station ID: INDU0129
LAT/LON: 41.639171/ -87.115003
Agency: 112WRD
Date Created: 04/14/78
Location: S.W. CORNER INTER-DUNAL POND B @
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413821087065401
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 1.30
On/Off RF1:
RF3 Index: 04040001060600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/77-05/10/78	10	12.1	13.24	24.3	4.	50.325	7.094	4.3	7.75	21.825	24.06
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/77-05/10/78	10	1134.	1161.2	1790.	774.	115856.178	340.377	774.7	783.25	1429.75	1762.
00300	OXYGEN, DISSOLVED MG/L	06/28/77-05/10/78	9	1.7	2.333	6.	0.5	4.	2.	0.5	0.8	4.2	6.
00400	PH (STANDARD UNITS)	06/28/77-05/10/78	10	6.8	6.86	7.8	6.3	0.154	0.392	6.33	6.675	6.95	7.73
00400	CONVERTED PH (STANDARD UNITS)	06/28/77-05/10/78	10	6.8	6.741	7.8	6.3	0.17	0.412	6.33	6.675	6.95	7.73
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/28/77-05/10/78	10	0.158	0.182	0.501	0.016	0.017	0.13	0.022	0.114	0.212	0.476
00405	CARBON DIOXIDE (MG/L AS CO2)	06/28/77-05/10/78	10	5.	4.65	9.1	0.	13.141	3.625	0.04	0.85	8.5	9.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/77-05/10/78	10	13.	18.65	55.	0.5	331.781	18.215	0.65	3.5	34.75	53.2
00440	BICARBONATE ION (MG/L AS HCO3)	06/28/77-05/10/78	10	16.	22.8	67.	0.	494.178	22.23	0.3	4.5	42.75	64.8
00445	CARBONATE ION (MG/L AS CO3)	06/28/77-05/10/78	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/28/77-05/10/78	5	0.	0.006	0.03	0.	0.	0.013	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/77-05/10/78	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/31/77-05/10/78	8	7.45	7.15	11.	2.9	8.217	2.867	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/77-05/10/78	10	525.	540.	980.	300.	49488.889	222.461	302.	342.5	720.	960.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/28/77-05/10/78	10	525.	523.	940.	290.	49734.444	223.012	292.	310.	705.	924.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/28/77-05/10/78	10	180.	188.8	370.	98.	8161.067	90.339	98.2	107.5	265.	361.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/28/77-05/10/78	10	17.5	16.76	23.	9.6	19.909	4.462	9.84	12.75	20.5	22.9
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/28/77-05/10/78	10	18.5	18.2	22.	14.	6.4	2.53	14.1	16.5	20.25	21.9
00931	SODIUM ADSORPTION RATIO	06/28/77-05/10/78	10	0.3	0.34	0.5	0.3	0.005	0.07	0.3	0.3	0.4	0.49
00932	SODIUM, PERCENT	06/28/77-05/10/78	10	6.5	7.	11.	4.	5.111	2.261	4.1	5.	8.5	10.9
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/28/77-05/10/78	10	23.5	27.	48.	11.	156.444	12.508	11.5	16.75	37.	47.5
00940	CHLORIDE,TOTAL IN WATER MG/L	06/28/77-05/10/78	10	11.5	11.7	13.	10.	1.122	1.059	10.1	11.	13.	13.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/28/77-05/10/78	10	555.	560.	970.	290.	52822.222	229.831	295.	347.5	757.5	957.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/28/77-05/10/78	10	0.45	0.47	0.7	0.3	0.018	0.134	0.3	0.375	0.6	0.69
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/28/77-05/10/78	10	5.8	7.93	15.	3.8	16.147	4.018	3.9	5.175	11.75	14.9
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/31/77-05/10/78	8	9.	12.75	48.	2.	219.643	14.82	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/31/77-08/31/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/31/77-08/31/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/31/77-10/12/77	2 ##	275.	275.	500.	50.	101250.	318.198	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/31/77-08/31/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/31/77-08/31/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/31/77-05/10/78	8	2200.	4201.25	12000.	210.	21245726.786	4609.309	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	08/31/77-08/31/77	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/31/77-08/31/77	1	12000.	12000.	12000.	12000.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/77-05/10/78	8 ##	1.	1.375	4.	0.	2.268	1.506	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/77-08/31/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/31/77-08/31/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/31/77-08/31/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/77-05/10/78	7 ##	0.	0.857	3.	0.	1.476	1.215	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/31/77-08/31/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/28/77-05/10/78	10	1160.	1572.	4600.	130.	2494128.889	1579.281	138.	322.5	2350.	4540.
01049	LEAD, DISSOLVED (UG/L AS PB)	10/12/77-05/10/78	7	2.	2.286	8.	0.	8.571	2.928	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	08/31/77-08/31/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/31/77-08/31/77	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/31/77-08/31/77	1	540.	540.	540.	540.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/28/77-05/10/78	10	280.	329.	570.	90.	30276.667	174.002	99.	195.	495.	567.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/31/77-05/10/78	8	285.	376.25	1100.	40.	119341.071	345.458	**	**	**	**
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/31/77-08/31/77	1	390.	390.	390.	390.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/31/77-08/31/77	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/77-05/10/78	8	18.5	19.25	36.	3.	136.5	11.683	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/31/77-08/31/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/31/77-05/10/78	8	535.	562.5	880.	280.	43764.286	209.199	**	**	**	**
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/31/77-08/31/77	1	610.	610.	610.	610.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/77-05/10/78	8	45.	63.75	220.	10.	5141.071	71.701	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/31/77-08/31/77	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/31/77-05/10/78	8	120.	108.75	180.	40.	2098.214	45.806	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/31/77-08/31/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/28/77-05/10/78	10	831.5	847.9	1480.	459.	112605.878	335.568	467.6	557.75	1127.5	1456.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/28/77-05/10/78	10	1.135	1.153	2.01	0.62	0.209	0.457	0.632	0.755	1.533	1.978
71890	MERCURY, DISSOLVED (UG/L AS HG)	08/31/77-08/31/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/31/77-08/31/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/31/77-08/31/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: INDU0129

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	8 &	6	0.75	3	2	0.67	1	1	1.00	3	2	0.67	1	1	1.00
00400	PH	Other-Hi Lim.	9.	10	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	10	1	0.10	3	0	0.00	2	0	0.00	3	0	0.00	2	1	0.50
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	10	6	0.60	3	3	1.00	2	0	0.00	3	1	0.33	2	2	1.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	8	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	50.	8	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00							1	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	8	1	0.13	3	0	0.00	2	1	0.50	2	0	0.00	1	0	0.00
		Drinking Water	5.	8	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0129

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	1300.	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	7	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	5.	7	1	0.14	3	0	0.00	2	0	0.00	2	1	0.50			
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	8	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	100.	8	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	8	1	0.13	3	0	0.00	2	0	0.00	2	1	0.50	1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0130

NPS Station ID: INDU0130
LAT/LON: 41.638892/ -87.115282
Agency: 112WRD
Date Created: 04/14/78
Location: NIPSCO ASH POND NO 2 DUNE ACRES
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413820087065501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 1.50
On/Off RF1:
RF3 Index: 04040001020000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/77-05/09/78	12	11.3	13.958	25.5	4.3	52.104	7.218	4.9	9.75	22.225	25.29
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/77-05/09/78	12	714.	802.833	1340.	533.	59543.788	244.016	541.7	646.	990.	1274.
00300	OXYGEN, DISSOLVED MG/L	03/10/77-05/09/78	10	9.7	9.34	12.	4.	5.463	2.337	4.3	8.8	10.7	11.99
00400	PH (STANDARD UNITS)	03/10/77-05/09/78	12	5.45	5.517	7.9	3.3	1.922	1.386	3.51	4.65	6.525	7.84
00400	CONVERTED PH (STANDARD UNITS)	03/10/77-05/09/78	12	5.425	4.255	7.9	3.3	3.658	1.913	3.51	4.65	6.525	7.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/10/77-05/09/78	12	3.762	55.581	501.187	0.013	20472.79	143.083	0.015	0.618	22.801	380.831
00405	CARBON DIOXIDE (MG/L AS CO2)	03/10/77-05/09/78	12	0.5	12.825	101.	0.	898.82	29.98	0.	0.	5.8	82.7
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/11/77-05/09/78	13	2.	4.808	29.	0.5	62.397	7.899	0.5	0.5	6.5	21.4
00435	ACIDITY, TOTAL (MG/L AS CACO3)	04/12/77-11/16/77	2	54.5	54.5	84.	25.	1740.5	41.719	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	02/11/77-05/09/78	13	2.	5.538	35.	0.	94.269	9.709	0.	0.	8.	25.8
00445	CARBONATE ION (MG/L AS CO3)	03/10/77-05/09/78	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	02/11/77-02/11/77	1	610.	610.	610.	610.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/11/77-02/11/77	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/12/77-05/09/78	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/12/77-05/09/78	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/29/77-05/09/78	7	3.1	4.386	10.	1.8	7.748	2.784	**	**	**	**
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	02/11/77-02/11/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	02/11/77-02/11/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/11/77-05/09/78	13	300.	331.538	600.	210.	13814.103	117.533	214.	245.	400.	556.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/11/77-05/09/78	13	300.	327.692	600.	190.	14469.231	120.288	198.	245.	395.	556.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/11/77-05/09/78	13	83.	90.231	150.	59.	778.026	27.893	60.6	71.5	103.	146.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/11/77-05/09/78	13	22.	25.846	54.	13.	168.808	12.993	13.	17.	33.5	51.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/11/77-05/09/78	13	19.	18.231	28.	11.	26.859	5.183	11.	13.5	21.5	26.4
00931	SODIUM ADSORPTION RATIO	02/11/77-05/09/78	13	0.4	0.446	0.7	0.3	0.011	0.105	0.3	0.4	0.5	0.62
00932	SODIUM, PERCENT	02/11/77-05/09/78	13	10.	10.538	17.	7.	7.269	2.696	7.4	9.	12.	15.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/11/77-05/09/78	13	14.	18.	43.	8.	93.333	9.661	8.8	12.5	20.	38.6
00940	CHLORIDE,TOTAL IN WATER MG/L	02/11/77-05/09/78	13	10.	9.846	11.	8.	1.141	1.068	8.	9.	11.	11.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/11/77-05/09/78	13	330.	383.077	730.	210.	21773.077	147.557	222.	310.	450.	674.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/11/77-05/09/78	13	0.2	0.262	0.5	0.2	0.009	0.096	0.2	0.2	0.3	0.46
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/11/77-05/09/78	13	4.	4.846	12.	1.8	7.948	2.819	2.12	3.1	6.05	10.68
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/11/77-05/09/78	10	4.	5.85	15.	0.5	25.558	5.056	0.55	1.75	11.25	14.7
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	02/11/77-02/11/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/11/77-10/12/77	4	200.	187.5	300.	50.	10625.	103.078	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	02/11/77-02/11/77	1	78.	78.	78.	78.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/29/77-07/29/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	02/11/77-05/09/78	10	1900.	2412.	8300.	90.	5462617.778	2337.224	104.	957.5	3200.	7820.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/11/77-05/09/78	10	58.	118.7	700.	1.	42824.678	206.941	1.9	25.75	92.5	640.
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/11/77-02/11/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/29/77-07/29/77	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/29/77-07/29/77	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/29/77-05/09/78	7	200.	197.143	310.	0.	10823.81	104.038	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	02/11/77-05/09/78	13	280.	2707.308	14000.	5.	24334269.231	4932.978	19.	80.	2950.	13600.
01049	LEAD, DISSOLVED (UG/L AS PB)	02/11/77-05/09/78	10	24.5	40.5	200.	0.	3601.389	60.012	0.3	3.	52.5	186.6
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	02/11/77-02/11/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/11/77-02/11/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/11/77-05/09/78	13	190.	206.154	410.	40.	11775.641	108.516	60.	125.	280.	394.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/11/77-05/09/78	10	28.5	34.6	87.	2.	1023.822	31.997	2.	2.	59.	86.9
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	02/11/77-02/11/77	1	390.	390.	390.	390.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/11/77-05/09/78	10	100.	103.8	200.	21.	2528.178	50.281	24.6	72.75	135.	195.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	02/11/77-02/11/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/11/77-05/09/78	10	405.	409.	730.	220.	22876.667	151.25	222.	277.5	480.	711.
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	02/11/77-02/11/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/11/77-05/09/78	10	845.	948.	1800.	490.	173240.	416.221	495.	555.	1250.	1760.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	02/11/77-02/11/77	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/11/77-05/09/78	10	1335.	4686.	32000.	140.	94737804.444	9733.335	140.	297.5	4100.	29240.
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	02/11/77-02/11/77	1	4000.	4000.	4000.	4000.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/29/77-07/29/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	02/11/77-02/11/77	1	21.	21.	21.	21.	0.	0.	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	02/11/77-02/11/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/11/77-05/09/78	13	491.	563.462	1040.	338.	40155.103	200.387	348.	465.5	645.	965.2
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/11/77-05/09/78	13	0.67	0.765	1.41	0.46	0.074	0.272	0.472	0.635	0.875	1.31
71825	ACIDITY, TOTAL (MG/L AS H)	04/12/77-11/16/77	2	1.1	1.1	1.7	0.5	0.72	0.849	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/29/77-07/29/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	02/11/77-02/11/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	02/11/77-02/11/77	1	13.	13.	13.	13.	0.	0.	**	**	**	**
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	02/11/77-02/11/77	1	13.	13.	13.	13.	0.	0.	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	02/11/77-02/11/77	1	17.	17.	17.	17.	0.	0.	**	**	**	**
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	02/11/77-02/11/77	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0130

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	10	1	0.10	2	0	0.00	3	0	0.00	5	1	0.20			
00400	PH	Other-Hi Lim.	9.	12	0	0.00	3	0	0.00	3	0	0.00	5	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	12	9	0.75	3	2	0.67	3	2	0.67	5	4	0.80	1	1	1.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	13	0	0.00	3	0	0.00	4	0	0.00	5	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	13	3	0.23	3	0	0.00	4	1	0.25	5	1	0.20	1	1	1.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	10	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	50.	10	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	9 &	8	0.89	3	3	1.00	2	1	0.50	3	3	1.00	1	1	1.00
		Drinking Water	5.	9 &	8	0.89	3	3	1.00	2	1	0.50	3	3	1.00	1	1	1.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	7	6	0.86	2	2	1.00	2	1	0.50	2	2	1.00	1	1	1.00
		Drinking Water	1300.	7	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	10	1	0.10	3	1	0.33	3	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	5.	10	7	0.70	3	2	0.67	3	1	0.33	3	3	1.00	1	1	1.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	10	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	100.	10	5	0.50	3	1	0.33	3	1	0.33	3	2	0.67	1	1	1.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	10	10	1.00	3	3	1.00	3	3	1.00	3	3	1.00	1	1	1.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0131

NPS Station ID: INDU0131
LAT/LON: 41.639171/ -87.115837
Agency: 112WRD
Date Created: 04/14/78
Location: DEEP WELL 102 DUNE ACRES, IND.
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413821087065702
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 1.30
On/Off RF1:
RF3 Index: 04040001020000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/14/77-12/20/77	7	13.8	13.371	15.7	10.	3.862	1.965	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/14/77-01/17/78	9	430.	428.889	501.	360.	2201.611	46.921	360.	381.5	466.5	501.
00300	OXYGEN, DISSOLVED MG/L	11/17/77-12/20/77	2	2.3	2.3	2.6	2.	0.18	0.424	**	**	**	**
00400	PH (STANDARD UNITS)	04/14/77-01/17/78	8	8.1	7.85	8.8	6.4	0.677	0.823	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/14/77-01/17/78	8	8.055	7.167	8.8	6.4	1.21	1.1	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/14/77-01/17/78	8	0.009	0.068	0.398	0.002	0.019	0.136	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/14/77-01/17/78	8	3.8	30.875	197.	0.6	4593.716	67.777	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/14/77-01/17/78	9	210.	197.778	250.	120.	1494.444	38.658	120.	175.	220.	250.
00440	BICARBONATE ION (MG/L AS HCO3)	04/14/77-01/17/78	9	260.	243.333	310.	150.	2225.	47.17	150.	215.	270.	310.
00445	CARBONATE ION (MG/L AS CO3)	04/14/77-01/17/78	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/14/77-08/30/77	3	0.	0.01	0.03	0.	0.	0.017	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/77-08/30/77	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/30/77-11/17/77	3	11.	13.667	28.	2.	174.333	13.204	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/14/77-01/17/78	9	180.	172.222	220.	130.	1044.444	32.318	130.	135.	195.	220.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/14/77-01/17/78	9	0.	1.111	10.	0.	11.111	3.333	0.	0.	0.	10.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/14/77-01/17/78	9	21.	21.789	35.	8.1	69.351	8.328	8.1	16.	29.	35.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/14/77-01/17/78	9	33.	28.667	34.	19.	44.5	6.671	19.	20.5	34.	34.
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/14/77-01/17/78	9	25.	28.889	41.	20.	68.111	8.253	20.	21.5	37.5	41.
00931	SODIUM ADSORPTION RATIO	04/14/77-01/17/78	9	0.9	0.978	1.5	0.6	0.117	0.342	0.6	0.7	1.35	1.5
00932	SODIUM, PERCENT	04/14/77-01/17/78	9	25.	26.333	39.	19.	60.5	7.778	19.	19.5	34.5	39.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/14/77-01/17/78	9	2.9	3.478	5.6	2.4	1.437	1.199	2.4	2.55	4.7	5.6
00940	CHLORIDE,TOTAL IN WATER MG/L	04/14/77-01/17/78	9	11.	13.111	20.	8.	25.361	5.036	8.	8.5	19.	20.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/14/77-01/17/78	9	3.	12.822	48.	0.4	309.934	17.605	0.4	2.	27.5	48.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/14/77-01/17/78	9	0.1	0.178	0.4	0.1	0.017	0.13	0.1	0.1	0.3	0.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/14/77-01/17/78	9	3.4	4.367	9.5	0.6	10.538	3.246	0.6	1.25	7.25	9.5
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/30/77-11/17/77	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/30/77-08/30/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/30/77-08/30/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/30/77-08/30/77	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/30/77-08/30/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/30/77-08/30/77	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/30/77-08/30/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/30/77-01/17/78	5	270.	276.	440.	150.	11630.	107.842	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	08/30/77-08/30/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/30/77-08/30/77	1	320.	320.	320.	320.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/30/77-11/17/77	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/30/77-08/30/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/77-08/30/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/30/77-08/30/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/77-08/30/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/30/77-07/30/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/30/77-11/17/77	3 ##	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/30/77-08/30/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/30/77-08/30/77	1	12000.	12000.	12000.	12000.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/14/77-01/17/78	9	60.	118.333	450.	5.	23025.	151.74	5.	30.	185.	450.
01049	LEAD, DISSOLVED (UG/L AS PB)	07/30/77-11/17/77	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	08/30/77-08/30/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/30/77-08/30/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/30/77-08/30/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/77-08/30/77	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/14/77-01/17/78	9	50.	54.444	100.	20.	602.778	24.552	20.	35.	70.	100.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/30/77-11/17/77	3	4.	9.333	22.	2.	121.333	11.015	**	**	**	**
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/30/77-08/30/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/30/77-08/30/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/30/77-11/17/77	3	3.	4.	6.	3.	3.	1.732	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/30/77-08/30/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/30/77-08/30/77	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/30/77-11/17/77	3	200.	183.333	220.	130.	2233.333	47.258	**	**	**	**
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/30/77-08/30/77	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/30/77-11/17/77	3 ##	10.	6.667	10.	0.	33.333	5.774	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	08/30/77-08/30/77	1	240.	240.	240.	240.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/30/77-08/30/77	1	250.	250.	250.	250.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/30/77-08/30/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/30/77-11/17/77	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/30/77-08/30/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/30/77-07/30/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/14/77-01/17/78	9	225.	233.778	271.	194.	576.194	24.004	194.	222.5	257.	271.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/14/77-01/17/78	9	0.31	0.317	0.37	0.26	0.001	0.034	0.26	0.3	0.35	0.37
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/30/77-08/30/77	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/30/77-08/30/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0131

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	2	2	1.00	2	2	1.00									
00400	PH	Other-Hi Lim.	9.	8	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	8	1	0.13	3	0	0.00	1	0	0.00	2	0	0.00	2	1	0.50
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	9	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00	1	0	0.00							2	0	0.00
		Drinking Water	50.	3	0	0.00	1	0	0.00							2	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00										2	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00										2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0131

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	0	0.00	1	0	0.00							2	0	0.00
		Drinking Water	5.	3	0	0.00	1	0	0.00							2	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00										2	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00	1	0	0.00							2	0	0.00
		Drinking Water	1300.	3	0	0.00	1	0	0.00							2	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	1	0	0.00							2	0	0.00
		Drinking Water	5.	3	0	0.00	1	0	0.00							2	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00	1	0	0.00							2	0	0.00
		Drinking Water	100.	3	0	0.00	1	0	0.00							2	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00	1	0	0.00							2	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	1	1.00										1	1	1.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00										1	1	1.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00										2	0	0.00
		Drinking Water	2.	2	0	0.00										2	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0132

NPS Station ID: INDU0132
LAT/LON: 41.638615/ -87.115837
Agency: 112WRD
Date Created: 04/14/78
Location: NIPSCO ASH POND #3 DUNES ACRE, I
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413819087065701
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 8.50
On/Off RF1:
RF3 Index: 04040001020200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/11/76-11/11/76	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/11/76-11/11/76	1	776.	776.	776.	776.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/11/76-11/11/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/11/76-11/11/76	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/11/76-11/11/76	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/11/76-11/11/76	1	1.585	1.585	1.585	1.585	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0132

Parameter				Total	Exceed	Prop.	9/16-1/15			1/16-3/15			3/16-7/15			7/16-9/15		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0133

NPS Station ID: INDU0133
LAT/LON: 41.643059/ -87.117226
Agency: 112WRD
Date Created: 04/14/78
Location: DRIVE POINT D1 DUNE ACRES IND.
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413835087070201
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 1.50
On/Off RF1:
RF3 Index: 04040001019400.00
RF3 Mile Point: 2.71
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/77-10/13/77	2	950.	950.	983.	917.	2178.	46.669	**	**	**	**
00400	PH (STANDARD UNITS)	06/29/77-06/29/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/29/77-06/29/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/29/77-06/29/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/29/77-06/29/77	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/29/77-04/06/78	3	48.	71.	120.	45.	1803.	42.462	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/29/77-04/06/78	3	58.	87.667	150.	55.	2916.333	54.003	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/29/77-06/29/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/29/77-04/06/78	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/29/77-04/06/78	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/29/77-04/06/78	3	380.	390.	460.	330.	4300.	65.574	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/29/77-04/06/78	3	340.	320.	410.	210.	10300.	101.489	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/29/77-04/06/78	3	110.	111.667	130.	95.	308.333	17.559	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/29/77-04/06/78	3	26.	27.333	33.	23.	26.333	5.132	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/29/77-04/06/78	3	18.	26.	46.	14.	304.	17.436	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/29/77-04/06/78	3	0.4	0.6	1.1	0.3	0.19	0.436	**	**	**	**
00932	SODIUM, PERCENT	06/29/77-04/06/78	3	7.	12.	22.	7.	75.	8.66	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/29/77-04/06/78	3	14.	15.267	22.	9.8	38.413	6.198	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/29/77-04/06/78	3	12.	11.333	12.	10.	1.333	1.155	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/29/77-04/06/78	3	400.	386.667	420.	340.	1733.333	41.633	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/29/77-04/06/78	3	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/29/77-04/06/78	3	1.7	2.167	3.3	1.5	0.973	0.987	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/06/78-04/06/78	1	2900.	2900.	2900.	2900.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/29/77-04/06/78	3	20.	25.	50.	5.	525.	22.913	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/29/77-04/06/78	3	1300.	2100.	3900.	1100.	2440000.	1562.05	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/29/77-04/06/78	3	608.	626.667	668.	604.	1285.333	35.852	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/29/77-04/06/78	3	0.83	0.853	0.91	0.82	0.002	0.049	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0133

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0133

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	2	0.67	1	1	1.00				2	1	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0134

NPS Station ID: INDU0134
LAT/LON: 41.638892/ -87.118338
Agency: 112WRD
Date Created: 04/14/78
Location: NIPSCO ASH POND NO.1, DUNE ACRES
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413820087070600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 1.50
On/Off RF1:
RF3 Index: 04040001020000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/10/77-05/09/78	13	16.2	16.762	27.5	5.8	58.644	7.658	6.32	10.75	25.45	27.34
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/77-05/09/78	19	457.	459.895	925.	314.	20972.544	144.819	324.	340.	508.	634.
00300	OXYGEN, DISSOLVED MG/L	03/10/77-05/09/78	9	9.1	8.3	10.7	3.9	5.595	2.365	3.9	6.45	9.95	10.7
00400	PH (STANDARD UNITS)	03/10/77-05/09/78	12	6.55	6.517	7.8	4.1	1.182	1.087	4.4	6.	7.475	7.74
00400	CONVERTED PH (STANDARD UNITS)	03/10/77-05/09/78	12	6.547	5.124	7.8	4.1	3.298	1.816	4.4	6.	7.475	7.74
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/10/77-05/09/78	12	0.284	7.522	79.433	0.016	517.81	22.755	0.019	0.034	1.069	57.986
00405	CARBON DIOXIDE (MG/L AS CO2)	03/10/77-05/09/78	12	7.55	74.633	763.	0.	47161.159	217.166	0.	1.15	29.25	545.5
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/10/77-05/09/78	19	43.	35.526	60.	0.5	447.346	21.151	0.5	13.	53.	57.
00435	ACIDITY, TOTAL (MG/L AS CACO3)	12/21/77-12/21/77	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/10/77-05/09/78	19	52.	43.211	73.	0.	665.175	25.791	0.	16.	65.	69.
00445	CARBONATE ION (MG/L AS CO3)	03/10/77-05/09/78	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/28/77-05/09/78	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/77-05/09/78	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/10/77-05/09/78	9	3.	10.544	65.	1.1	425.063	20.617	1.1	2.6	7.4	65.
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	03/10/77-03/10/77	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	03/10/77-03/10/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/10/77-05/09/78	19	180.	180.526	230.	150.	494.152	22.23	150.	160.	200.	210.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/10/77-05/09/78	19	130.	145.	230.	95.	1475.	38.406	100.	110.	180.	200.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/10/77-05/09/78	19	48.	48.789	62.	41.	26.398	5.138	42.	45.	53.	55.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/10/77-05/09/78	19	15.	14.211	18.	11.	5.398	2.323	12.	12.	16.	18.
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/10/77-05/09/78	19	13.	14.821	22.	7.8	27.914	5.283	9.	9.5	20.	22.
00931	SODIUM ADSORPTION RATIO	03/10/77-05/09/78	19	0.4	0.479	0.7	0.3	0.03	0.172	0.3	0.3	0.7	0.7
00932	SODIUM, PERCENT	03/10/77-05/09/78	19	13.	14.579	21.	10.	14.035	3.746	11.	11.	18.	20.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/10/77-05/09/78	18	5.	5.356	9.5	2.4	2.763	1.662	3.39	4.575	5.8	8.33
00940	CHLORIDE,TOTAL IN WATER MG/L	03/10/77-05/09/78	19	9.	9.737	12.	8.	1.427	1.195	8.	9.	11.	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	03/10/77-05/09/78	19	150.	170.579	410.	88.	6385.257	79.908	94.	110.	210.	280.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/10/77-05/09/78	13	0.2	0.162	0.2	0.1	0.003	0.051	0.1	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/10/77-05/09/78	19	1.7	1.805	2.9	1.	0.347	0.589	1.1	1.4	2.4	2.8
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/10/77-05/09/78	11	1.	2.5	9.	0.5	8.2	2.864	0.5	0.5	3.	8.6
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/30/77-08/30/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/30/77-08/30/77	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	03/10/77-03/10/77	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/10/77-10/12/77	5 ##	50.	130.	300.	50.	13250.	115.109	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/30/77-08/30/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	03/10/77-03/10/77	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/29/77-08/30/77	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/30/77-08/30/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/10/77-05/09/78	11	770.	930.909	2800.	330.	456589.091	675.714	342.	600.	1000.	2500.
01021	BORON, SUSPENDED (UG/L AS B)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/30/77-08/30/77	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/10/77-05/09/78	11	11.	11.636	22.	2.	35.255	5.938	2.6	7.	16.	21.
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/30/77-08/30/77	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/10/77-03/10/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/29/77-08/30/77	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/30/77-08/30/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/77-08/30/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/29/77-07/29/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/29/77-05/09/78	8	31.5	42.875	120.	2.	1925.554	43.881	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/30/77-08/30/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/30/77-08/30/77	1	360.	360.	360.	360.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/10/77-05/09/78	13	180.	5632.692	47000.	5.	181353502.564	13466.755	5.	5.	2850.	35800.
01049	LEAD, DISSOLVED (UG/L AS PB)	03/10/77-05/09/78	11	5.	5.727	28.	0.	73.018	8.545	0.	0.	6.	25.2
01050	LEAD, SUSPENDED (UG/L AS PB)	08/30/77-08/30/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/30/77-08/30/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	03/10/77-03/10/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	03/10/77-03/10/77	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/77-08/30/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/10/77-05/09/78	13	120.	121.538	290.	40.	4247.436	65.172	48.	75.	150.	250.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	03/10/77-05/09/78	11	10.	17.136	75.	0.5	438.205	20.933	0.6	8.	21.	66.
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/30/77-08/30/77	1	72.	72.	72.	72.	0.	0.	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	03/10/77-03/10/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/10/77-05/09/78	11	38.	56.636	250.	13.	4481.855	66.947	14.	22.	56.	216.
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/30/77-08/30/77	1	48.	48.	48.	48.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	03/10/77-03/10/77	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/10/77-05/09/78	11	250.	230.909	310.	130.	4609.091	67.89	132.	170.	300.	310.
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/30/77-08/30/77	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01083	STRONTIUM IN BOTTOM DEPOSITS(MG/KG AS SR DRY WGT)	03/10/77-03/10/77	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/10/77-05/09/78	11	280.	275.455	710.	30.	45687.273	213.746	38.	70.	460.	670.
01091	ZINC, SUSPENDED (UG/L ZN)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/30/77-08/30/77	1	460.	460.	460.	460.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	03/10/77-03/10/77	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/30/77-08/30/77	1	350.	350.	350.	350.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/10/77-05/09/78	11	60.	200.909	670.	10.	66169.091	257.234	14.	50.	530.	654.
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/30/77-08/30/77	1	340.	340.	340.	340.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	03/10/77-03/10/77	1	8399.99	8399.99	8399.99	8399.99	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/29/77-07/29/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/10/77-05/09/78	19	283.	291.579	584.	201.	8500.591	92.199	203.	220.	332.	403.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	03/10/77-05/09/78	19	0.38	0.396	0.79	0.27	0.016	0.125	0.28	0.3	0.45	0.55
71825	ACIDITY, TOTAL (MG/L AS H)	12/21/77-12/21/77	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/29/77-08/30/77	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/30/77-08/30/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	03/10/77-03/10/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0134

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	9	1	0.11				3	0	0.00	5	1	0.20	1	0	0.00
00400	PH	Other-Hi Lim.	9.	12	0	0.00	3	0	0.00	3	0	0.00	4	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	12	6	0.50	3	2	0.67	3	0	0.00	4	3	0.75	2	1	0.50
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	19	0	0.00	9	0	0.00	3	0	0.00	5	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	19	1	0.05	9	0	0.00	3	1	0.33	5	0	0.00	2	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	11	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00
		Drinking Water	50.	11	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	5	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00										2	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	10 &	9	0.90	3	2	0.67	3	3	1.00	3	3	1.00	1	1	1.00
		Drinking Water	5.	10 &	9	0.90	3	2	0.67	3	3	1.00	3	3	1.00	1	1	1.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	1	1.00										1	1	1.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00										2	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	8	4	0.50	2	2	1.00	2	1	0.50	2	1	0.50	2	0	0.00
		Drinking Water	1300.	8	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00										1	1	1.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	11	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00
		Drinking Water	5.	11	6	0.55	3	1	0.33	3	1	0.33	3	3	1.00	2	1	0.50
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	11	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00
		Drinking Water	100.	11	1	0.09	3	0	0.00	3	1	0.33	3	0	0.00	2	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	11	8	0.73	3	2	0.67	3	3	1.00	3	2	0.67	2	1	0.50
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00										1	1	1.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00										2	0	0.00
		Drinking Water	2.	2	0	0.00										2	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0135

NPS Station ID: INDU0135
LAT/LON: 41.639171/ -87.119448
Agency: 112WRD
Date Created: 04/14/78
Location: WELL # G-1 NR. NIPSCO ASH POND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413821087071001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 1.40
On/Off RF1:
RF3 Index: 04040001020000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/11/76-08/26/81	14	16.7	14.893	21.3	2.2	28.922	5.378	5.3	9.85	18.375	20.7
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	02/19/81-08/26/81	3	45.	63.	100.	44.	1027.	32.047	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/11/76-08/26/81	14	813.5	1114.571	4080.	548.	770186.418	877.603	619.5	739.75	1156.25	2625.
00300	OXYGEN, DISSOLVED MG/L	11/11/76-08/26/81	12	1.	2.75	13.4	0.2	16.265	4.033	0.26	0.425	3.05	11.84
00400	PH (STANDARD UNITS)	11/11/76-08/26/81	13	7.8	7.846	8.5	7.4	0.124	0.353	7.4	7.45	8.15	8.38
00400	CONVERTED PH (STANDARD UNITS)	11/11/76-08/26/81	13	7.8	7.725	8.5	7.4	0.14	0.375	7.4	7.45	8.15	8.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/11/76-08/26/81	13	0.016	0.019	0.04	0.003	0.	0.014	0.004	0.007	0.036	0.04
00403	PH, LAB, STANDARD UNITS SU	02/19/81-08/26/81	3	8.	8.033	8.2	7.9	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/19/81-08/26/81	3	8.	8.016	8.2	7.9	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/19/81-08/26/81	3	0.01	0.01	0.013	0.006	0.	0.003	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	02/11/77-05/10/78	8	2.5	2.875	6.2	0.3	6.294	2.509	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/11/77-05/10/78	9	71.	68.778	120.	25.	1229.194	35.06	25.	37.	100.	120.
00440	BICARBONATE ION (MG/L AS HCO3)	02/11/77-05/10/78	9	87.	83.111	150.	30.	2073.361	45.534	30.	44.5	124.	150.
00445	CARBONATE ION (MG/L AS CO3)	02/11/77-05/10/78	8	0.	0.875	7.	0.	6.125	2.475	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/28/77-05/10/78	4	0.25	0.263	0.4	0.15	0.011	0.103	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/77-05/10/78	4	0.08	0.085	0.13	0.05	0.001	0.033	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/12/77-05/10/78	7	8.2	9.3	16.	3.9	23.43	4.84	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/11/77-08/26/81	12	355.	430.833	680.	220.	29626.515	172.124	238.	310.	650.	680.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	02/11/77-05/10/78	9	360.	405.556	600.	250.	20677.778	143.798	250.	270.	560.	600.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/11/77-08/26/81	12	125.	155.25	260.	67.	5039.477	70.989	69.7	110.	242.5	260.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/11/77-08/26/81	12	7.7	10.342	30.	1.3	85.81	9.263	1.36	2.35	18.75	27.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/11/77-08/26/81	12	16.	17.75	26.	13.	15.114	3.888	13.3	15.25	21.5	24.8
00931	SODIUM ADSORPTION RATIO	02/11/77-08/26/81	12	0.3	0.392	0.8	0.3	0.023	0.151	0.3	0.3	0.475	0.71
00932	SODIUM, PERCENT	02/11/77-08/26/81	12	8.5	8.917	20.	4.	19.356	4.4	4.3	5.25	10.75	17.9
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/11/77-08/26/81	12	18.5	19.983	36.	7.8	76.44	8.743	8.46	12.5	25.	35.4
00940	CHLORIDE,TOTAL IN WATER MG/L	02/11/77-08/26/81	12	14.	20.917	90.	10.	492.447	22.191	10.	11.	20.5	69.9
00945	SULFATE, TOTAL (MG/L AS SO4)	02/11/77-08/26/81	12	305.	361.667	600.	160.	20906.061	144.589	178.	272.5	490.	600.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/11/77-08/26/81	12	1.7	1.892	3.8	0.4	1.503	1.226	0.4	0.55	2.925	3.71
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/11/77-08/26/81	12	11.	10.792	14.	7.4	7.126	2.67	7.43	7.975	13.75	14.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/11/77-08/26/81	11	7.	25.636	200.	1.	3381.455	58.15	1.2	3.	18.	163.8
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/11/77-10/12/77	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	02/11/77-08/26/81	11	2700.	2700.	4400.	1300.	984000.	991.968	1340.	1900.	3800.	4280.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/11/77-08/26/81	11 ##	0.	0.182	1.	0.	0.114	0.337	0.	0.	0.5	0.9
01040	COPPER, DISSOLVED (UG/L AS CU)	11/16/77-05/10/78	6 ##	0.5	0.5	1.	0.	0.3	0.548	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	02/11/77-08/26/81	12	355.	677.5	2800.	130.	721038.636	849.14	133.	155.	790.	2560.
01049	LEAD, DISSOLVED (UG/L AS PB)	02/11/77-05/10/78	8 ##	1.	1.25	5.	0.	2.786	1.669	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	05/20/81-05/20/81	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/11/77-08/26/81	12	175.	183.333	380.	40.	15206.061	123.313	43.	60.	310.	371.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/11/77-08/26/81	11	90.	211.636	1000.	2.	84985.255	291.522	8.2	68.	310.	888.
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/11/77-08/26/81	11	3.	3.273	10.	0.	10.818	3.289	0.	1.	5.	9.6
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/11/77-08/26/81	11	200.	278.182	590.	150.	18836.364	137.246	150.	170.	360.	548.
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/11/77-08/26/81	11 ##	4.	7.182	30.	0.	97.364	9.867	0.	0.	10.	28.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/11/77-08/26/81	11	60.	65.455	150.	10.	2227.273	47.194	10.	30.	90.	148.
01515	ALPHA, DISSOLVED GROSS, AS URANIUM-NATURAL, PC/L	02/19/81-05/20/81	2	5.4	5.4	6.8	4.	3.92	1.98	**	**	**	**
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	02/19/81-05/20/81	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	02/19/81-08/26/81	3	10.	10.4	12.	9.2	2.08	1.442	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	02/19/81-08/26/81	3 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	02/11/77-08/26/81	12	529.5	646.	1030.	348.	58868.364	242.628	374.4	466.	919.25	1024.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	02/11/77-05/10/78	9	0.85	0.973	1.4	0.63	0.106	0.325	0.63	0.675	1.33	1.4
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	02/19/81-08/26/81	3 ##	5.	4.65	6.	2.95	2.418	1.555	**	**	**	**
80040	ALPHA,SUSPENDED GROSS, AS URANIUM-NATURAL, UG/L	02/19/81-08/26/81	3 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	02/19/81-08/26/81	3	9.8	9.867	11.	8.8	1.213	1.102	**	**	**	**
80060	BETA,SUSPENDED GROSS,AS SR-Y-90, PC/L	02/19/81-08/26/81	3 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	02/19/81-08/26/81	3	7.5	7.167	8.2	5.8	1.523	1.234	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: INDU0135

				Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	11 &	9	0.82	4	2	0.50	2	2	1.00	4	4	1.00	1	1	1.00
00400	PH	Other-Hi Lim.	9.	13	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	13	0	0.00	5	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	3	0	0.00				1	0	0.00	1	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00				1	0	0.00	1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	12	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	12	4	0.33	3	2	0.67	4	1	0.25	4	1	0.25	1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	11	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	50.	11	1	0.09	3	1	0.33	4	0	0.00	3	0	0.00	1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00	1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	11	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	5.	11	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	1300.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	5.	8	1	0.13	3	0	0.00	3	0	0.00	2	1	0.50			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	11	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	100.	11	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	11	0	0.00	3	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0136

NPS Station ID: INDU0136
LAT/LON: 41.641948/ -87.122503
Agency: 112WRD
Date Created: 04/14/78
Location: DEEP WELL 101, DUNE ACRES, IND.
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413831087072102
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 0.80
On/Off RF1:
RF3 Index: 04040001019600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/14/77-12/20/77	8	14.5	14.913	17.9	13.2	3.716	1.928	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/14/77-12/20/77	8	583.5	582.125	621.	553.	572.696	23.931	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/14/77-12/20/77	6	3.5	3.8	7.2	0.7	5.432	2.331	**	**	**	**
00400	PH (STANDARD UNITS)	04/14/77-12/20/77	8	7.55	7.5	8.	6.6	0.189	0.434	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/14/77-12/20/77	8	7.547	7.259	8.	6.6	0.255	0.505	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/14/77-12/20/77	8	0.028	0.055	0.251	0.01	0.006	0.08	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/14/77-12/20/77	8	12.5	26.113	121.	4.3	1517.821	38.959	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/14/77-12/20/77	8	240.	236.25	250.	210.	255.357	15.98	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/14/77-12/20/77	8	290.	286.25	310.	250.	398.214	19.955	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/14/77-12/20/77	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	04/14/77-08/30/77	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/14/77-08/30/77	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/14/77-11/17/77	6	14.5	13.067	24.	3.2	64.891	8.055	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/14/77-12/20/77	8	230.	227.5	240.	210.	135.714	11.65	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/14/77-12/20/77	8	0.	1.75	8.	0.	10.786	3.284	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/14/77-12/20/77	8	46.5	46.25	50.	42.	7.929	2.816	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/14/77-12/20/77	8	27.	26.625	28.	25.	0.839	0.916	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/14/77-12/20/77	8	40.5	38.625	46.	30.	29.696	5.449	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/14/77-12/20/77	8	1.15	1.113	1.3	0.9	0.018	0.136	**	**	**	**
00932	SODIUM, PERCENT	04/14/77-12/20/77	8	27.	26.625	30.	23.	4.839	2.2	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/14/77-12/20/77	8	4.05	3.925	4.4	3.3	0.188	0.433	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/14/77-12/20/77	8	30.5	29.75	36.	23.	27.357	5.23	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/14/77-12/20/77	8	31.	33.875	45.	26.	44.411	6.664	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/14/77-12/20/77	8	0.4	0.438	0.5	0.4	0.003	0.052	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/14/77-12/20/77	8	13.	12.5	13.	11.	0.571	0.756	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/14/77-11/17/77	7	1.	1.643	3.	0.5	1.06	1.029	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	08/30/77-08/30/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/30/77-08/30/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/14/77-10/13/77	6 ##	50.	116.667	300.	50.	11666.667	108.012	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	08/30/77-08/30/77	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/30/77-08/30/77	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	08/30/77-08/30/77	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/14/77-12/20/77	8	445.	385.	490.	30.	23142.857	152.128	**	**	**	**
01021	BORON, SUSPENDED (UG/L AS B)	08/30/77-08/30/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	08/30/77-08/30/77	1	450.	450.	450.	450.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/14/77-11/17/77	7 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01026	CADMIUM, SUSPENDED (UG/L AS CD)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/30/77-08/30/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/30/77-08/30/77	2 ##	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
01031	CHROMIUM, SUSPEND (UG/L AS CR)	08/30/77-08/30/77	1 ##	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/30/77-08/30/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/30/77-07/30/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/30/77-11/17/77	3 ##	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	08/30/77-08/30/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/30/77-08/30/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/30/77-08/30/77	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/14/77-12/20/77	8	390.	712.5	2000.	20.	498278.571	705.888	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	04/14/77-11/17/77	7 ##	0.	1.714	6.	0.	6.905	2.628	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	08/30/77-08/30/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/30/77-08/30/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	08/30/77-08/30/77	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/14/77-12/20/77	8	75.	60.625	90.	5.	888.839	29.813	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/14/77-11/17/77	7	6.	7.357	24.	0.5	57.726	7.598	**	**	**	**
01061	MOLYBDENUM, SUSPENDED (UG/L AS MO)	08/30/77-08/30/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	08/30/77-08/30/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/14/77-11/17/77	7	3.	4.429	10.	0.	15.619	3.952	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	08/30/77-08/30/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/30/77-08/30/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/14/77-12/20/77	8	1300.	1287.5	1400.	1200.	6964.286	83.452	**	**	**	**
01081	STRONTIUM, SUSPENDED (UG/L AS SR)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	08/30/77-08/30/77	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/14/77-11/17/77	7 ##	0.	2.857	20.	0.	57.143	7.559	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	08/30/77-08/30/77	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/30/77-08/30/77	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	08/30/77-08/30/77	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/14/77-11/17/77	7	50.	40.	70.	10.	500.	22.361	**	**	**	**
01107	ALUMINUM, SUSPENDED (UG/L AS AL)	08/30/77-08/30/77	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/30/77-07/30/77	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/14/77-12/20/77	8	338.	335.75	354.	309.	291.357	17.069	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/14/77-12/20/77	8	0.46	0.458	0.48	0.42	0.001	0.023	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/30/77-08/30/77	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	08/30/77-08/30/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/30/77-08/30/77	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0136

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	6	4	0.67	2	1	0.50				3	2	0.67	1	1	1.00
00400	PH	Other-Hi Lim.	9.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	8	0	0.00	3	0	0.00				3	0	0.00	2	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	7	0	0.00	2	0	0.00				3	0	0.00	2	0	0.00
		Drinking Water	50.	7	0	0.00	2	0	0.00				3	0	0.00	2	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	6	0	0.00	1	0	0.00				3	0	0.00	2	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	1	0	0.00										1	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00										1	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00										2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0136

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	1	0	0.00										1	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00										1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	7	0	0.00	2	0	0.00				3	0	0.00	2	0	0.00
		Drinking Water	5.	7	0	0.00	2	0	0.00				3	0	0.00	2	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00										2	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	1	0	0.00										1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00	1	0	0.00							2	0	0.00
		Drinking Water	1300.	3	0	0.00	1	0	0.00							2	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	7	0	0.00	2	0	0.00				3	0	0.00	2	0	0.00
		Drinking Water	5.	7	2	0.29	2	0	0.00				3	2	0.67	2	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	1	1.00										1	1	1.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	7	0	0.00	2	0	0.00				3	0	0.00	2	0	0.00
		Drinking Water	100.	7	0	0.00	2	0	0.00				3	0	0.00	2	0	0.00
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	7	0	0.00	2	0	0.00				3	0	0.00	2	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	1	1.00										1	1	1.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
		Drinking Water	50.	1	0	0.00										1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00										2	0	0.00
		Drinking Water	2.	2	0	0.00										2	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0137

NPS Station ID: INDU0137
LAT/LON: 41.645559/ -87.123059
Agency: 112WRD
Date Created: 03/17/77
Location: LAKE MICHIGAN AT DUNE ACRES IND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 413844087072301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 23.720
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001019500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/73-10/18/73	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/18/73-10/18/73	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/73-10/18/73	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/73-10/18/73	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/73-10/18/73	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/18/73-10/18/73	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/18/73-10/18/73	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1000.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/73-10/18/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/73-10/18/73	1	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0137

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0138

NPS Station ID: INDU0138
LAT/LON: 41.645003/ -87.124726
Agency: 21INDN
Date Created: / /
Location: NIPSCO BAILLY CHESTERTON
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 314701 /IN0000078
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 23.720
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001000200.00
RF3 Mile Point: 2.91
Distance from RF3: 0.43
On/Off RF3:
Description:
BAILLY STATIOW DISCHARGE

Parameter Inventory for Station: INDU0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/01/72-04/30/73	180	62.	61.114	72.	43.	36.751	6.062	52.51	58.	65.	68.
00056	FLOW, RATE GALLONS/DAY	11/01/72-04/30/73	181	2216.	2375.702	4432.	1015.	627716.666	792.286	1015.	2216.	3231.	3231.
00310	BOD, 5 DAY, 20 DEG C MG/L	02/09/72-04/25/73	30	2.95	3.203	6.3	0.6	2.065	1.437	1.61	1.975	4.025	5.5
00400	PH (STANDARD UNITS)	02/09/72-04/25/73	30	8.15	8.149	8.45	7.85	0.029	0.169	7.902	7.988	8.25	8.4
00400	CONVERTED PH (STANDARD UNITS)	02/09/72-04/25/73	30	8.15	8.118	8.45	7.85	0.03	0.172	7.902	7.988	8.25	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/09/72-04/25/73	30	0.007	0.008	0.014	0.004	0.	0.003	0.004	0.006	0.01	0.013
00500	RESIDUE, TOTAL (MG/L)	02/09/72-04/25/73	30	176.5	176.067	231.	142.	381.237	19.525	152.4	161.5	186.25	205.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/09/72-04/25/73	30	10.	13.667	61.	2.	145.333	12.055	3.1	7.	16.25	27.3
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/09/72-04/25/73	30	19.5	145.767	1400.	0.	90123.289	300.205	0.	0.	133.75	488.9
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	02/09/72-04/25/73	30	1.286	1.14	3.146	0.	1.248	1.117	0.	0.	2.109	2.688
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			13.798								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	02/09/72-04/25/73	30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0138

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	30	0	0.00	8	0	0.00	7	0	0.00	11	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	30	0	0.00	8	0	0.00	7	0	0.00	11	0	0.00	4	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	30	1	0.03	8	0	0.00	7	0	0.00	11	0	0.00	4	1	0.25
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	30	0	0.00	8	0	0.00	7	0	0.00	11	0	0.00	4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0139

NPS Station ID: INDU0139
LAT/LON: 41.645003/ -87.124726
Agency: 21INDN
Date Created: / /
Location: NIPSCO BAILLY CHESTERTON
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 314702
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 23.720
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001000200.00
RF3 Mile Point: 5.89
Distance from RF3: 0.02
On/Off RF3:
Description:
BAILLY STATION INTAKE

Parameter Inventory for Station: INDU0139

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	11/01/72-04/30/73	180	43.	43.338	54.3	37.	14.651	3.828	39.	41.	45.	50.
00310	BOD, 5 DAY, 20 DEG C MG/L	06/07/72-04/25/73	22	3.5	3.336	6.5	0.6	2.573	1.604	0.88	2.15	4.45	5.48
00400	PH (STANDARD UNITS)	06/07/72-04/25/73	22	8.225	8.232	8.55	7.9	0.023	0.152	8.015	8.137	8.325	8.435
00400	CONVERTED PH (STANDARD UNITS)	06/07/72-04/25/73	22	8.224	8.206	8.55	7.9	0.024	0.155	8.015	8.137	8.325	8.435
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/72-04/25/73	22	0.006	0.006	0.013	0.003	0.	0.002	0.004	0.005	0.007	0.01
00500	RESIDUE, TOTAL (MG/L)	06/07/72-04/25/73	22	181.	177.955	204.	147.	247.569	15.734	152.4	166.5	190.5	199.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/07/72-04/25/73	22	10.	14.136	48.	2.	127.076	11.273	4.	8.	15.5	34.2
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/07/72-04/25/73	22	18.	182.136	1000.	0.	69453.742	263.541	0.	0.	327.5	615.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/07/72-04/25/73	22	1.255	1.359	3.	0.	1.386	1.177	0.	0.	2.515	2.775
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			22.864								
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	06/07/72-04/25/73	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0139

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	22	0	0.00	8	0	0.00	4	0	0.00	6	0	0.00	4	0	0.00
		Other-Lo Lim.	6.5	22	0	0.00	8	0	0.00	4	0	0.00	6	0	0.00	4	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	22	1	0.05	8	0	0.00	4	0	0.00	6	0	0.00	4	1	0.25
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	22	0	0.00	8	0	0.00	4	0	0.00	6	0	0.00	4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0140

NPS Station ID: INDU0140 LAT/LON: 41.617781/ -87.125559 Agency: 21IND Date Created: / /
Location: LITTLE CALUMET RIVER-PORTER AT MILE POINT 38.56 FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 170154 /LCR 39
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001 Depth of Water: 2 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04040001021 RF1 Mile Point: 1.680 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 04040001001200.00 RF3 Mile Point: 0.45 Distance from RF3: 0.01 On/Off RF3:
Description:
STATION LOCATION IS ON STATE ROAD 149 SOUTH OF U.S. 12 .IT IS 7 MILES DOWNSTREAM FROM THE CHESTERTON STP AND 0.2 MILES DOWNSTREAM FROM SALT CREEK JUNCTION, AT MILE POINT 38.56

Parameter Inventory for Station: INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	257	12.	11.815	29.7	-0.06	50.495	7.106	1.	6.	18.	21.
00060	FLOW, STREAM, MEAN DAILY CFS	01/26/71-09/26/84	43	44.	75.535	685.	26.	10778.969	103.822	29.	37.	82.	124.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	95	26.	85.519	999.	3.	36486.799	191.015	5.6	10.	70.	188.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	258	610.	594.384	1480.	240.	15528.829	124.615	434.8	521.75	660.	702.5
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	257	8.8	8.953	16.2	3.4	5.346	2.312	6.3	7.05	10.65	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	225	2.	2.144	8.3	0.5	1.343	1.159	1.	1.4	2.6	3.44
00335	COD, .025N K2CR2O7 MG/L	09/23/81-08/15/91	8	19.5	18.125	24.	10.	17.554	4.19	**	**	**	**
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	196	7.7	7.689	9.1	3.	0.233	0.482	7.3	7.5	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	196	7.7	5.29	9.1	3.	6.019	2.453	7.3	7.5	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	196	0.02	5.129	1000.	0.001	5101.766	71.427	0.006	0.013	0.032	0.05
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	264	7.7	7.634	8.4	6.5	0.116	0.34	7.2	7.5	7.875	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	264	7.7	7.474	8.4	6.5	0.141	0.376	7.2	7.5	7.875	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	264	0.02	0.034	0.316	0.004	0.002	0.041	0.01	0.013	0.032	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	77	250.	234.792	328.	74.	1866.772	43.206	172.4	213.	263.	274.4
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	83	453.	461.229	702.	306.	3321.959	57.636	403.4	440.	479.	509.8
00525	RESIDUE, FIXED FILTRABLE (MG/L)	04/28/87-04/28/87	1	459.	459.	459.	459.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	264	25.	39.604	360.	0.5	2270.988	47.655	5.	13.	48.	80.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-12/08/76	94	6.	8.261	64.	0.5	73.138	8.552	1.	3.	10.	16.5
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/17/87-02/03/88	9	1.	1.333	4.	0.5	1.375	1.173	0.5	0.5	2.	4.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	07/17/85-05/25/88	2	4.15	4.15	7.	1.3	16.245	4.031	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/06/76-10/06/76	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	225	0.2	0.197	1.3	0.05	0.025	0.157	0.05	0.1	0.3	0.4
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/26/71-12/15/71	19	0.5	0.679	1.8	0.3	0.145	0.381	0.3	0.4	0.9	1.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-12/17/85	64	0.7	0.708	1.8	0.1	0.089	0.298	0.4	0.5	0.875	1.05
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	244	0.8	0.895	4.4	0.2	0.265	0.515	0.4	0.6	1.1	1.5
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/15/72-12/14/72	19	0.7	0.947	1.8	0.3	0.27	0.52	0.3	0.5	1.5	1.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	242	0.11	0.198	2.84	0.015	0.094	0.307	0.053	0.08	0.17	0.376
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	58	5.75	6.747	16.5	2.2	11.116	3.334	3.3	4.575	8.225	11.67
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	77	322.	308.299	384.	89.	2406.475	49.056	241.6	290.	342.	354.4
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	190	25.	27.484	292.	9.	492.177	22.185	16.	21.	28.	33.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	149	61.	62.034	125.	27.	156.627	12.515	50.	55.	68.	77.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-07/27/92	70	1.	1.306	5.	0.4	0.698	0.836	0.6	0.7	2.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-07/27/92	70 ##	5.	5.086	20.	2.	3.645	1.909	5.	5.	5.	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01092	ZINC, TOTAL (UG/L AS ZN)	11/09/76-11/09/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/26/71-01/26/71	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/26/71-01/26/71	1	3.146	3.146	3.146	3.146	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1400.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	211	460.	1660.284	38000.	5.	17290586.109	4158.195	50.	150.	1200.	4780.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	211	2.663	2.633	4.58	0.699	0.55	0.742	1.699	2.176	3.079	3.679
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			429.415								
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	48	325.	2142.188	49000.	5.	52615702.028	7253.668	67.	125.	1275.	3360.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	48	2.511	2.614	4.69	0.699	0.564	0.751	1.821	2.096	3.105	3.526
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			411.116								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/30/85-10/30/85	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	01/18/73-09/11/73	6	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/18/73-09/11/73	6	0.01	0.015	0.03	0.01	0.	0.008	**	**	**	**
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	63	32714.	35139.095	90032.	52.	497775956.12	22310.893	10518.	13014.	42016.	76750.4
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/85-08/21/85	1	421.	421.	421.	421.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0140

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	95	29	0.31	31	12	0.39	15	2	0.13	36	15	0.42	13	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	257	2	0.01	80	1	0.01	35	0	0.00	97	0	0.00	45	1	0.02
00400	PH	Other-Hi Lim.	9.	196	1	0.01	60	1	0.02	26	0	0.00	81	0	0.00	29	0	0.00
		Other-Lo Lim.	6.5	196	1	0.01	60	0	0.00	26	0	0.00	81	1	0.01	29	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	264	0	0.00	82	0	0.00	34	0	0.00	101	0	0.00	47	0	0.00
		Other-Lo Lim.	6.5	264	2	0.01	82	1	0.01	34	0	0.00	101	1	0.01	47	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	19	0	0.00	5	0	0.00	3	0	0.00	7	0	0.00	4	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	244	0	0.00	76	0	0.00	33	0	0.00	92	0	0.00	43	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	190	0	0.00	59	0	0.00	24	0	0.00	72	0	0.00	35	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	149	0	0.00	49	0	0.00	18	0	0.00	55	0	0.00	27	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	70	0	0.00	22	0	0.00	9	0	0.00	27	0	0.00	12	0	0.00
		Drinking Water	50.	70	0	0.00	22	0	0.00	9	0	0.00	27	0	0.00	12	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	70	0	0.00	21	0	0.00	9	0	0.00	28	0	0.00	12	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00				1	1	1.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	211	154	0.73	64	45	0.70	28	17	0.61	81	58	0.72	38	34	0.89
31648	E. COLI, MTEC, MF	Fresh Acute	126.	48	36	0.75	16	12	0.75	6	6	1.00	18	14	0.78	8	4	0.50
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	400.	6	0	0.00				1	0	0.00	2	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1971 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	20	12.	12.3	24.	0.	57.484	7.582	1.	5.75	20.	21.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	20	600.	604.	770.	480.	5204.211	72.14	511.	562.5	635.	718.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	20	9.25	9.365	14.3	5.3	6.827	2.613	5.85	7.3	11.1	13.64
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	20	2.	2.215	5.	1.	0.871	0.933	1.02	1.7	2.75	3.2
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	12	8.1	7.925	8.5	7.2	0.177	0.42	7.23	7.55	8.2	8.44
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	12	8.089	7.729	8.5	7.2	0.219	0.468	7.23	7.55	8.2	8.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	12	0.008	0.019	0.063	0.003	0.	0.02	0.004	0.006	0.029	0.059
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	20	7.6	7.58	8.3	6.6	0.181	0.425	7.	7.3	7.9	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	20	7.6	7.36	8.3	6.6	0.232	0.481	7.	7.3	7.9	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	20	0.025	0.044	0.251	0.005	0.003	0.056	0.01	0.013	0.05	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	1	279.	279.	279.	279.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	20	49.	77.8	360.	3.	7837.642	88.53	6.9	16.5	110.25	214.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-12/08/76	19	8.	13.053	64.	1.	196.053	14.002	1.	7.	14.	26.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	17	0.8	0.859	1.7	0.4	0.098	0.312	0.56	0.6	1.05	1.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	1	344.	344.	344.	344.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	20	19.	25.5	74.	12.	236.368	15.374	14.2	17.	28.75	55.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	20	390.	896.	5100.	10.	1551256.842	1245.495	16.	205.	1400.	2570.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	20	2.59	2.546	3.708	1.	0.512	0.716	1.085	2.311	3.129	3.41
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			351.265								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	20	9.5	11.05	21.	0.	49.524	7.037	0.2	5.5	17.75	19.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	20	590.	619.4	1480.	420.	48030.358	219.158	443.	497.5	650.	698.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	20	8.05	8.78	13.2	3.5	6.341	2.518	6.17	7.025	11.375	12.25
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	20	2.45	3.	7.	1.1	2.287	1.512	1.43	2.1	3.85	5.79
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	6	7.9	7.733	8.	7.2	0.119	0.344	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	6	7.9	7.608	8.	7.2	0.138	0.371	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	6	0.013	0.025	0.063	0.01	0.	0.022	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	20	7.4	7.37	8.1	6.5	0.19	0.435	6.71	7.2	7.7	7.98
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	20	7.389	7.156	8.1	6.5	0.238	0.487	6.71	7.2	7.7	7.98
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	20	0.041	0.07	0.316	0.008	0.006	0.079	0.011	0.02	0.063	0.195
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	20	34.	71.25	310.	3.	6674.092	81.695	12.1	21.25	91.5	241.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-12/08/76	20	7.5	8.75	32.	1.	52.303	7.232	1.2	4.25	10.	19.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	20	1.	1.025	1.8	0.6	0.093	0.304	0.71	0.825	1.1	1.74
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	20	21.5	39.05	292.	15.	3815.945	61.773	15.1	16.	26.5	81.3
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	20	555.	1630.5	16000.	100.	12389236.579	3519.835	222.	272.5	807.5	3390.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	20	2.744	2.818	4.204	2.	0.261	0.51	2.346	2.435	2.907	3.53
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			658.096								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	17	15.	13.059	22.	2.	51.934	7.207	2.	5.5	19.5	21.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	19	620.	627.895	770.	390.	9839.766	99.196	480.	580.	700.	760.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	18	7.4	7.717	12.1	3.4	4.436	2.106	4.93	6.4	9.15	10.75
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	19	2.4	2.705	8.3	1.	3.075	1.754	1.	1.5	3.1	5.2
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	6	8.45	8.417	9.1	7.7	0.202	0.449	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	6	8.447	8.221	9.1	7.7	0.248	0.498	**	**	**	**

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Annual Analysis for 1973 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	6	0.004	0.006	0.02	0.001	0.	0.007	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	19	7.6	7.605	8.2	6.5	0.142	0.376	7.2	7.5	7.8	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	19	7.6	7.385	8.2	6.5	0.193	0.439	7.2	7.5	7.8	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	19	0.025	0.041	0.316	0.006	0.005	0.069	0.01	0.016	0.032	0.063
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	19	22.	33.737	80.	10.	465.205	21.569	12.	16.	53.	71.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-12/08/76	19	6.	5.737	10.	1.	6.871	2.621	3.	3.	8.	10.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	19	0.3	0.395	1.3	0.1	0.077	0.278	0.1	0.2	0.5	0.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	19	0.4	0.511	1.1	0.2	0.045	0.213	0.3	0.4	0.7	0.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	19	0.16	0.163	0.32	0.07	0.003	0.058	0.08	0.12	0.2	0.22
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	19	20.	20.579	48.	9.	63.702	7.981	12.	16.	22.	28.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	18	58.	62.833	125.	38.	341.794	18.488	48.8	53.75	66.25	84.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	18	525.	2215.556	8500.	40.	7189849.673	2681.39	112.	240.	4725.	6610.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	18	2.72	2.928	3.929	1.602	0.473	0.688	2.031	2.38	3.674	3.819
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			848.092								

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Annual Analysis for 1974 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	12	9.	9.333	20.	0.	46.606	6.827	0.3	2.75	15.75	19.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	12	655.	610.	710.	240.	17145.455	130.941	318.	580.	687.5	707.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	12	9.35	9.542	12.4	6.6	4.428	2.104	6.84	7.625	11.95	12.34
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	12	2.25	2.467	4.2	1.4	0.755	0.869	1.43	1.8	3.275	3.96
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	10	8.25	7.7	8.4	3.	2.744	1.657	3.5	8.	8.3	8.39
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	10	8.247	4.	8.4	3.	17.956	4.237	3.5	8.	8.3	8.39
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	10	0.006	100.006	1000.	0.004	99998.741	316.226	0.004	0.005	0.01	900.001
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	12	7.6	7.708	8.4	7.	0.206	0.454	7.03	7.4	8.1	8.37
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	12	7.6	7.509	8.4	7.	0.25	0.5	7.03	7.4	8.1	8.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	12	0.025	0.031	0.1	0.004	0.001	0.03	0.004	0.008	0.04	0.094
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	12	26.5	28.583	70.	4.	391.356	19.783	4.9	12.25	39.25	65.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-12/08/76	12	3.	4.167	12.	1.	10.879	3.298	1.	2.	6.	10.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	12	0.2	0.217	0.3	0.1	0.003	0.058	0.13	0.2	0.275	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	12	0.75	0.742	1.2	0.3	0.059	0.243	0.36	0.6	0.8	1.17
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	12	0.11	0.115	0.2	0.06	0.002	0.041	0.06	0.09	0.145	0.188
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	12	21.5	24.917	58.	15.	129.356	11.373	15.3	18.5	27.75	49.3
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	12	66.5	67.25	112.	50.	322.75	17.965	50.	52.5	70.	104.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	11	440.	1035.455	5500.	30.	2691787.273	1640.667	30.	50.	1400.	4860.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	11	2.643	2.488	3.74	1.477	0.609	0.781	1.477	1.699	3.146	3.665
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			307.352								

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Annual Analysis for 1975 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	12	11.	10.667	21.	0.	58.788	7.667	0.	3.	18.	21.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	12	585.	566.667	670.	380.	7751.515	88.043	404.	500.	642.5	667.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	12	9.5	9.292	12.6	5.8	4.232	2.057	6.1	7.45	10.775	12.33
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	12	2.55	2.458	3.7	1.1	0.614	0.783	1.19	1.925	3.075	3.55
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	2	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	2	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	2	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	12	7.6	7.408	7.8	6.8	0.15	0.387	6.83	6.95	7.775	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	12	7.6	7.245	7.8	6.8	0.179	0.423	6.83	6.95	7.775	7.8

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Annual Analysis for 1975 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	12	0.025	0.057	0.158	0.016	0.003	0.052	0.016	0.017	0.114	0.149
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	12	20.5	25.583	75.	4.	491.902	22.179	4.6	11.5	24.75	72.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-12/08/76	12	6.5	7.417	17.	1.	26.629	5.16	1.3	2.5	12.25	16.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	12	0.35	0.292	0.5	0.1	0.021	0.144	0.1	0.125	0.4	0.47
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	12	0.7	0.75	1.7	0.2	0.179	0.423	0.26	0.4	0.95	1.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	12	0.1	0.137	0.47	0.04	0.016	0.125	0.043	0.07	0.138	0.419
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	12	22.	22.75	36.	14.	29.659	5.446	15.5	19.25	24.75	33.6
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	12	62.	62.	75.	43.	77.636	8.811	46.9	56.	67.5	74.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	12	335.	1338.333	7300.	30.	6484506.061	2546.469	30.	52.5	570.	6970.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	12	2.498	2.455	3.863	1.477	0.637	0.798	1.477	1.719	2.754	3.842
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			285.109								

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Annual Analysis for 1976 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	12	12.	10.417	19.	0.	53.902	7.342	0.3	2.	17.75	18.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	12	565.	544.167	670.	300.	12371.97	111.229	333.	470.	635.	667.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	12	8.2	8.733	13.5	5.6	7.739	2.782	5.66	6.275	11.725	13.17
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	12	2.05	2.383	5.4	0.5	1.747	1.322	0.77	1.55	2.975	5.04
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	9	7.5	7.278	7.7	6.6	0.179	0.424	6.6	6.8	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	9	7.5	7.079	7.7	6.6	0.224	0.473	6.6	6.8	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	9	0.032	0.083	0.251	0.02	0.008	0.088	0.02	0.025	0.163	0.251
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	12	7.65	7.617	7.9	7.3	0.036	0.19	7.3	7.5	7.775	7.87
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	12	7.647	7.577	7.9	7.3	0.038	0.194	7.3	7.5	7.775	7.87
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	12	0.023	0.026	0.05	0.013	0.	0.013	0.014	0.017	0.032	0.05
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	12	20.5	65.	300.	2.	8539.455	92.409	2.3	5.5	120.	261.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/23/71-12/08/76	12	3.5	8.792	30.	0.5	87.975	9.38	0.65	2.	15.5	27.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	12	0.2	0.279	0.7	0.05	0.038	0.195	0.065	0.125	0.45	0.64
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	12	0.65	0.75	1.6	0.3	0.137	0.371	0.33	0.5	0.975	1.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	12	0.12	0.22	0.86	0.06	0.051	0.225	0.066	0.103	0.248	0.728
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	12	23.	22.667	32.	14.	21.697	4.658	14.6	21.	25.5	30.2
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	12	60.	61.167	74.	50.	64.515	8.032	50.3	55.25	67.75	73.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	12	700.	4577.917	35000.	5.	99781933.902	9989.091	12.5	82.5	5200.	27140.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	12	2.807	2.701	4.544	0.699	1.25	1.118	0.932	1.916	3.656	4.364
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			501.844								

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Annual Analysis for 1977 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	11	14.	12.182	22.	0.	53.364	7.305	0.2	7.	17.	21.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	11	660.	647.273	740.	510.	4701.818	68.57	516.	630.	700.	732.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	11	8.4	8.836	11.7	6.6	3.323	1.823	6.66	7.4	10.7	11.64
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	11	2.	2.073	4.	1.	0.682	0.826	1.04	1.4	2.4	3.74
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	11	7.5	7.464	7.7	6.8	0.071	0.266	6.9	7.3	7.7	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	11	7.5	7.368	7.7	6.8	0.081	0.284	6.9	7.3	7.7	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	11	0.032	0.043	0.158	0.02	0.002	0.04	0.02	0.02	0.05	0.137
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	11	7.6	7.609	8.	7.4	0.037	0.192	7.4	7.4	7.7	7.96
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	11	7.6	7.574	8.	7.4	0.038	0.196	7.4	7.4	7.7	7.96
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	11	0.025	0.027	0.04	0.01	0.	0.01	0.011	0.02	0.04	0.04
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	11	27.	30.955	95.	0.5	641.023	25.318	1.6	15.	41.	84.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	11	0.2	0.168	0.3	0.05	0.009	0.093	0.05	0.05	0.2	0.3

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Annual Analysis for 1977 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	11	0.7	0.745	1.4	0.3	0.079	0.281	0.34	0.6	0.8	1.32
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	11	0.13	0.126	0.26	0.03	0.004	0.06	0.038	0.09	0.15	0.244
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	11	24.	26.455	35.	22.	28.873	5.373	22.	23.	34.	35.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	11	68.	67.818	88.	54.	97.364	9.867	54.8	60.	73.	86.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	10	195.	1236.	9000.	30.	7786071.111	2790.353	33.	67.5	800.	8300.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	10	2.29	2.403	3.954	1.477	0.556	0.746	1.507	1.828	2.777	3.889
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			252.863								

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Annual Analysis for 1978 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	11	12.	12.091	22.	1.	68.491	8.276	1.	1.	21.	21.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	11	640.	613.636	760.	330.	12545.455	112.006	376.	580.	700.	748.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	11	7.8	9.009	13.1	6.2	6.885	2.624	6.22	6.5	11.6	12.96
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	11	1.9	2.345	5.2	0.5	2.371	1.54	0.6	1.4	3.2	5.16
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	9	7.6	7.489	7.9	6.8	0.131	0.362	6.8	7.25	7.8	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	9	7.6	7.338	7.9	6.8	0.157	0.396	6.8	7.25	7.8	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	9	0.025	0.046	0.158	0.013	0.002	0.047	0.013	0.016	0.06	0.158
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	11	7.7	7.709	8.3	7.2	0.109	0.33	7.22	7.5	8.	8.26
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	11	7.7	7.604	8.3	7.2	0.121	0.348	7.22	7.5	8.	8.26
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	11	0.02	0.025	0.063	0.005	0.	0.018	0.006	0.01	0.032	0.061
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	11	26.	34.455	94.	1.	768.073	27.714	2.4	12.	48.	88.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	11	0.1	0.136	0.3	0.05	0.008	0.087	0.05	0.05	0.2	0.28
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	11	0.8	0.809	1.8	0.4	0.167	0.409	0.4	0.5	0.9	1.68
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	11	0.1	0.116	0.19	0.05	0.003	0.05	0.054	0.07	0.17	0.186
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	11	25.	26.091	32.	22.	7.691	2.773	22.4	24.	28.	31.4
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	11	56.	59.182	78.	40.	136.164	11.669	41.8	51.	66.	78.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	11	230.	3705.909	38000.	5.	129424644.091	11376.495	14.	70.	590.	30548.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	11	2.362	2.394	4.58	0.699	0.899	0.948	0.899	1.845	2.771	4.238
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			247.983								

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Annual Analysis for 1979 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	10	12.	12.3	22.	1.	43.122	6.567	1.4	8.	18.5	21.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	10	690.	694.	900.	430.	19026.667	137.937	448.	617.5	805.	898.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	10	9.1	8.68	12.9	4.3	5.473	2.339	4.53	6.75	9.9	12.6
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	10	1.6	1.66	2.8	1.	0.345	0.587	1.	1.15	2.125	2.74
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	7	7.8	7.857	8.2	7.7	0.033	0.181	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	7	7.8	7.829	8.2	7.7	0.034	0.184	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	7	0.016	0.015	0.02	0.006	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	10	7.75	7.72	8.3	6.7	0.202	0.449	6.76	7.6	8.025	8.28
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	10	7.747	7.443	8.3	6.7	0.287	0.536	6.76	7.6	8.025	8.28
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	10	0.018	0.036	0.2	0.005	0.003	0.059	0.005	0.009	0.027	0.185
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	10	27.	30.7	66.	5.	406.678	20.166	5.2	16.75	48.75	65.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	10	0.1	0.16	0.3	0.1	0.007	0.084	0.1	0.1	0.225	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	10	1.	1.03	1.6	0.5	0.109	0.33	0.53	0.8	1.275	1.59
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	10	0.17	0.166	0.26	0.08	0.004	0.062	0.081	0.105	0.215	0.257
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	10	26.	26.5	31.	24.	4.722	2.173	24.1	25.	27.5	30.8
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	10	59.5	63.	83.	51.	107.556	10.371	51.4	55.75	71.75	82.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	10	585.	1039.	4800.	110.	2136276.667	1461.601	111.	157.5	1232.5	4540.

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Annual Analysis for 1979 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	10	2.764	2.698	3.681	2.041	0.302	0.55	2.045	2.193	3.055	3.647
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			499.027								

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Annual Analysis for 1980 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	11	10.	11.818	21.	0.	67.564	8.22	0.4	3.	20.	20.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	4	74.	231.5	720.	58.	106126.333	325.77	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	11	636.	638.455	800.	500.	8027.873	89.598	502.	600.	707.	784.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	10	7.9	8.74	12.	5.2	7.24	2.691	5.31	6.375	11.825	11.99
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	11	1.4	1.873	5.	1.	1.528	1.236	1.	1.1	2.7	4.6
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	9	7.6	7.522	7.7	7.1	0.039	0.199	7.1	7.4	7.7	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	9	7.6	7.476	7.7	7.1	0.042	0.205	7.1	7.4	7.7	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	9	0.025	0.033	0.079	0.02	0.	0.019	0.02	0.02	0.04	0.079
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	11	7.4	7.436	7.8	7.1	0.059	0.242	7.1	7.2	7.6	7.78
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	11	7.4	7.376	7.8	7.1	0.063	0.25	7.1	7.2	7.6	7.78
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	11	0.04	0.042	0.079	0.016	0.001	0.023	0.017	0.025	0.063	0.079
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	11	35.	33.182	110.	2.	1054.964	32.48	2.8	7.	43.	100.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	11	0.1	0.2	0.7	0.1	0.032	0.179	0.1	0.1	0.2	0.62
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-12/17/85	11	0.6	0.673	1.7	0.3	0.154	0.393	0.32	0.4	0.8	1.54
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	11	0.8	0.945	2.5	0.5	0.313	0.559	0.52	0.6	1.	2.24
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	11	0.13	0.129	0.21	0.05	0.003	0.053	0.054	0.09	0.18	0.208
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	11	6.1	7.	16.5	3.	14.39	3.793	3.24	4.3	9.2	15.26
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	11	26.	26.818	33.	23.	11.564	3.401	23.	24.	29.	32.6
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	11	63.	63.909	80.	53.	78.091	8.837	53.	56.	74.	78.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	10	300.	1612.5	13000.	10.	16129673.611	4016.176	13.	43.75	880.	11800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	10	2.461	2.383	4.114	1.	0.789	0.888	1.06	1.64	2.943	4.003
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			241.344								

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Annual Analysis for 1981 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	11	10.	12.455	25.	3.	51.673	7.188	3.4	5.	19.	24.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	11	240.	405.273	999.	19.	156318.218	395.371	31.6	120.	999.	999.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	11	560.	582.727	920.	370.	19501.818	139.649	394.	500.	660.	872.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	11	9.1	9.	13.5	6.9	4.436	2.106	6.9	7.	10.2	13.04
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	11	1.6	1.755	2.8	1.	0.327	0.572	1.04	1.3	2.2	2.7
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	11	7.6	7.527	7.7	7.2	0.028	0.168	7.22	7.4	7.7	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	11	7.6	7.495	7.7	7.2	0.029	0.171	7.22	7.4	7.7	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	11	0.025	0.032	0.063	0.02	0.	0.014	0.02	0.02	0.04	0.061
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	11	7.5	7.573	8.3	7.	0.156	0.395	7.02	7.3	7.9	8.22
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	11	7.5	7.428	8.3	7.	0.179	0.423	7.02	7.3	7.9	8.22
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	11	0.032	0.037	0.1	0.005	0.001	0.03	0.007	0.013	0.05	0.096
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	11	30.	34.727	100.	2.	674.218	25.966	4.8	19.	47.	90.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	11	0.1	0.155	0.4	0.1	0.011	0.104	0.1	0.1	0.2	0.38
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-12/17/85	11	0.7	0.655	0.9	0.3	0.051	0.225	0.32	0.4	0.9	0.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	11	0.7	0.936	1.9	0.4	0.253	0.503	0.42	0.6	1.1	1.88
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	11	0.11	0.108	0.18	0.05	0.002	0.044	0.052	0.07	0.15	0.176
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	11	8.6	9.391	15.3	4.6	16.877	4.108	4.7	5.1	14.2	15.28
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	11	24.	34.	91.	19.	462.	21.494	19.2	20.	47.	82.4
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	11	56.	56.273	71.	41.	103.218	10.16	41.2	49.	64.	71.

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Annual Analysis for 1981 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	11	450.	899.091	3800.	10.	1322549.091	1150.021	16.	130.	1300.	3460.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	11	2.653	2.543	3.58	1.	0.575	0.758	1.12	2.114	3.114	3.528
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			349.346								

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Annual Analysis for 1982 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	10	11.5	11.7	21.	4.	40.011	6.325	4.1	5.75	18.25	20.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	9	68.	82.222	200.	10.	5491.444	74.104	10.	18.	150.	200.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	10	605.	564.	680.	320.	11871.111	108.955	336.	502.5	645.	678.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	10	9.1	8.72	10.6	5.9	2.037	1.427	6.04	7.375	9.7	10.54
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	10	1.85	2.1	4.9	1.1	1.244	1.116	1.11	1.35	2.425	4.69
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	10	7.7	7.67	7.8	7.4	0.016	0.125	7.42	7.6	7.8	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	10	7.7	7.653	7.8	7.4	0.016	0.127	7.42	7.6	7.8	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	10	0.02	0.022	0.04	0.016	0.	0.007	0.016	0.016	0.025	0.038
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	10	7.8	7.74	7.9	7.5	0.018	0.135	7.51	7.6	7.825	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	10	7.8	7.72	7.9	7.5	0.019	0.137	7.51	7.6	7.825	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	10	0.016	0.019	0.032	0.013	0.	0.006	0.013	0.015	0.025	0.031
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	2	217.5	217.5	244.	191.	1404.5	37.477	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	10	41.	38.7	75.	7.	544.456	23.334	7.2	18.	55.25	74.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	10	0.1	0.14	0.3	0.1	0.005	0.07	0.1	0.1	0.2	0.29
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-12/17/85	10	0.6	0.61	1.1	0.3	0.048	0.218	0.31	0.475	0.7	1.06
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	10	0.7	0.8	1.3	0.5	0.073	0.271	0.51	0.6	0.975	1.29
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	10	0.11	0.11	0.2	0.07	0.001	0.037	0.07	0.078	0.12	0.192
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	10	6.45	6.89	11.3	5.1	3.732	1.932	5.1	5.4	8.075	11.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	2	276.	276.	303.	249.	1458.	38.184	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	10	27.	32.2	74.	21.	228.844	15.128	21.3	25.5	32.	69.8
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	10	52.5	52.9	69.	27.	140.544	11.855	28.8	47.25	61.75	68.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	10	250.	389.	990.	10.	104187.778	322.781	22.	137.5	717.5	965.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	10	2.395	2.375	2.996	1.	0.329	0.573	1.111	2.138	2.856	2.983
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			237.179								

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Annual Analysis for 1983 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	9	16.	13.778	26.	5.	56.194	7.496	5.	6.	19.5	26.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	9	34.	42.	100.	18.	700.	26.458	18.	27.	54.	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	8	585.	567.5	680.	380.	10650.	103.199	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	9	9.8	9.556	12.5	7.1	2.155	1.468	7.1	8.7	10.1	12.5
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	8	1.55	1.65	2.3	1.	0.283	0.532	**	**	**	**
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	8	7.8	7.813	8.	7.7	0.013	0.113	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	8	7.8	7.8	8.	7.7	0.013	0.113	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	8	0.016	0.016	0.02	0.01	0.	0.004	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	8	7.55	7.55	7.7	7.4	0.009	0.093	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	8	7.547	7.541	7.7	7.4	0.009	0.093	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	8	0.028	0.029	0.04	0.02	0.	0.006	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	8	39.	35.	53.	4.	269.714	16.423	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	9	0.2	0.244	0.7	0.1	0.035	0.188	0.1	0.1	0.3	0.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-12/17/85	9	0.9	0.933	1.8	0.4	0.183	0.427	0.4	0.6	1.2	1.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	9	0.6	0.889	2.	0.5	0.279	0.528	0.5	0.55	1.3	2.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	9	0.11	0.117	0.15	0.07	0.001	0.029	0.07	0.095	0.15	0.15

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Annual Analysis for 1983 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	9	5.3	5.844	9.8	3.3	5.768	2.402	3.3	4.	8.15	9.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	8	26.	25.75	28.	24.	1.929	1.389	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	8	58.	59.625	77.	41.	107.411	10.364	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	9	630.	884.444	4000.	10.	1486702.778	1219.304	10.	140.	910.	4000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	9	2.799	2.527	3.602	1.	0.648	0.805	1.	1.938	2.949	3.602
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			336.716								

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Annual Analysis for 1984 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	11	13.	12.182	22.	1.	50.564	7.111	1.6	7.	20.	21.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	10	28.5	35.	120.	9.	1026.	32.031	9.4	15.25	41.	112.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	11	650.	631.818	700.	500.	2896.364	53.818	516.	620.	660.	696.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	11	9.2	9.282	13.6	6.4	7.208	2.685	6.44	6.7	11.9	13.38
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	11	1.8	2.136	4.3	1.1	0.815	0.903	1.18	1.6	2.3	4.08
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	9	7.9	7.833	8.1	7.5	0.048	0.218	7.5	7.6	8.	8.1
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	9	7.9	7.783	8.1	7.5	0.05	0.224	7.5	7.6	8.	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	9	0.013	0.016	0.032	0.008	0.	0.009	0.008	0.01	0.025	0.032
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	11	7.5	7.536	7.9	7.1	0.035	0.186	7.18	7.5	7.6	7.84
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	11	7.5	7.497	7.9	7.1	0.036	0.19	7.18	7.5	7.6	7.84
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	11	0.032	0.032	0.079	0.013	0.	0.017	0.015	0.025	0.032	0.07
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	11	26.	31.455	70.	5.	463.473	21.528	5.2	13.	43.	68.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	11	0.2	0.227	0.4	0.1	0.008	0.09	0.1	0.2	0.3	0.38
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-12/17/85	11	0.7	0.773	1.2	0.5	0.038	0.195	0.52	0.7	0.9	1.16
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	11	0.7	0.845	1.3	0.5	0.089	0.298	0.5	0.6	1.2	1.28
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	11	0.11	0.109	0.16	0.06	0.001	0.029	0.062	0.08	0.13	0.154
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	11	4.8	5.5	13.2	2.2	10.454	3.233	2.3	2.9	7.9	12.18
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	11	29.	30.273	41.	25.	20.818	4.563	25.4	28.	32.	40.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	11	61.	64.	82.	46.	107.8	10.383	48.2	58.	75.	81.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	11	1840.	2980.909	12000.	150.	15077029.091	3882.915	170.	290.	4500.	11260.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	11	3.265	3.068	4.079	2.176	0.455	0.674	2.22	2.462	3.653	4.047
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1168.408								

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Annual Analysis for 1985 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	10	13.5	13.4	22.	1.	35.6	5.967	1.7	10.25	18.	21.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	12	18.	26.417	144.	4.	1455.72	38.154	4.3	6.25	26.75	109.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	12	620.	587.5	700.	290.	10784.091	103.846	359.	565.	627.5	685.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	12	8.1	8.242	11.3	6.	3.101	1.761	6.09	6.675	9.875	11.06
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	12	1.9	1.842	3.5	0.5	0.844	0.919	0.5	1.225	2.65	3.29
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	10	7.8	7.78	8.	7.5	0.02	0.14	7.51	7.75	7.825	7.99
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	10	7.8	7.758	8.	7.5	0.02	0.142	7.51	7.75	7.825	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	10	0.016	0.017	0.032	0.01	0.	0.006	0.01	0.015	0.018	0.031
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	12	7.65	7.542	7.8	6.9	0.068	0.261	6.99	7.425	7.7	7.77
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	12	7.647	7.449	7.8	6.9	0.077	0.278	6.99	7.425	7.7	7.77
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	12	0.023	0.036	0.126	0.016	0.001	0.031	0.017	0.02	0.038	0.107
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	10	448.5	439.1	460.	360.	841.878	29.015	367.	437.5	453.	459.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	12	21.5	27.25	106.	3.	812.568	28.506	3.	7.5	36.	87.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	12	0.2	0.204	0.5	0.05	0.015	0.121	0.065	0.1	0.275	0.44
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-12/17/85	12	0.7	0.642	0.9	0.1	0.052	0.227	0.19	0.525	0.8	0.9

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Annual Analysis for 1985 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	12	0.55	0.6	1.2	0.3	0.056	0.237	0.33	0.425	0.7	1.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	12	0.09	0.102	0.21	0.04	0.002	0.048	0.043	0.058	0.128	0.192
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	6	4.65	4.833	7.6	3.3	2.491	1.578	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	12	27.5	26.917	33.	12.	30.083	5.485	15.6	25.25	31.25	32.7
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	12	66.5	64.	78.	30.	168.909	12.997	38.1	57.5	73.75	78.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	12	330.	446.667	1700.	50.	224569.697	473.888	59.	112.5	595.	1478.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	12	2.517	2.447	3.23	1.699	0.204	0.451	1.76	2.044	2.765	3.156
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			279.64								

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Annual Analysis for 1986 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	12	9.5	10.417	22.	0.	59.72	7.728	0.3	2.5	17.5	21.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	12	15.	22.75	63.	4.	392.75	19.818	4.9	7.5	35.25	60.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	12	561.	598.667	998.	412.	26243.152	161.997	425.5	477.	706.	914.6
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	12	9.4	9.167	12.7	4.8	5.801	2.408	5.4	7.075	11.25	12.55
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	6	2.05	2.183	3.4	1.7	0.398	0.631	**	**	**	**
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	12	7.7	7.658	7.9	7.4	0.035	0.188	7.4	7.5	7.8	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	12	7.7	7.621	7.9	7.4	0.037	0.192	7.4	7.5	7.8	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	12	0.02	0.024	0.04	0.013	0.	0.01	0.013	0.016	0.032	0.04
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	12	7.8	7.817	8.1	7.6	0.018	0.134	7.63	7.725	7.875	8.07
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	12	7.8	7.799	8.1	7.6	0.018	0.135	7.63	7.725	7.875	8.07
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	12	0.016	0.016	0.025	0.008	0.	0.005	0.009	0.013	0.019	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	12	243.	246.5	276.	212.	445.182	21.099	215.6	228.	267.	274.8
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	12	478.5	484.25	578.	412.	2502.568	50.026	413.5	453.	506.25	573.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	12	24.	31.333	106.	1.	1081.879	32.892	1.6	6.25	54.	96.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	12	0.2	0.192	0.3	0.1	0.006	0.079	0.1	0.1	0.275	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	12	0.65	0.9	3.8	0.3	0.88	0.938	0.33	0.425	0.875	2.96
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	12	0.095	0.122	0.27	0.06	0.004	0.06	0.066	0.08	0.163	0.243
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	12	322.	320.333	364.	282.	939.515	30.652	282.6	288.5	351.	362.8
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-07/27/92	11	0.8	1.127	2.	0.4	0.504	0.71	0.42	0.5	2.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	11	970.	954.545	2300.	80.	392067.273	626.153	92.	520.	1300.	2120.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	11	2.987	2.84	3.362	1.903	0.194	0.44	1.952	2.716	3.114	3.319
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			691.296								

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Annual Analysis for 1987 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	11	14.	11.818	22.	0.	62.764	7.922	0.2	5.	20.	21.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	10	14.	33.9	100.	3.	1598.767	39.985	3.1	4.	77.5	100.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	11	411.	393.727	465.	304.	3514.618	59.284	306.2	316.	435.	463.8
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	11	7.5	9.3	16.2	5.1	14.966	3.869	5.26	6.4	13.	16.04
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	5	2.1	2.04	3.	1.2	0.473	0.688	**	**	**	**
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	10	7.65	7.63	8.1	7.	0.116	0.34	7.03	7.375	7.925	8.09
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	10	7.647	7.504	8.1	7.	0.133	0.365	7.03	7.375	7.925	8.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	10	0.023	0.031	0.1	0.008	0.001	0.028	0.008	0.012	0.042	0.095
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	10	7.7	7.68	8.	7.1	0.062	0.249	7.14	7.575	7.825	7.99
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	10	7.7	7.602	8.	7.1	0.069	0.262	7.14	7.575	7.825	7.99
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	10	0.02	0.025	0.079	0.01	0.	0.02	0.01	0.015	0.027	0.075
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	10	247.	232.6	272.	142.	1880.044	43.359	146.2	206.5	270.	271.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	9	447.	446.778	476.	404.	402.944	20.073	404.	441.	459.5	476.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	10	25.	38.6	123.	3.	1676.933	40.95	3.1	5.5	68.5	120.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	11	0.2	0.195	0.3	0.05	0.009	0.096	0.06	0.1	0.3	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	11	0.5	0.655	1.4	0.4	0.111	0.333	0.4	0.5	0.7	1.36
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	11	0.11	0.133	0.24	0.04	0.005	0.067	0.046	0.07	0.21	0.236
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	10	322.	300.4	344.	184.	2951.822	54.331	188.8	265.	342.	343.8
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-07/27/92	11	1.	1.436	3.	0.6	0.629	0.793	0.62	0.7	2.	2.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-07/27/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	10	1435.	2634.5	8100.	5.	8295658.056	2880.218	9.5	500.	5225.	7940.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	10	3.104	2.908	3.908	0.699	1.025	1.012	0.799	2.534	3.714	3.899
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			809.029								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	12	10.5	11.333	25.	1.	55.879	7.475	1.3	5.5	16.5	24.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	7	16.	26.429	86.	6.	777.286	27.88	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	12	494.	531.25	790.	375.	17717.477	133.107	378.	433.25	641.5	765.7
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	12	7.9	8.692	11.8	6.1	4.557	2.135	6.28	6.9	11.1	11.74
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	6	1.4	1.817	3.3	1.	0.902	0.95	**	**	**	**
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	12	7.6	7.65	8.1	7.3	0.059	0.243	7.33	7.5	7.85	8.07
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	12	7.6	7.594	8.1	7.3	0.062	0.25	7.33	7.5	7.85	8.07
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	12	0.025	0.025	0.05	0.008	0.	0.012	0.009	0.014	0.032	0.047
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	12	7.75	7.7	8.1	7.1	0.06	0.245	7.22	7.6	7.8	8.04
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	12	7.747	7.624	8.1	7.1	0.066	0.257	7.22	7.6	7.8	8.04
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	12	0.018	0.024	0.079	0.008	0.	0.019	0.009	0.016	0.025	0.065
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	12	239.	220.417	262.	150.	1570.265	39.627	157.2	181.	252.25	261.7
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	12	453.	453.083	511.	397.	914.629	30.243	402.7	433.	475.25	501.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	12	29.	36.25	96.	5.	791.477	28.133	7.1	12.25	58.	87.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	12 ##	0.125	0.167	0.5	0.05	0.021	0.145	0.05	0.05	0.275	0.44
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	12	1.25	1.35	3.	0.5	0.477	0.691	0.53	0.9	1.7	2.67
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	12	0.13	0.535	2.84	0.04	0.889	0.943	0.049	0.083	0.375	2.648
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	12	327.	311.667	370.	250.	1741.697	41.734	251.2	269.	341.5	365.8
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-07/27/92	11	2.	1.436	2.	0.6	0.431	0.656	0.6	0.8	2.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-07/27/92	11 ##	5.	6.364	20.	5.	20.455	4.523	5.	5.	5.	17.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	3	520.	383.333	570.	60.	79033.333	281.129	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	3	2.716	2.417	2.756	1.778	0.306	0.553	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			261.022								
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	9	1100.	7684.444	49000.	30.	259334202.778	16103.857	30.	165.	7950.	49000.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	9	3.041	3.021	4.69	1.477	1.024	1.012	1.477	2.151	3.712	4.69
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			1049.783								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	11	15.3	13.113	23.8	-0.06	56.707	7.53	2.74	-0.06	19.3	23.04
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	6	9.	9.217	15.	3.8	25.202	5.02	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	11	612.	597.182	702.	381.	6128.964	78.288	420.8	593.	628.	688.2
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	11	8.1	9.155	13.7	7.4	4.109	2.027	7.42	7.9	10.	13.38
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	5	1.1	1.2	2.	0.5	0.305	0.552	**	**	**	**
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	11	7.9	7.755	8.	7.4	0.047	0.217	7.4	7.57	7.9	7.982

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Annual Analysis for 1989 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	11	7.9	7.702	8.	7.4	0.05	0.224	7.4	7.57	7.9	7.982
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	11	0.013	0.02	0.04	0.01	0.	0.011	0.01	0.013	0.027	0.04
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	11	8.1	8.009	8.2	7.7	0.033	0.181	7.7	7.9	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	11	8.1	7.972	8.2	7.7	0.034	0.186	7.7	7.9	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	11	0.008	0.011	0.02	0.006	0.	0.005	0.006	0.008	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	11	262.	250.909	289.	166.	1324.491	36.394	172.4	250.	274.	286.4
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	11	469.	480.545	644.	424.	3331.673	57.721	428.	452.	482.	615.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	11	22.	32.455	168.	2.	2162.673	46.505	2.	6.	35.	141.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	11 ##	0.05	0.123	0.4	0.05	0.013	0.115	0.05	0.05	0.2	0.36
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	11	1.1	1.118	1.5	0.6	0.06	0.244	0.66	1.	1.3	1.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	11	0.09	0.125	0.4	0.04	0.01	0.102	0.04	0.06	0.15	0.356
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	11	340.	326.545	371.	242.	1161.873	34.086	252.	322.	344.	365.6
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-07/27/92	11	1.	1.364	4.	0.6	0.983	0.991	0.62	0.9	2.	3.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-07/27/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	11	300.	773.636	3300.	70.	952585.455	976.005	84.	200.	1200.	2980.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	11	2.477	2.625	3.519	1.845	0.247	0.497	1.905	2.301	3.079	3.461
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			421.301								

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Annual Analysis for 1990 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	11	13.2	11.345	20.	2.	37.483	6.122	2.36	4.4	15.5	19.52
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	4	22.	23.25	45.	4.	306.25	17.5	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	9	602.	634.	762.	498.	7276.75	85.304	498.	580.	713.	762.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	10	10.6	9.97	13.8	5.5	7.649	2.766	5.61	7.35	12.275	13.67
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	5	1.2	1.24	2.6	0.5	0.743	0.862	**	**	**	**
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	10	7.72	7.667	7.88	7.3	0.042	0.206	7.303	7.54	7.835	7.877
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	10	7.718	7.618	7.88	7.3	0.045	0.212	7.303	7.54	7.835	7.877
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	10	0.019	0.024	0.05	0.013	0.	0.013	0.013	0.015	0.03	0.05
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	12	8.	7.95	8.2	7.4	0.05	0.224	7.49	7.9	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	12	8.	7.886	8.2	7.4	0.054	0.233	7.49	7.9	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	12	0.01	0.013	0.04	0.006	0.	0.009	0.006	0.008	0.013	0.034
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	12	250.	230.333	279.	74.	3251.333	57.02	105.2	213.	259.5	279.
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	12	447.5	437.083	494.	359.	1963.356	44.31	362.6	401.5	469.5	492.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	12	18.5	25.583	144.	1.	1483.174	38.512	1.3	4.25	26.	109.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	11 ##	0.05	0.077	0.2	0.05	0.004	0.061	0.05	0.05	0.05	0.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	11	1.1	1.155	1.8	0.4	0.159	0.398	0.46	1.	1.5	1.74
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	11	0.07	0.075	0.22	0.03	0.003	0.052	0.032	0.04	0.09	0.194
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	12	307.	290.833	350.	89.	4864.879	69.749	134.3	289.	330.25	346.4
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-07/27/92	12	0.95	1.317	5.	0.5	1.611	1.269	0.5	0.6	1.75	4.1
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-07/27/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	11	210.	599.545	3200.	5.	871772.273	933.687	8.	120.	900.	2780.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	11	2.322	2.302	3.505	0.699	0.625	0.791	0.819	2.079	2.954	3.412
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			200.522								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	8	12.45	12.863	29.7	0.5	91.894	9.586	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	8	599.5	583.	668.	472.	4314.	65.681	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	7	8.9	9.329	11.1	8.	1.252	1.119	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	5 ##	0.5	0.8	2.	0.5	0.45	0.671	**	**	**	**
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	7	7.61	7.637	7.97	7.3	0.064	0.253	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	7	7.61	7.576	7.97	7.3	0.069	0.262	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	7	0.025	0.027	0.05	0.011	0.	0.015	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	11	7.7	7.664	8.	6.9	0.095	0.307	7.	7.6	7.9	7.98
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	11	7.7	7.531	8.	6.9	0.114	0.337	7.	7.6	7.9	7.98
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	11	0.02	0.029	0.126	0.01	0.001	0.033	0.011	0.013	0.025	0.109
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	11	244.	224.364	328.	116.	3859.455	62.125	123.6	160.	265.	316.6
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	11	453.	439.909	596.	306.	5950.691	77.141	313.4	411.	472.	578.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	11	18.	25.545	73.	4.	459.473	21.435	4.8	13.	30.	70.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	11 ##	0.05	0.086	0.4	0.05	0.011	0.105	0.05	0.05	0.05	0.34
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	11	1.	1.064	1.7	0.5	0.177	0.42	0.52	0.6	1.3	1.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	11	0.06	0.07	0.16	0.015	0.002	0.042	0.018	0.04	0.1	0.15
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	11	309.	286.545	335.	172.	3173.273	56.332	180.4	237.	333.	334.6
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-07/27/92	9	1.	1.167	2.	0.7	0.233	0.482	0.7	0.9	1.5	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-07/27/92	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	11	280.	1506.364	5000.	70.	3234585.455	1798.495	74.	100.	3000.	4780.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	11	2.447	2.723	3.699	1.845	0.536	0.732	1.867	2.	3.477	3.677
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			528.877								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	5	10.3	10.7	17.2	5.5	25.665	5.066	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	5	611.	610.2	631.	570.	621.7	24.934	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	5	7.6	8.44	11.3	6.9	3.248	1.802	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	3	1.5	1.2	1.6	0.5	0.37	0.608	**	**	**	**
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	5	7.93	7.648	8.04	7.01	0.24	0.49	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	5	7.93	7.428	8.04	7.01	0.301	0.549	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	5	0.012	0.037	0.098	0.009	0.002	0.04	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	6	7.75	7.7	7.9	7.5	0.028	0.167	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	6	7.747	7.673	7.9	7.5	0.029	0.17	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	6	0.018	0.021	0.032	0.013	0.	0.008	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	6	239.5	240.667	268.	215.	510.267	22.589	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	6	516.	542.	702.	452.	8082.8	89.904	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	6	24.	24.667	59.	8.	340.667	18.457	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	6 ##	0.05	0.075	0.2	0.05	0.004	0.061	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	5	1.3	1.94	4.4	0.8	2.123	1.457	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	6	0.08	0.108	0.24	0.04	0.006	0.077	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	6	331.5	336.833	384.	306.	1047.367	32.363	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-07/27/92	5	1.	1.22	2.	0.5	0.542	0.736	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-07/27/92	5 ##	2.	3.2	5.	2.	2.7	1.643	**	**	**	**
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	6	360.	331.667	760.	40.	66216.667	257.326	**	**	**	**
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	6	2.556	2.355	2.881	1.602	0.227	0.477	**	**	**	**
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			226.392								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 9/16 to 1/15 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	80	10.	8.824	22.	-0.06	30.916	5.56	1.	5.	13.925	15.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	31	19.	104.203	999.	3.8	46724.367	216.158	4.8	7.	90.	288.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	80	620.	605.	900.	290.	15051.797	122.686	431.9	532.5	680.	759.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	80	9.15	9.421	13.7	3.4	4.138	2.034	6.81	7.825	10.8	12.38
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	69	1.7	2.004	5.9	0.5	1.392	1.18	1.	1.15	2.4	3.4
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	60	7.7	7.717	9.1	6.9	0.131	0.362	7.31	7.5	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	60	7.7	7.592	9.1	6.9	0.147	0.383	7.31	7.5	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	60	0.02	0.026	0.126	0.001	0.	0.021	0.006	0.013	0.032	0.049
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	82	7.7	7.635	8.4	6.5	0.107	0.328	7.2	7.5	7.825	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	82	7.7	7.479	8.4	6.5	0.132	0.364	7.2	7.5	7.825	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	82	0.02	0.033	0.316	0.004	0.002	0.044	0.01	0.015	0.032	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	23	260.	230.783	289.	74.	3154.269	56.163	151.6	184.	270.	279.
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	27	452.	439.926	499.	306.	1756.533	41.911	359.8	424.	469.	479.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	82	18.	28.75	360.	0.5	2165.569	46.536	3.	6.	30.	65.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	71	0.1	0.175	0.7	0.05	0.018	0.134	0.05	0.1	0.3	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	76	0.7	0.863	3.	0.2	0.225	0.474	0.4	0.6	1.1	1.53
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	76	0.11	0.238	2.84	0.03	0.212	0.46	0.06	0.08	0.16	0.415
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	23	325.	301.696	371.	89.	4135.767	64.31	221.2	272.	342.	366.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	59	24.	26.508	84.	12.	162.737	12.757	16.	20.	28.	32.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	49	64.	64.347	88.	30.	115.94	10.768	50.	57.5	71.5	78.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-07/27/92	22	0.9	1.241	5.	0.4	1.009	1.005	0.53	0.6	2.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-07/27/92	21 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	64	500.	2510.859	38000.	10.	43477853.615	6593.774	40.	132.5	1600.	5650.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	64	2.699	2.673	4.58	1.	0.676	0.822	1.602	2.122	3.201	3.747
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			471.017								
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	20	40028.5	41689.	90032.	52.	588458349.895	24258.16	11447.	31273.5	42161.75	89023.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	35	2.	2.763	8.	0.	5.929	2.435	0.	1.	5.	6.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	15	13.	27.733	120.	3.	1502.21	38.758	3.6	4.	28.	120.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	35	650.	645.857	1480.	300.	41072.479	202.663	409.8	560.	700.	848.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	35	11.7	11.671	16.2	9.	2.092	1.446	9.72	10.8	12.4	13.38
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	30	1.95	1.78	3.7	0.5	0.638	0.798	0.55	1.175	2.1	3.08
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	26	7.8	7.74	8.3	6.8	0.125	0.353	7.27	7.475	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	26	7.8	7.578	8.3	6.8	0.152	0.39	7.27	7.475	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	26	0.016	0.026	0.158	0.005	0.001	0.031	0.006	0.01	0.034	0.054
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	34	7.55	7.538	8.3	6.9	0.111	0.333	7.05	7.3	7.8	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	34	7.547	7.417	8.3	6.9	0.126	0.355	7.05	7.3	7.8	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	34	0.028	0.038	0.126	0.005	0.001	0.03	0.01	0.016	0.05	0.09
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	11	224.	231.091	279.	190.	846.491	29.095	192.6	206.	258.	277.6
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	10	467.5	472.4	596.	397.	4419.378	66.478	398.4	414.75	511.	592.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	34	12.5	17.324	140.	1.	544.165	23.327	3.5	7.	20.5	29.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	31	0.2	0.21	0.7	0.05	0.024	0.156	0.05	0.1	0.3	0.48
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	33	0.9	0.903	1.8	0.3	0.15	0.388	0.5	0.6	1.2	1.46
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	33	0.08	0.111	0.6	0.015	0.018	0.134	0.034	0.05	0.11	0.206
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	11	309.	308.727	350.	254.	993.818	31.525	256.2	288.	344.	348.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	24	29.	46.292	292.	16.	3046.216	55.193	21.	25.	45.5	82.5
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	18	72.	70.444	125.	40.	317.203	17.81	47.2	62.	75.75	84.5
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-07/27/92	9	0.6	0.644	0.8	0.5	0.01	0.101	0.5	0.6	0.75	0.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-07/27/92	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	28	235.	315.	1400.	5.	98164.815	313.313	9.5	60.	512.5	671.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	28	2.37	2.189	3.146	0.699	0.431	0.657	0.97	1.778	2.71	2.826
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			154.475								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	10	36361.	36479.4	80642.	12712.	356765319.822	18888.232	12742.9	25778.5	41196.75	76779.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	98	14.65	13.679	25.	1.	30.12	5.488	6.18	9.75	18.	20.64
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	36	32.	116.333	999.	4.	53112.114	230.461	10.	17.	96.5	260.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	99	600.	570.313	740.	240.	10117.972	100.588	411.	520.	636.	680.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	97	8.3	8.529	15.4	4.8	4.58	2.14	5.98	6.85	9.9	11.62
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	85	2.1	2.339	8.3	0.5	1.314	1.146	1.4	1.5	2.8	3.78
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	81	7.7	7.644	8.5	3.	0.4	0.632	7.3	7.5	7.9	8.18
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	81	7.7	4.907	8.5	3.	7.983	2.825	7.3	7.5	7.9	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	81	0.02	12.375	1000.	0.003	12344.952	111.108	0.007	0.013	0.032	0.05
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	101	7.7	7.65	8.3	6.5	0.117	0.341	7.2	7.5	7.9	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	101	7.7	7.489	8.3	6.5	0.143	0.378	7.2	7.5	7.9	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	101	0.02	0.032	0.316	0.005	0.002	0.041	0.008	0.013	0.032	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	31	244.	231.355	328.	116.	1852.97	43.046	168.4	212.	260.	269.6
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	32	459.	470.281	702.	343.	4390.338	66.26	407.9	440.75	488.5	529.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	101	36.	46.871	300.	2.	1935.333	43.992	13.	21.	59.	91.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	84	0.2	0.198	0.7	0.05	0.021	0.143	0.05	0.1	0.2	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	92	0.8	0.892	4.4	0.3	0.295	0.543	0.4	0.5	1.1	1.37
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	91	0.12	0.183	1.	0.04	0.038	0.195	0.06	0.08	0.18	0.416
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	31	322.	304.645	384.	172.	2384.637	48.833	240.4	284.	342.	345.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	72	24.	24.528	48.	9.	38.056	6.169	16.	21.	28.	32.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	55	58.	58.4	112.	27.	150.615	12.273	42.6	52.	66.	70.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-07/27/92	27	1.	1.493	4.	0.5	0.711	0.843	0.5	0.8	2.	2.2
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-07/27/92	28 ##	5.	5.321	20.	2.	8.893	2.982	4.7	5.	5.	5.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	81	430.	1231.173	13000.	5.	4957193.92	2226.476	50.	140.	1200.	3240.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	81	2.633	2.598	4.114	0.699	0.491	0.7	1.699	2.145	3.078	3.51
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			396.691								
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	23	30914.	30736.435	81813.	10014.	388604185.348	19713.046	10216.4	11805.	42235.	63189.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/26/71-06/24/92	44	20.	20.302	29.7	16.	6.229	2.496	17.	19.	21.	22.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/71-11/28/90	13	23.	22.308	36.	6.	86.397	9.295	7.6	14.5	30.	35.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/26/71-06/24/92	44	599.	588.295	770.	420.	5884.911	76.713	477.5	527.5	640.	680.
00300	OXYGEN, DISSOLVED MG/L	01/26/71-06/24/92	45	7.	6.918	9.8	3.5	1.153	1.074	5.78	6.35	7.55	8.04
00310	BOD, 5 DAY, 20 DEG C MG/L	01/26/71-06/24/92	41	1.9	2.239	7.	0.5	1.707	1.307	1.	1.45	2.9	4.
00400	PH (STANDARD UNITS)	01/26/71-06/24/92	29	7.7	7.712	8.2	7.1	0.082	0.286	7.3	7.5	7.89	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/26/71-06/24/92	29	7.7	7.621	8.2	7.1	0.091	0.301	7.3	7.5	7.89	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-06/24/92	29	0.02	0.024	0.079	0.006	0.	0.017	0.006	0.013	0.032	0.05
00403	PH, LAB, STANDARD UNITS SU	01/26/71-07/27/92	47	7.7	7.664	8.3	6.6	0.131	0.361	7.1	7.5	7.9	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/71-07/27/92	47	7.7	7.475	8.3	6.6	0.167	0.409	7.1	7.5	7.9	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/71-07/27/92	47	0.02	0.034	0.251	0.005	0.002	0.046	0.008	0.013	0.032	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	12	257.5	254.75	276.	215.	250.932	15.841	221.9	250.75	261.5	274.8
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	14	457.	473.643	579.	403.	2505.786	50.058	420.	447.5	486.75	578.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/26/71-07/27/92	47	43.	59.043	310.	3.	3494.259	59.112	17.4	27.	66.	128.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/18/73-07/27/92	39	0.2	0.227	1.3	0.05	0.046	0.215	0.05	0.1	0.3	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	43	0.8	0.949	3.8	0.2	0.376	0.613	0.44	0.6	1.	1.76

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/23/71-07/27/92	42	0.15	0.224	1.1	0.04	0.06	0.244	0.076	0.11	0.203	0.65
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/26/71-07/27/92	12	331.5	330.	364.	304.	305.273	17.472	304.6	319.	334.75	361.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/71-12/17/85	35	22.	22.314	32.	12.	20.81	4.562	16.	20.	26.	27.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/21/73-12/17/85	27	57.	59.63	88.	50.	64.319	8.02	52.8	54.	62.	70.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-07/27/92	12	1.5	1.5	2.	1.	0.273	0.522	1.	1.	2.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-07/27/92	12 ##	5.	4.75	5.	2.	0.75	0.866	2.9	5.	5.	5.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	38	735.	2133.684	16000.	80.	10061742.817	3172.025	177.	362.5	2450.	6400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/26/71-03/29/88	38	2.866	2.966	4.204	1.903	0.325	0.57	2.247	2.558	3.389	3.806
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			924.257								
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	10	13025.	30825.1	81203.	10006.	712589696.767	26694.376	10187.	12564.5	49140.75	80134.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0141

NPS Station ID: INDU0141
LAT/LON: 41.667226/ -87.126948
Agency: 21IND
Date Created: 02/14/81
Location: OFF-SHORE STATION-177
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 360177 /177-O
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 57
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 21.90
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 3.67
Distance from RF3: 1.41
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0141

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/23/80-06/23/80	12	14.75	15.167	17.5	13.	2.833	1.683	13.	14.	17.25	17.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/23/80-06/23/80	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/23/80-06/23/80	12	240.	240.	240.	240.	0.	0.	240.	240.	240.	240.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/23/80-06/23/80	12	300.	298.333	300.	290.	15.152	3.892	290.	300.	300.	300.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/23/80-06/23/80	12	9.85	9.833	10.	9.6	0.019	0.137	9.63	9.7	9.975	10.
00400	PH (STANDARD UNITS)	06/23/80-06/23/80	12	8.4	8.392	8.5	8.3	0.003	0.051	8.3	8.4	8.4	8.47
00400	CONVERTED PH (STANDARD UNITS)	06/23/80-06/23/80	12	8.4	8.389	8.5	8.3	0.003	0.052	8.3	8.4	8.4	8.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/23/80-06/23/80	12	0.004	0.004	0.005	0.003	0.	0.	0.003	0.004	0.004	0.005
00600	NITROGEN, TOTAL (MG/L AS N)	06/23/80-06/23/80	2	0.215	0.215	0.22	0.21	0.	0.007	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/23/80-06/23/80	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/23/80-06/23/80	2	0.133	0.133	0.26	0.005	0.033	0.18	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/23/80-06/23/80	2	0.215	0.215	0.22	0.21	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/23/80-06/23/80	2 ##	0.004	0.004	0.005	0.003	0.	0.002	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/23/80-06/23/80	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/23/80-06/23/80	2	22.	22.	22.	22.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	06/23/80-06/23/80	2	0.45	0.45	0.6	0.3	0.045	0.212	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/23/80-06/23/80	2 ##	0.004	0.004	0.005	0.003	0.	0.002	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0141

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	12	0	0.00							12	0	0.00			
00400	PH	Other-Hi Lim.	9.	12	0	0.00							12	0	0.00			
		Other-Lo Lim.	6.5	12	0	0.00							12	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0142

NPS Station ID: INDU0142
LAT/LON: 41.651392/ -87.127503
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM028
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 22
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 12.90
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 7.16
Distance from RF3: 1.05
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/63-09/09/63	10	19.5	19.8	22.	19.	1.067	1.033	19.	19.	20.25	21.9
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/23/63-09/06/63	8	2.25	2.275	3.7	1.3	0.619	0.787	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/63-09/09/63	10	268.5	257.5	275.	230.	386.278	19.654	230.5	235.	275.	275.
00300	OXYGEN, DISSOLVED MG/L	08/23/63-09/09/63	10	8.9	8.89	10.4	7.8	0.601	0.775	7.81	8.425	9.2	10.34
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/63-09/09/63	10	96.2	97.05	114.2	83.9	93.756	9.683	83.95	91.825	101.025	113.91
00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/63-09/09/63	5	1.	1.24	2.9	0.1	1.043	1.021	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/63-09/09/63	10	8.25	8.3	8.6	8.1	0.029	0.17	8.11	8.2	8.375	8.6
00400	CONVERTED PH (STANDARD UNITS)	08/23/63-09/09/63	10	8.247	8.274	8.6	8.1	0.03	0.172	8.11	8.2	8.375	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/63-09/09/63	10	0.006	0.005	0.008	0.003	0.	0.002	0.003	0.004	0.006	0.008
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/09/63	10	104.	103.6	109.	99.	10.489	3.239	99.	101.25	106.25	108.8
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/63-09/09/63	5	175.	178.	190.	170.	82.5	9.083	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-09/09/63	5	0.09	0.092	0.11	0.08	0.	0.013	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-09/09/63	5	0.07	0.056	0.07	0.02	0.	0.022	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/63-09/09/63	5	0.02	0.036	0.11	0.01	0.002	0.042	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/09/63	10	7.	6.8	8.	6.	0.4	0.632	6.	6.	7.	7.9
00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/63-09/09/63	10	22.	21.7	26.	19.	7.122	2.669	19.	19.	23.5	25.9
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-09/09/63	5	2.	1.4	3.	0.	1.8	1.342	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0142

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	10	0	0.00										10	0	0.00
00400	PH	Other-Hi Lim.	9.	10	0	0.00										10	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00										10	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00										5	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00										10	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	10	0	0.00										10	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0143

NPS Station ID: INDU0143
LAT/LON: 41.599727/ -87.145281
Agency: 21IND
Date Created: 09/13/86
Location: SALT CR-PORTAGE U.S. HIGHWAY 20 BR MI PT 1
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 174347 /SLC 1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: OHIO RIVER
Elevation: 0
Water Body Id:
Minor Basin: EAST FORK WHITE RIVER
ECO Region:
RF1 Index: 04040001020
RF1 Mile Point: 0.340
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001003300.00
RF3 Mile Point: 1.32
Distance from RF3: 0.70
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/86-04/22/92	69	11.5	11.614	29.5	-0.05	60.027	7.748	1.	5.	18.05	22.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/14/86-11/28/90	38	16.	23.495	100.	3.8	564.795	23.765	4.	8.5	29.	53.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/86-04/22/92	67	661.	647.209	1284.	208.	33642.38	183.419	437.	506.	757.	879.
00300	OXYGEN, DISSOLVED MG/L	01/14/86-04/22/92	66	8.95	9.17	16.	0.4	6.794	2.606	6.17	7.475	10.925	12.4
00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/86-04/22/92	35	1.7	1.609	4.9	0.5	0.76	0.872	0.5	1.1	2.	2.52
00335	COD, .025N K2CR2O7 MG/L	01/14/86-07/27/92	76	19.	21.5	82.	8.	129.773	11.392	12.7	14.25	24.	35.2
00400	PH (STANDARD UNITS)	01/14/86-04/22/92	66	7.8	7.706	8.5	6.79	0.097	0.312	7.273	7.5	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	01/14/86-04/22/92	66	7.8	7.572	8.5	6.79	0.116	0.34	7.273	7.5	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-04/22/92	66	0.016	0.027	0.162	0.003	0.001	0.029	0.01	0.013	0.032	0.054
00403	PH, LAB, STANDARD UNITS SU	01/14/86-07/27/92	76	7.9	7.83	8.3	6.9	0.053	0.23	7.5	7.7	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	01/14/86-07/27/92	76	7.9	7.755	8.3	6.9	0.059	0.243	7.5	7.7	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-07/27/92	76	0.013	0.018	0.126	0.005	0.	0.015	0.008	0.01	0.02	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	76	252.	241.921	346.	63.	1931.78	43.952	174.8	220.	268.	280.6
00500	RESIDUE, TOTAL (MG/L)	01/14/86-07/27/92	76	559.	551.737	772.	324.	5122.356	71.571	448.3	530.75	586.	614.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/14/86-07/27/92	76	27.5	45.717	388.	0.5	4224.936	65.	5.	11.	51.5	96.4
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	08/19/86-01/05/88	3	6.	8.333	16.	3.	46.333	6.807	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/86-07/27/92	76	0.1	0.16	0.6	0.05	0.016	0.125	0.05	0.05	0.2	0.33
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/86-07/27/92	76	2.2	2.23	4.2	0.4	0.476	0.69	1.47	1.8	2.6	3.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/86-07/27/92	76	0.135	0.154	0.7	0.015	0.011	0.104	0.067	0.09	0.18	0.273
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/86-07/27/92	75 ##	0.003	0.003	0.009	0.003	0.	0.001	0.003	0.003	0.003	0.003
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	76	359.	345.408	432.	85.	3300.218	57.448	269.6	330.	382.	397.3
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-06/24/92	73	1.	1.473	8.	0.5	1.638	1.28	0.6	0.7	2.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-06/24/92	71 ##	5.	7.479	70.	2.	113.082	10.634	5.	5.	5.	5.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/14/86-03/29/88	25	950.	2193.2	16000.	50.	11642656.	3412.134	152.	430.	2050.	6140.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/14/86-03/29/88	25	2.978	2.981	4.204	1.699	0.352	0.593	2.142	2.619	3.311	3.788
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			957.818								
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	47	410.	935.213	7100.	5.	2076092.345	1440.865	48.	140.	930.	2760.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	47	2.613	2.563	3.851	0.699	0.443	0.665	1.68	2.146	2.968	3.434
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			365.342								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/86-07/27/92	74 ##	2.5	2.561	7.	2.5	0.274	0.523	2.5	2.5	2.5	2.5
47501	WEATHER AT TIME OF SAMPLING	05/20/86-05/19/92	62	32813.	35207.484	90032.	10014.	470193774.549	21683.952	11405.7	12998.5	42017.25	71813.
71900	MERCURY, TOTAL (UG/L AS HG)	01/14/86-06/24/92	73 ##	0.05	0.062	0.2	0.05	0.001	0.033	0.05	0.05	0.05	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0143

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	37 &	4	0.11	12	0	0.00	6	0	0.00	13	4	0.31	6	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	66	1	0.02	21	1	0.05	10	0	0.00	25	0	0.00	10	0	0.00
00400	PH	Other-Hi Lim.	9.	66	0	0.00	20	0	0.00	12	0	0.00	24	0	0.00	10	0	0.00
		Other-Lo Lim.	6.5	66	0	0.00	20	0	0.00	12	0	0.00	24	0	0.00	10	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	76	0	0.00	25	0	0.00	12	0	0.00	27	0	0.00	12	0	0.00
		Other-Lo Lim.	6.5	76	0	0.00	25	0	0.00	12	0	0.00	27	0	0.00	12	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	76	0	0.00	25	0	0.00	12	0	0.00	27	0	0.00	12	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	75	0	0.00	24	0	0.00	12	0	0.00	27	0	0.00	12	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	73	0	0.00	24	0	0.00	11	0	0.00	27	0	0.00	11	0	0.00
		Drinking Water	50.	73	0	0.00	24	0	0.00	11	0	0.00	27	0	0.00	11	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	71	0	0.00	23	0	0.00	11	0	0.00	27	0	0.00	10	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	25	23	0.92	8	7	0.88	4	4	1.00	9	8	0.89	4	4	1.00
31648	E. COLI, MTEC, MF	Fresh Acute	126.	47	36	0.77	17	13	0.76	7	5	0.71	16	13	0.81	7	5	0.71
71900	MERCURY, TOTAL	Fresh Acute	2.4	73	0	0.00	24	0	0.00	11	0	0.00	27	0	0.00	11	0	0.00
		Drinking Water	2.	73	0	0.00	24	0	0.00	11	0	0.00	27	0	0.00	11	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1986 - Station INDU0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/86-04/22/92	12	10.	10.833	22.	1.	57.606	7.59	1.	4.	18.	21.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/86-04/22/92	12	713.	722.5	1284.	413.	51616.636	227.193	442.1	569.	848.25	1167.3
00300	OXYGEN, DISSOLVED MG/L	01/14/86-04/22/92	12	9.2	9.233	12.8	6.1	5.082	2.254	6.34	7.	10.9	12.68
00335	COD, .025N K2CR2O7 MG/L	01/14/86-07/27/92	12	18.	18.667	31.	8.	48.97	6.998	9.5	13.	24.	29.5
00400	PH (STANDARD UNITS)	01/14/86-04/22/92	12	7.75	7.692	8.	7.1	0.066	0.257	7.19	7.525	7.9	7.97
00400	CONVERTED PH (STANDARD UNITS)	01/14/86-04/22/92	12	7.747	7.609	8.	7.1	0.074	0.272	7.19	7.525	7.9	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-04/22/92	12	0.018	0.025	0.079	0.01	0.	0.019	0.011	0.013	0.03	0.068
00403	PH, LAB, STANDARD UNITS SU	01/14/86-07/27/92	12	7.9	7.867	8.1	7.6	0.017	0.13	7.63	7.8	7.9	8.07
00403	CONVERTED PH, LAB, STANDARD UNITS	01/14/86-07/27/92	12	7.9	7.848	8.1	7.6	0.017	0.132	7.63	7.8	7.9	8.07
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-07/27/92	12	0.013	0.014	0.025	0.008	0.	0.005	0.009	0.013	0.016	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	12	262.	257.5	282.	198.	607.364	24.645	210.6	244.5	278.5	282.
00500	RESIDUE, TOTAL (MG/L)	01/14/86-07/27/92	12	562.	545.25	706.	324.	8962.932	94.673	352.2	537.5	586.	674.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/14/86-07/27/92	12	25.5	32.75	94.	5.	765.477	27.667	5.	9.5	52.25	85.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/86-07/27/92	12	0.2	0.213	0.5	0.05	0.017	0.132	0.065	0.1	0.275	0.47
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/86-07/27/92	12	2.1	2.125	2.7	1.5	0.142	0.377	1.59	1.8	2.525	2.67
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/86-07/27/92	12	0.155	0.153	0.23	0.08	0.003	0.057	0.08	0.095	0.21	0.23
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/86-07/27/92	12 ##	0.003	0.003	0.005	0.003	0.	0.001	0.003	0.003	0.003	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	12	352.	361.833	432.	312.	1093.424	33.067	317.4	335.5	385.	418.8
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-06/24/92	12	1.	1.358	3.	0.5	0.65	0.806	0.5	0.7	2.	2.7
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-06/24/92	11 ##	5.	7.273	30.	5.	56.818	7.538	5.	5.	5.	25.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/86-07/27/92	12 ##	2.5	2.875	7.	2.5	1.688	1.299	2.5	2.5	2.5	5.65
71900	MERCURY, TOTAL (UG/L AS HG)	01/14/86-06/24/92	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station INDU0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/86-04/22/92	11	15.	12.091	22.	0.	64.891	8.055	0.2	5.	20.	22.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/86-04/22/92	11	504.	475.273	587.	284.	7752.218	88.047	301.8	421.	540.	579.2
00300	OXYGEN, DISSOLVED MG/L	01/14/86-04/22/92	11	8.7	9.236	16.	5.2	11.095	3.331	5.42	6.6	10.	15.68
00335	COD, .025N K2CR2O7 MG/L	01/14/86-07/27/92	11	19.	24.636	82.	11.	393.255	19.831	11.4	16.	21.	72.2
00400	PH (STANDARD UNITS)	01/14/86-04/22/92	10	7.85	7.75	8.	7.3	0.065	0.255	7.32	7.5	8.	8.
00400	CONVERTED PH (STANDARD UNITS)	01/14/86-04/22/92	10	7.847	7.679	8.	7.3	0.071	0.266	7.32	7.5	8.	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-04/22/92	10	0.014	0.021	0.05	0.01	0.	0.013	0.01	0.01	0.032	0.048
00403	PH, LAB, STANDARD UNITS SU	01/14/86-07/27/92	11	7.7	7.727	8.	7.2	0.044	0.21	7.28	7.7	7.9	7.98
00403	CONVERTED PH, LAB, STANDARD UNITS	01/14/86-07/27/92	11	7.7	7.671	8.	7.2	0.048	0.218	7.28	7.7	7.9	7.98
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-07/27/92	11	0.02	0.021	0.063	0.01	0.	0.015	0.011	0.013	0.02	0.056
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	11	264.	250.273	294.	130.	1884.018	43.405	151.6	240.	274.	290.4
00500	RESIDUE, TOTAL (MG/L)	01/14/86-07/27/92	11	552.	570.727	772.	523.	4791.218	69.219	525.	535.	566.	734.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/14/86-07/27/92	11	48.	63.909	388.	2.	12084.491	109.929	2.2	4.	57.	322.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/86-07/27/92	11	0.2	0.182	0.4	0.05	0.009	0.096	0.05	0.1	0.2	0.36
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/86-07/27/92	11	2.	2.118	3.1	1.6	0.164	0.405	1.64	1.8	2.3	2.96
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/86-07/27/92	11	0.15	0.188	0.7	0.07	0.031	0.175	0.072	0.08	0.18	0.598
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/86-07/27/92	11 ##	0.003	0.003	0.009	0.003	0.	0.002	0.003	0.003	0.003	0.008
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	11	364.	347.455	412.	176.	3960.873	62.935	206.	330.	386.	408.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-06/24/92	11	1.	1.891	8.	0.6	4.475	2.115	0.6	0.6	2.	6.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-06/24/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/86-07/27/92	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
71900	MERCURY, TOTAL (UG/L AS HG)	01/14/86-06/24/92	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station INDU0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/86-04/22/92	13	11.	11.462	27.	0.	77.269	8.79	0.4	3.5	17.5	26.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/86-04/22/92	13	596.	635.	1052.	441.	40572.	201.425	446.2	477.	745.	1030.
00300	OXYGEN, DISSOLVED MG/L	01/14/86-04/22/92	13	8.5	8.138	12.2	0.4	9.996	3.162	2.52	6.2	10.85	11.88
00335	COD, .025N K2CR2O7 MG/L	01/14/86-07/27/92	13	19.	23.154	43.	12.	110.141	10.495	13.2	16.	33.	42.2
00400	PH (STANDARD UNITS)	01/14/86-04/22/92	13	7.9	7.823	8.5	7.1	0.132	0.363	7.18	7.6	8.05	8.34
00400	CONVERTED PH (STANDARD UNITS)	01/14/86-04/22/92	13	7.9	7.673	8.5	7.1	0.156	0.395	7.18	7.6	8.05	8.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-04/22/92	13	0.013	0.021	0.079	0.003	0.	0.021	0.005	0.009	0.025	0.068
00403	PH, LAB, STANDARD UNITS SU	01/14/86-07/27/92	13	7.8	7.815	8.1	7.5	0.023	0.152	7.58	7.7	7.9	8.06
00403	CONVERTED PH, LAB, STANDARD UNITS	01/14/86-07/27/92	13	7.8	7.791	8.1	7.5	0.024	0.154	7.58	7.7	7.9	8.06
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-07/27/92	13	0.016	0.016	0.032	0.008	0.	0.006	0.009	0.013	0.02	0.027
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	13	241.	232.154	292.	172.	1704.808	41.289	172.	193.	267.	286.
00500	RESIDUE, TOTAL (MG/L)	01/14/86-07/27/92	13	569.	559.308	619.	485.	2076.064	45.564	485.4	514.5	597.5	613.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/14/86-07/27/92	13	29.	46.154	154.	5.	1830.141	42.78	6.6	16.	64.5	133.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/86-07/27/92	13	0.2	0.204	0.5	0.05	0.02	0.141	0.05	0.075	0.3	0.46
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/86-07/27/92	13	2.6	2.531	3.5	1.7	0.316	0.562	1.74	1.9	2.95	3.34
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/86-07/27/92	13	0.2	0.207	0.36	0.09	0.008	0.092	0.098	0.12	0.275	0.36
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/86-07/27/92	13 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	13	360.	356.769	407.	282.	2010.359	44.837	287.6	315.5	402.	407.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-06/24/92	12	2.	1.533	3.	0.5	0.655	0.809	0.53	0.65	2.	2.7
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-06/24/92	12 ##	5.	8.75	50.	5.	168.75	12.99	5.	5.	5.	36.5
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	9	410.	623.333	2300.	10.	528600.	727.049	10.	40.	905.	2300.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	9	2.613	2.374	3.362	1.	0.63	0.794	1.	1.602	2.956	3.362
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			236.507								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/86-07/27/92	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
71900	MERCURY, TOTAL (UG/L AS HG)	01/14/86-06/24/92	12 ##	0.05	0.079	0.2	0.05	0.002	0.045	0.05	0.05	0.1	0.17

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station INDU0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/86-04/22/92	11	15.7	13.514	25.7	-0.05	66.461	8.152	2.74	-0.05	20.8	24.76
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/86-04/22/92	11	738.	675.818	865.	208.	33101.364	181.938	260.2	703.	758.	844.6
00300	OXYGEN, DISSOLVED MG/L	01/14/86-04/22/92	11	8.9	9.373	14.3	7.4	3.79	1.947	7.48	8.1	10.2	13.66
00335	COD, .025N K2CR2O7 MG/L	01/14/86-07/27/92	11	19.	21.	55.	10.	145.2	12.05	10.6	14.	23.	48.8
00400	PH (STANDARD UNITS)	01/14/86-04/22/92	11	7.9	7.791	8.	7.48	0.028	0.167	7.504	7.6	7.9	7.98
00400	CONVERTED PH (STANDARD UNITS)	01/14/86-04/22/92	11	7.9	7.76	8.	7.48	0.029	0.17	7.504	7.6	7.9	7.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-04/22/92	11	0.013	0.017	0.033	0.01	0.	0.007	0.011	0.013	0.025	0.032
00403	PH, LAB, STANDARD UNITS SU	01/14/86-07/27/92	11	8.	7.991	8.2	7.7	0.033	0.181	7.7	7.8	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/14/86-07/27/92	11	8.	7.954	8.2	7.7	0.034	0.185	7.7	7.8	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-07/27/92	11	0.01	0.011	0.02	0.006	0.	0.005	0.006	0.008	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	11	258.	249.818	288.	148.	1674.164	40.917	159.	249.	278.	287.6
00500	RESIDUE, TOTAL (MG/L)	01/14/86-07/27/92	11	583.	594.727	746.	530.	3136.218	56.002	533.6	571.	605.	721.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/14/86-07/27/92	11	28.	48.455	242.	2.	4390.073	66.258	3.6	18.	42.	206.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/86-07/27/92	11	0.1	0.173	0.6	0.05	0.027	0.165	0.05	0.05	0.2	0.54
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/86-07/27/92	11	2.6	2.8	4.2	2.	0.392	0.626	2.08	2.5	3.2	4.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/86-07/27/92	11	0.16	0.164	0.47	0.05	0.012	0.108	0.058	0.11	0.16	0.41
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/86-07/27/92	11 ##	0.003	0.003	0.007	0.003	0.	0.001	0.003	0.003	0.003	0.006
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	11	374.	365.818	416.	250.	1813.964	42.591	270.	360.	388.	412.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-06/24/92	11	1.	1.591	5.	0.6	1.533	1.238	0.66	1.	2.	4.4
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-06/24/92	11 ##	5.	8.182	40.	5.	111.364	10.553	5.	5.	5.	33.
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	11	520.	1169.091	5300.	50.	3041649.091	1744.032	60.	200.	950.	5020.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	11	2.716	2.689	3.724	1.699	0.366	0.605	1.759	2.301	2.978	3.698
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			488.138								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/86-07/27/92	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
71900	MERCURY, TOTAL (UG/L AS HG)	01/14/86-06/24/92	11 ##	0.05	0.068	0.2	0.05	0.002	0.046	0.05	0.05	0.05	0.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station INDU0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/86-04/22/92	10	11.65	10.97	21.	2.5	42.018	6.482	2.65	4.375	16.05	20.76
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/86-04/22/92	8	732.	746.75	916.	537.	15595.071	124.88	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/14/86-04/22/92	9	10.4	10.011	14.9	5.8	9.274	3.045	5.8	6.95	12.2	14.9
00335	COD, .025N K2CR2O7 MG/L	01/14/86-07/27/92	12	20.5	23.667	46.	13.	111.333	10.551	13.9	16.25	27.25	45.1
00400	PH (STANDARD UNITS)	01/14/86-04/22/92	9	7.8	7.724	7.91	7.36	0.037	0.191	7.36	7.57	7.86	7.91
00400	CONVERTED PH (STANDARD UNITS)	01/14/86-04/22/92	9	7.8	7.682	7.91	7.36	0.039	0.197	7.36	7.57	7.86	7.91
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-04/22/92	9	0.016	0.021	0.044	0.012	0.	0.011	0.012	0.014	0.028	0.044
00403	PH, LAB, STANDARD UNITS SU	01/14/86-07/27/92	12	8.	7.975	8.3	7.4	0.055	0.234	7.49	7.925	8.1	8.27
00403	CONVERTED PH, LAB, STANDARD UNITS	01/14/86-07/27/92	12	8.	7.904	8.3	7.4	0.06	0.245	7.49	7.925	8.1	8.27
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-07/27/92	12	0.01	0.012	0.04	0.005	0.	0.009	0.005	0.008	0.012	0.034
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	12	252.	231.75	275.	63.	3583.114	59.859	96.9	220.5	266.5	272.9
00500	RESIDUE, TOTAL (MG/L)	01/14/86-07/27/92	12	555.5	536.667	598.	432.	2428.606	49.281	445.5	493.5	566.25	594.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/14/86-07/27/92	12	25.5	49.292	320.	0.5	7531.384	86.784	1.85	10.	45.75	238.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/86-07/27/92	12 ##	0.05	0.1	0.3	0.05	0.007	0.085	0.05	0.05	0.175	0.27
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/86-07/27/92	12	2.2	2.15	3.5	0.6	0.659	0.812	0.81	1.55	2.75	3.38
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/86-07/27/92	12	0.135	0.138	0.35	0.07	0.006	0.076	0.07	0.08	0.158	0.299
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/86-07/27/92	12 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	12	353.	327.083	397.	85.	6881.538	82.955	138.7	328.75	369.	390.7
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-06/24/92	11	1.	1.582	7.	0.5	3.488	1.868	0.52	0.7	2.	6.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-06/24/92	10 ##	5.	6.5	20.	5.	22.5	4.743	5.	5.	5.	18.5
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	11	580.	830.	2500.	60.	517540.	719.403	76.	300.	1300.	2280.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	11	2.763	2.732	3.398	1.778	0.227	0.476	1.852	2.477	3.114	3.348
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			539.705								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/86-07/27/92	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
71900	MERCURY, TOTAL (UG/L AS HG)	01/14/86-06/24/92	11 ##	0.05	0.064	0.2	0.05	0.002	0.045	0.05	0.05	0.05	0.17

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station INDU0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/86-04/22/92	8	12.8	13.038	29.5	2.	89.774	9.475	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/86-04/22/92	8	691.	649.	845.	391.	21995.143	148.308	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/14/86-04/22/92	7	9.	9.657	11.8	8.4	1.946	1.395	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/14/86-07/27/92	11	15.	19.636	38.	11.	76.855	8.767	11.2	12.	27.	36.
00400	PH (STANDARD UNITS)	01/14/86-04/22/92	7	7.44	7.366	7.78	6.81	0.119	0.345	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/14/86-04/22/92	7	7.44	7.245	7.78	6.81	0.136	0.369	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-04/22/92	7	0.036	0.057	0.155	0.017	0.002	0.048	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/14/86-07/27/92	11	7.7	7.673	7.9	6.9	0.086	0.294	7.02	7.6	7.9	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	01/14/86-07/27/92	11	7.7	7.545	7.9	6.9	0.104	0.323	7.02	7.6	7.9	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-07/27/92	11	0.02	0.029	0.126	0.013	0.001	0.033	0.013	0.013	0.025	0.107
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	11	246.	233.	346.	141.	3126.2	55.912	146.	199.	264.	330.
00500	RESIDUE, TOTAL (MG/L)	01/14/86-07/27/92	11	542.	533.455	660.	388.	6717.073	81.958	395.2	479.	598.	650.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/14/86-07/27/92	11	34.	51.091	174.	5.	2689.491	51.86	6.2	13.	67.	162.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/86-07/27/92	11 ##	0.05	0.082	0.2	0.05	0.002	0.046	0.05	0.05	0.1	0.18
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/86-07/27/92	11	1.6	1.827	3.5	0.4	0.756	0.87	0.58	1.4	2.3	3.42
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/86-07/27/92	11	0.09	0.102	0.29	0.015	0.006	0.076	0.015	0.06	0.13	0.262
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/86-07/27/92	10 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	11	338.	317.364	380.	216.	3626.255	60.218	219.4	274.	378.	380.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-06/24/92	10	1.	1.13	2.	0.6	0.227	0.476	0.62	0.875	1.25	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-06/24/92	10 ##	5.	11.5	70.	5.	422.5	20.555	5.	5.	5.	63.5
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	10	500.	1519.5	7100.	5.	5257702.5	2292.968	13.5	90.	2525.	6770.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	10	2.698	2.605	3.851	0.699	0.847	0.92	0.824	1.954	3.387	3.824
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			402.45								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/86-07/27/92	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
71900	MERCURY, TOTAL (UG/L AS HG)	01/14/86-06/24/92	10 ##	0.05	0.055	0.1	0.05	0.	0.016	0.05	0.05	0.05	0.095

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station INDU0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/86-04/22/92	4	5.65	6.675	11.5	3.9	11.043	3.323	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/86-04/22/92	4	653.5	652.5	708.	595.	3509.667	59.242	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/14/86-04/22/92	3	8.	8.733	11.	7.2	4.013	2.003	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/14/86-07/27/92	6	17.5	17.833	24.	14.	15.367	3.92	**	**	**	**
00400	PH (STANDARD UNITS)	01/14/86-04/22/92	4	7.75	7.575	8.01	6.79	0.331	0.575	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/14/86-04/22/92	4	7.682	7.273	8.01	6.79	0.453	0.673	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-04/22/92	4	0.021	0.053	0.162	0.01	0.005	0.073	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/14/86-07/27/92	6	7.65	7.683	7.9	7.5	0.042	0.204	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/14/86-07/27/92	6	7.625	7.645	7.9	7.5	0.043	0.208	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-07/27/92	6	0.024	0.023	0.032	0.013	0.	0.01	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	6	235.	238.833	278.	207.	741.367	27.228	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/14/86-07/27/92	6	494.5	498.333	629.	387.	7690.267	87.694	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/14/86-07/27/92	6	14.5	15.333	25.	7.	49.867	7.062	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/86-07/27/92	6 ##	0.125	0.158	0.4	0.05	0.019	0.139	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/86-07/27/92	6	1.85	1.85	2.8	0.8	0.447	0.669	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/86-07/27/92	6	0.075	0.085	0.14	0.04	0.002	0.042	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/86-07/27/92	6 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	6	352.5	334.833	392.	248.	3752.167	61.255	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-06/24/92	6	0.85	0.967	2.	0.5	0.299	0.547	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-06/24/92	6 ##	3.5	3.5	5.	2.	2.7	1.643	**	**	**	**
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	6	195.	193.333	310.	80.	9026.667	95.009	**	**	**	**
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	6	2.283	2.235	2.491	1.903	0.059	0.242	**	**	**	**
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			171.623								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/86-07/27/92	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/14/86-06/24/92	6 ##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 9/16 to 1/15 - Station INDU0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/86-04/22/92	22	10.35	8.448	16.1	-0.05	34.066	5.837	1.	3.5	13.4	15.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/86-04/22/92	21	554.	605.19	916.	373.	31445.862	177.33	395.4	459.	757.	903.
00300	OXYGEN, DISSOLVED MG/L	01/14/86-04/22/92	21	9.9	9.443	14.3	0.4	8.381	2.895	5.96	8.6	10.85	12.72
00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/86-04/22/92	12	1.4	1.433	2.8	0.5	0.757	0.87	0.5	0.5	2.225	2.77
00335	COD, .025N K2CR2O7 MG/L	01/14/86-07/27/92	25	17.	20.4	46.	8.	104.417	10.218	11.2	13.	23.	40.
00400	PH (STANDARD UNITS)	01/14/86-04/22/92	20	7.8	7.735	8.1	7.1	0.063	0.251	7.461	7.525	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	01/14/86-04/22/92	20	7.8	7.657	8.1	7.1	0.07	0.264	7.461	7.525	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-04/22/92	20	0.016	0.022	0.079	0.008	0.	0.016	0.01	0.013	0.03	0.035
00403	PH, LAB, STANDARD UNITS SU	01/14/86-07/27/92	25	7.8	7.8	8.2	6.9	0.078	0.28	7.46	7.7	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	01/14/86-07/27/92	25	7.8	7.684	8.2	6.9	0.092	0.304	7.46	7.7	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-07/27/92	25	0.016	0.021	0.126	0.006	0.001	0.023	0.008	0.01	0.02	0.035
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	25	258.	238.08	292.	63.	2981.16	54.6	156.	219.5	272.	286.8
00500	RESIDUE, TOTAL (MG/L)	01/14/86-07/27/92	25	558.	551.56	605.	424.	1779.923	42.189	480.	536.	580.5	599.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/14/86-07/27/92	25	18.	45.9	320.	0.5	5008.542	70.771	3.8	9.	53.	139.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/86-07/27/92	25	0.1	0.148	0.6	0.05	0.023	0.152	0.05	0.05	0.2	0.44
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/86-07/27/92	25	2.5	2.388	4.2	0.6	0.638	0.799	1.3	1.8	2.95	3.32
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/86-07/27/92	25	0.12	0.152	0.36	0.05	0.009	0.093	0.066	0.085	0.18	0.354
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/86-07/27/92	24 ##	0.003	0.003	0.009	0.003	0.	0.002	0.003	0.003	0.003	0.006
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	25	360.	343.68	416.	85.	5051.643	71.075	226.2	333.5	385.	406.4
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-06/24/92	24	1.	1.308	7.	0.5	1.746	1.321	0.5	0.625	1.75	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-06/24/92	23 ##	5.	6.087	30.	5.	27.174	5.213	5.	5.	5.	5.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/86-07/27/92	24 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
71900	MERCURY, TOTAL (UG/L AS HG)	01/14/86-06/24/92	24 ##	0.05	0.069	0.2	0.05	0.002	0.044	0.05	0.05	0.05	0.15

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/86-04/22/92	12	3.7	3.125	5.5	0.	3.253	1.804	0.3	1.25	4.75	5.38
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/86-04/22/92	12	634.5	665.083	1284.	421.	49061.902	221.499	430.9	528.25	715.	1128.3
00300	OXYGEN, DISSOLVED MG/L	01/14/86-04/22/92	10	11.6	12.15	16.	10.	3.474	1.864	10.1	11.	12.875	15.89
00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/86-04/22/92	6	1.75	1.9	4.9	0.5	2.596	1.611	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/14/86-07/27/92	12	19.5	19.833	28.	13.	23.606	4.859	13.6	16.	24.5	27.7
00400	PH (STANDARD UNITS)	01/14/86-04/22/92	12	7.755	7.641	8.1	7.1	0.106	0.326	7.106	7.395	7.875	8.07
00400	CONVERTED PH (STANDARD UNITS)	01/14/86-04/22/92	12	7.754	7.523	8.1	7.1	0.121	0.348	7.106	7.395	7.875	8.07
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-04/22/92	12	0.018	0.03	0.079	0.008	0.001	0.025	0.009	0.013	0.041	0.078
00403	PH, LAB, STANDARD UNITS SU	01/14/86-07/27/92	12	7.8	7.792	8.	7.5	0.034	0.183	7.5	7.625	7.975	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	01/14/86-07/27/92	12	7.8	7.755	8.	7.5	0.035	0.187	7.5	7.625	7.975	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-07/27/92	12	0.016	0.018	0.032	0.01	0.	0.008	0.01	0.011	0.024	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	12	233.5	235.	294.	198.	1079.636	32.858	198.3	201.25	261.75	288.
00500	RESIDUE, TOTAL (MG/L)	01/14/86-07/27/92	12	547.5	544.	706.	451.	4845.636	69.611	459.4	486.25	584.25	673.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/14/86-07/27/92	12	17.	22.167	67.	2.	490.515	22.148	2.3	5.	42.75	62.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/86-07/27/92	12 ##	0.125	0.167	0.5	0.05	0.021	0.145	0.05	0.05	0.275	0.44
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/86-07/27/92	12	1.95	2.125	3.5	1.4	0.471	0.686	1.4	1.6	2.575	3.38
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/86-07/27/92	12	0.085	0.096	0.22	0.015	0.003	0.053	0.023	0.073	0.125	0.199
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/86-07/27/92	12 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	12	341.5	346.167	412.	284.	1880.333	43.363	286.7	305.25	390.5	407.5
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-06/24/92	11	0.7	0.736	1.	0.5	0.035	0.186	0.52	0.6	1.	1.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-06/24/92	11 ##	5.	6.364	20.	5.	20.455	4.523	5.	5.	5.	17.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/86-07/27/92	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
71900	MERCURY, TOTAL (UG/L AS HG)	01/14/86-06/24/92	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/86-04/22/92	25	15.	14.436	25.7	5.8	34.627	5.884	6.18	9.	19.5	22.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/86-04/22/92	25	699.	649.	875.	208.	27774.	166.655	400.4	547.5	765.5	853.
00300	OXYGEN, DISSOLVED MG/L	01/14/86-04/22/92	25	8.2	8.368	14.4	5.2	4.283	2.07	5.98	6.75	9.45	11.26
00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/86-04/22/92	11	1.7	1.682	2.3	0.5	0.234	0.483	0.68	1.5	2.	2.28
00335	COD, .025N K2CR2O7 MG/L	01/14/86-07/27/92	27	22.	25.704	82.	11.	227.832	15.094	13.8	16.	29.	45.4
00400	PH (STANDARD UNITS)	01/14/86-04/22/92	24	7.8	7.693	8.01	6.79	0.116	0.34	7.055	7.6	7.9	8.
00400	CONVERTED PH (STANDARD UNITS)	01/14/86-04/22/92	24	7.8	7.513	8.01	6.79	0.149	0.386	7.055	7.6	7.9	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-04/22/92	24	0.016	0.031	0.162	0.01	0.002	0.041	0.01	0.013	0.025	0.103
00403	PH, LAB, STANDARD UNITS SU	01/14/86-07/27/92	27	7.9	7.856	8.2	7.2	0.036	0.191	7.68	7.8	8.	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	01/14/86-07/27/92	27	7.9	7.805	8.2	7.2	0.039	0.198	7.68	7.8	8.	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-07/27/92	27	0.013	0.016	0.063	0.006	0.	0.01	0.008	0.01	0.016	0.021
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	27	249.	241.926	346.	130.	1980.687	44.505	167.2	240.	266.	278.
00500	RESIDUE, TOTAL (MG/L)	01/14/86-07/27/92	27	565.	563.148	772.	387.	6572.285	81.07	429.2	536.	588.	652.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/14/86-07/27/92	27	38.	60.556	388.	4.	6734.949	82.067	9.6	18.	59.	171.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/86-07/27/92	27	0.2	0.156	0.3	0.05	0.006	0.076	0.05	0.1	0.2	0.22
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/86-07/27/92	27	2.	2.056	3.6	0.8	0.275	0.524	1.5	1.8	2.4	2.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/86-07/27/92	27	0.15	0.177	0.7	0.05	0.018	0.133	0.068	0.1	0.2	0.286
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/86-07/27/92	27 ##	0.003	0.003	0.005	0.003	0.	0.	0.003	0.003	0.003	0.003
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	27	352.	340.074	398.	176.	2924.148	54.075	249.6	330.	376.	392.8
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-06/24/92	27	2.	1.859	8.	0.5	2.452	1.566	0.6	1.	2.	3.4
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-06/24/92	27 ##	5.	5.963	40.	2.	47.191	6.87	2.	5.	5.	5.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/86-07/27/92	27 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
71900	MERCURY, TOTAL (UG/L AS HG)	01/14/86-06/24/92	27 ##	0.05	0.063	0.2	0.05	0.001	0.033	0.05	0.05	0.05	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/14/86-04/22/92	10	21.	21.71	29.5	15.	21.774	4.666	15.1	17.95	26.25	29.25
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/14/86-04/22/92	9	697.	716.444	1052.	496.	37636.278	194.001	496.	544.	863.	1052.
00300	OXYGEN, DISSOLVED MG/L	01/14/86-04/22/92	10	7.65	7.62	9.2	6.	1.048	1.024	6.03	6.825	8.475	9.15
00310	BOD, 5 DAY, 20 DEG C MG/L	02/18/86-04/22/92	6	1.5	1.533	2.2	1.	0.247	0.497	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/14/86-07/27/92	12	15.5	16.	21.	11.	12.727	3.568	11.3	13.	19.	21.
00400	PH (STANDARD UNITS)	01/14/86-04/22/92	10	7.83	7.758	8.5	7.21	0.134	0.366	7.219	7.45	7.903	8.441
00400	CONVERTED PH (STANDARD UNITS)	01/14/86-04/22/92	10	7.829	7.631	8.5	7.21	0.152	0.39	7.219	7.45	7.902	8.441
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-04/22/92	10	0.015	0.023	0.062	0.003	0.	0.019	0.004	0.013	0.036	0.061
00403	PH, LAB, STANDARD UNITS SU	01/14/86-07/27/92	12	7.9	7.875	8.3	7.5	0.064	0.253	7.5	7.7	8.075	8.27
00403	CONVERTED PH, LAB, STANDARD UNITS	01/14/86-07/27/92	12	7.9	7.81	8.3	7.5	0.069	0.262	7.5	7.7	8.075	8.27
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/14/86-07/27/92	12	0.013	0.016	0.032	0.005	0.	0.009	0.005	0.008	0.02	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	12	264.	256.833	282.	207.	577.242	24.026	210.3	241.5	274.75	281.4
00500	RESIDUE, TOTAL (MG/L)	01/14/86-07/27/92	12	572.	534.167	660.	324.	9939.788	99.698	343.2	463.5	593.75	647.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/14/86-07/27/92	12	35.5	35.5	53.	11.	209.727	14.482	13.1	20.75	48.75	52.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/86-07/27/92	12	0.15	0.188	0.4	0.05	0.02	0.14	0.05	0.063	0.35	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/14/86-07/27/92	12	2.5	2.4	3.5	0.4	0.558	0.747	0.91	2.2	2.7	3.38
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/14/86-07/27/92	12	0.155	0.162	0.28	0.015	0.005	0.068	0.05	0.13	0.18	0.277
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/86-07/27/92	12 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/14/86-07/27/92	12	369.	360.25	432.	272.	2370.205	48.685	272.6	333.	392.5	424.5
01002	ARSENIC, TOTAL (UG/L AS AS)	01/14/86-06/24/92	11	2.	1.618	2.	0.8	0.284	0.533	0.84	1.	2.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/14/86-06/24/92	10 ##	5.	16.	70.	5.	560.	23.664	5.	5.	16.25	68.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/86-07/27/92	11 ##	2.5	2.909	7.	2.5	1.841	1.357	2.5	2.5	2.5	6.1
71900	MERCURY, TOTAL (UG/L AS HG)	01/14/86-06/24/92	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0144

NPS Station ID: INDU0144
LAT/LON: 41.629726/ -87.146115
Agency: 21INDN
Date Created: / /
Location: BETHLEHEM STEEL CHESTERTON
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 312905
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 24.250
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001000200.00
RF3 Mile Point: 3.85
Distance from RF3: 0.23
On/Off RF3:
Description:
GROSS EFFLUENT CHECK DAM

Parameter Inventory for Station: INDU0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/02/72-05/31/73	261	58.	57.441	76.	37.	56.878	7.542	48.	52.	63.5	67.
00056	FLOW, RATE GALLONS/DAY	09/02/72-05/31/73	261	1440.	7973654.82	93600000.	0.	**********	22859712.36	1152.	1296.	1656.	56160000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/72-05/31/73	261	380.	380.92	480.	250.	1252.036	35.384	341.	360.	400.	424.
00300	OXYGEN, DISSOLVED MG/L	09/02/72-05/31/73	261	9.1	8.869	11.6	3.2	1.703	1.305	7.5	8.4	9.6	10.2
00310	BOD, 5 DAY, 20 DEG C MG/L	09/02/72-05/31/73	261	3.7	3.833	9.9	0.	3.2	1.789	1.7	2.5	4.95	6.3
00400	PH (STANDARD UNITS)	09/02/72-05/31/73	261	8.	8.008	10.1	7.1	0.109	0.329	7.5	7.8	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	09/02/72-05/31/73	261	8.	7.884	10.1	7.1	0.124	0.352	7.5	7.8	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/72-05/31/73	261	0.01	0.013	0.079	0.	0.	0.012	0.005	0.006	0.016	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/02/72-05/31/73	261	108.	106.303	152.	42.	133.496	11.554	93.2	100.	114.	119.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/02/72-05/31/73	261	7.	9.192	115.	0.	112.071	10.586	3.	4.	11.	16.
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/02/72-05/31/73	261	1.5	1.878	9.7	0.	2.071	1.439	0.5	0.9	2.5	3.48
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/02/72-05/31/73	261	0.36	0.401	1.3	0.	0.075	0.274	0.07	0.18	0.59	0.78
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/02/72-05/31/73	261	0.	0.002	0.03	0.	0.	0.005	0.	0.	0.	0.01
00940	CHLORIDE,TOTAL IN WATER MG/L	09/02/72-05/31/73	261	35.	35.885	83.	12.	117.464	10.838	24.	30.	41.	50.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/02/72-05/31/73	261	40.	41.866	92.	13.	111.447	10.557	30.	34.	48.	55.8
00951	FLUORIDE, TOTAL (MG/L AS F)	09/02/72-05/31/73	261	0.55	0.552	1.24	0.	0.04	0.199	0.3	0.42	0.68	0.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/02/72-05/31/73	261	20.	38.621	1070.	0.	7325.782	85.591	0.	0.	40.	100.
01045	IRON, TOTAL (UG/L AS FE)	09/02/72-05/31/73	261	700.	834.1	5200.	0.	404794.282	636.234	220.	500.	1000.	1400.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/02/72-05/31/73	261	0.001	0.002	0.02	0.	0.	0.003	0.	0.	0.003	0.006
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/02/72-05/31/73	261	0.2	0.197	0.6	0.	0.031	0.176	0.	0.	0.35	0.4
74022	TURBIDITY OF SUPERNATANT, MG/L	09/02/72-05/31/73	261	8.	10.471	90.	2.	101.512	10.075	4.	6.	11.	17.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0144

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	261	1	0.00	118	1	0.01	53	0	0.00	76	0	0.00	14	0	0.00
		Other-Lo Lim.	6.5	261	0	0.00	118	0	0.00	53	0	0.00	76	0	0.00	14	0	0.00
00720	CYANIDE, TOTAL	Marine Acute	0.001	261	34	0.13	118	8	0.07	53	7	0.13	76	19	0.25	14	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0145

NPS Station ID: INDU0145
LAT/LON: 41.629726/ -87.146115
Agency: 21INDN
Date Created: / /
Location: BETHLEHEM STEEL CHESTERTON
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 312903 /IN0000175 /03
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 24.250
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001002000.00
RF3 Mile Point: 3.37
Distance from RF3: 0.04
On/Off RF3:
Description:
NET EFFLUENT CHECK DAM

Parameter Inventory for Station: INDU0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00056	FLOW, RATE GALLONS/DAY	09/01/72-05/31/73	262	1440.	8492830.496	93600000.	0.	**********	23517058.288	1152.	1296.	1656.	57600000.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/72-05/31/73	262	110.	108.473	205.	15.	1128.503	33.593	70.	85.	130.	150.
00117	PRECIPITATION,DURATION OF STORM EVENT, MINUTES	09/01/72-05/31/73	262	11.	10.908	20.	0.	22.919	4.787	4.	8.	14.	17.7
00310	BOD, 5 DAY, 20 DEG C MG/L	09/01/72-05/31/73	262	1.85	2.061	7.2	0.	2.039	1.428	0.4	0.9	2.8	3.8
00400	PH (STANDARD UNITS)	09/01/72-05/31/73	262	8.	8.007	10.1	7.1	0.111	0.333	7.5	7.8	8.2	8.37
00400	CONVERTED PH (STANDARD UNITS)	09/01/72-05/31/73	262	8.	7.881	10.1	7.1	0.127	0.356	7.5	7.8	8.2	8.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/72-05/31/73	262	0.01	0.013	0.079	0.	0.	0.012	0.004	0.006	0.016	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/01/72-05/31/73	262	6.	8.656	68.	0.	79.115	8.895	1.	3.	12.	19.
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/01/72-05/31/73	262	0.5	1.025	10.1	0.	2.253	1.501	0.1	0.3	1.125	2.27
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/01/72-05/31/73	262	0.28	0.33	1.7	0.	0.069	0.263	0.02	0.14	0.48	0.7
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/01/72-05/31/73	262	0.	0.001	0.03	0.	0.	0.004	0.	0.	0.	0.01
00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/72-05/31/73	262	24.	25.729	73.	2.	115.463	10.745	14.3	20.	31.	38.
00951	FLUORIDE, TOTAL (MG/L AS F)	09/01/72-05/31/73	262	0.34	0.328	1.18	0.	0.035	0.188	0.06	0.198	0.46	0.537
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/01/72-05/31/73	262	10.	39.656	970.	0.	10176.51	100.879	0.	0.	30.	90.
01045	IRON, TOTAL (UG/L AS FE)	09/01/72-05/31/73	262	300.	478.664	4900.	0.	527405.488	726.227	100.	100.	500.	970.
04022	TERBUTHYLAZINE,DISSOLVED,WATER,TOT RECOVERABL UG/L	09/01/72-05/31/73	262	3.	5.649	43.	0.	45.164	6.72	1.	1.	8.	15.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/01/72-05/31/73	257	0.001	0.002	0.02	0.	0.	0.003	0.	0.	0.003	0.005
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/01/72-05/31/73	262	0.	0.065	0.6	0.	0.007	0.085	0.	0.	0.1	0.194

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0145

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	262	2	0.01	121	1	0.01	53	1	0.02	73	0	0.00	15	0	0.00
		Other-Lo Lim.	6.5	262	0	0.00	121	0	0.00	53	0	0.00	73	0	0.00	15	0	0.00
00720	CYANIDE, TOTAL	Marine Acute	0.001	262	31	0.12	121	7	0.06	53	6	0.11	73	18	0.25	15	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0146

NPS Station ID: INDU0146
LAT/LON: 41.652781/ -87.146392
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-41
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359041 /41-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 60
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 14.80
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 1.02
Distance from RF3: 0.83
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-10/20/81	59	13.	12.356	22.5	4.5	26.794	5.176	4.5	10.	15.	21.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/09/80-10/20/81	6	66.	61.	96.	30.	610.8	24.714	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/09/80-10/20/81	59	240.	230.	270.	170.	1095.69	33.101	170.	220.	260.	270.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-10/20/81	59	300.	303.39	320.	295.	36.587	6.049	295.	300.	310.	310.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/80-10/20/81	59	9.7	10.097	12.4	6.	2.674	1.635	7.8	9.3	11.9	12.4
00400	PH (STANDARD UNITS)	04/09/80-10/20/81	59	8.2	8.237	8.4	8.1	0.007	0.083	8.1	8.2	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	04/09/80-10/20/81	59	8.2	8.23	8.4	8.1	0.007	0.083	8.1	8.2	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/80-10/20/81	59	0.006	0.006	0.008	0.004	0.	0.001	0.004	0.005	0.006	0.008
00600	NITROGEN, TOTAL (MG/L AS N)	06/23/80-06/23/80	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-10/20/81	13	0.033	0.036	0.067	0.005	0.	0.022	0.007	0.015	0.054	0.067
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-10/20/81	13	0.345	0.405	0.685	0.245	0.02	0.142	0.251	0.293	0.475	0.671
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-10/20/81	13	0.22	0.258	0.34	0.19	0.004	0.061	0.19	0.2	0.32	0.34
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-10/20/81	12	0.01	0.011	0.021	0.003	0.	0.006	0.003	0.006	0.016	0.021
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/09/80-10/20/81	13 ##	0.003	0.003	0.005	0.003	0.	0.001	0.003	0.003	0.003	0.004
00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-10/20/81	13	10.	10.385	12.	9.	1.09	1.044	9.	10.	11.5	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/09/80-10/20/81	13	24.	24.077	34.	22.	9.91	3.148	22.	22.	24.	30.4
00956	SILICA, TOTAL (MG/L AS SI02)	04/09/80-10/20/81	13	0.6	0.623	1.1	0.3	0.069	0.262	0.3	0.45	0.8	1.1
01002	ARSENIC, TOTAL (UG/L AS AS)	05/18/81-10/20/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/18/81-10/20/81	6	26.5	27.333	34.	23.	16.667	4.082	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/18/81-10/20/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/18/81-10/20/81	6	2.5	2.333	4.	1.	1.467	1.211	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/18/81-10/20/81	5	2.	1.6	2.	1.	0.3	0.548	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/18/81-10/20/81	6	300.	316.667	460.	260.	5546.667	74.476	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/18/81-10/20/81	6 ##	0.75	1.917	7.	0.5	6.542	2.558	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/18/81-10/20/81	6 ##	0.05	0.043	0.05	0.005	0.	0.018	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/18/81-10/20/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/09/80-10/20/81	13 ##	1.	4.385	21.	1.	45.59	6.752	1.	1.	6.	18.6
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/23/80-06/23/80	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/18/81-10/20/81	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0146

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	59	0	0.00	21	0	0.00				30	0	0.00	8	0	0.00
00400	PH	Other-Hi Lim.	9.	59	0	0.00	21	0	0.00				30	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	59	0	0.00	21	0	0.00				30	0	0.00	8	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	4	0	0.00				7	0	0.00	2	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	13	0	0.00	4	0	0.00				7	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	13	0	0.00	4	0	0.00				7	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	13	0	0.00	4	0	0.00				7	0	0.00	2	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	50.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	5.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	5	0	0.00	2	0	0.00				1	0	0.00	2	0	0.00
		Drinking Water	1300.	5	0	0.00	2	0	0.00				1	0	0.00	2	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	5.	6	1	0.17	2	0	0.00				2	1	0.50	2	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	50.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	50.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	2.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0147

NPS Station ID: INDU0147
LAT/LON: 41.632504/ -87.146948
Agency: 21INDN
Date Created: / /
Location: BETHLEHEM STEEL CHESTERTON
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 312902
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 24.250
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001000200.00
RF3 Mile Point: 5.89
Distance from RF3: 0.02
On/Off RF3:
Description:
NET EFFLUENT DOCK SAMPLING

Parameter Inventory for Station: INDU0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00056	FLOW, RATE GALLONS/DAY	09/01/72-05/31/73	266	3456.	3331.301	3600.	1584.	58442.634	241.749	3168.	3168.	3456.	3456.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/72-05/27/73	152	10.	13.224	75.	5.	92.188	9.601	5.	10.	15.	25.
00300	OXYGEN, DISSOLVED MG/L	09/01/72-05/31/73	266	0.8	0.746	2.3	0.	0.2	0.447	0.1	0.4	1.	1.2
00310	BOD, 5 DAY, 20 DEG C MG/L	09/01/72-05/31/73	266	0.3	0.481	5.1	0.	0.286	0.535	0.1	0.2	0.625	1.
00400	PH (STANDARD UNITS)	09/01/72-05/31/73	264	8.1	8.032	9.4	7.1	0.076	0.275	7.6	7.9	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	09/01/72-05/31/73	264	8.1	7.935	9.4	7.1	0.085	0.292	7.6	7.9	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/72-05/31/73	264	0.008	0.012	0.079	0.	0.	0.01	0.005	0.006	0.013	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/01/72-05/31/73	266	3.	3.763	51.	0.	24.264	4.926	0.	1.	5.	8.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/01/72-05/31/73	266	2.	4.391	134.	0.	97.477	9.873	0.	1.	5.	9.3
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/01/72-05/31/73	266	0.35	0.71	9.8	0.	1.519	1.232	0.	0.1	0.8	1.63
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/01/72-05/31/73	266	0.02	0.063	0.98	0.	0.013	0.113	0.	0.	0.073	0.16
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/01/72-05/31/73	266	0.	0.	0.04	0.	0.	0.003	0.	0.	0.	0.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/72-05/31/73	266	0.5	2.699	44.	0.	49.816	7.058	0.1	0.2	1.	4.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/72-05/31/73	266	1.	2.301	43.	0.	17.502	4.183	0.	0.	2.	5.
00951	FLUORIDE, TOTAL (MG/L AS F)	09/01/72-05/31/73	266	0.05	0.095	0.98	0.	0.016	0.128	0.	0.	0.14	0.25
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/01/72-05/31/73	266	10.	35.827	1780.	0.	18452.332	135.839	0.	0.	20.	83.
01045	IRON, TOTAL (UG/L AS FE)	09/01/72-05/31/73	266	100.	380.075	6600.	0.	595488.296	771.679	0.	100.	400.	800.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/01/72-05/31/73	266	0.	0.03	8.	0.	0.241	0.49	0.	0.	0.001	0.001
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/01/72-05/31/73	266	0.	0.071	7.3	0.	0.206	0.454	0.	0.	0.1	0.1
74022	TURBIDITY OF SUPERNATANT, MG/L	09/01/72-05/31/73	266	1.	1.692	27.	0.	6.765	2.601	0.	0.	2.	4.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0147

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	264	1	0.00	119	0	0.00	57	1	0.02	73	0	0.00	15	0	0.00
		Other-Lo Lim.	6.5	264	0	0.00	119	0	0.00	57	0	0.00	73	0	0.00	15	0	0.00
00720	CYANIDE, TOTAL	Marine Acute	0.001	266	6	0.02	120	3	0.03	57	1	0.02	74	2	0.03	15	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0148

NPS Station ID: INDU0148
LAT/LON: 41.632504/ -87.146948
Agency: 21INDN
Date Created: / /
Location: BETHLEHEM STEEL CHESTERTON
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 312904
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 24.250
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001000200.00
RF3 Mile Point: 2.91
Distance from RF3: 0.43
On/Off RF3:
Description:
GROSS EFFLUENT DOCK

Parameter Inventory for Station: INDU0148

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/01/72-05/31/73	252	57.	56.579	78.	40.	98.555	9.928	43.	47.	64.	68.
00056	FLOW, RATE GALLONS/DAY	09/01/72-05/31/73	252	3456.	3334.087	3600.	1584.	59046.351	242.995	3168.	3168.	3456.	3456.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/72-05/31/73	252	275.	275.159	310.	200.	238.222	15.434	260.	270.	280.	300.
00300	OXYGEN, DISSOLVED MG/L	09/01/72-05/31/73	252	10.3	10.285	13.3	4.2	1.569	1.252	8.93	9.6	11.2	11.77
00310	BOD, 5 DAY, 20 DEG C MG/L	09/01/72-05/31/73	252	1.55	1.683	7.4	0.	1.015	1.008	0.5	1.1	2.2	2.77
00400	PH (STANDARD UNITS)	09/01/72-05/31/73	252	8.1	8.027	9.4	7.1	0.078	0.28	7.63	7.9	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	09/01/72-05/31/73	252	8.1	7.926	9.4	7.1	0.088	0.297	7.63	7.9	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/72-05/31/73	252	0.008	0.012	0.079	0.	0.	0.01	0.005	0.006	0.013	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/01/72-05/31/73	252	111.	111.222	138.	70.	31.568	5.619	106.	108.	114.	117.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/01/72-05/31/73	252	11.	15.845	146.	0.	297.366	17.244	2.	5.	20.	35.
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	09/01/72-05/31/73	252	1.2	1.539	9.3	0.	1.839	1.356	0.4	0.6	2.1	3.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/01/72-05/31/73	252	0.04	0.094	0.75	0.	0.018	0.134	0.	0.	0.14	0.28
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/01/72-05/31/73	252	0.	0.	0.04	0.	0.	0.003	0.	0.	0.	0.
00940	CHLORIDE,TOTAL IN WATER MG/L	09/01/72-05/31/73	252	11.	12.77	53.	7.	55.174	7.428	9.	9.	12.	16.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/72-05/31/73	252	25.	25.516	78.	15.	40.179	6.339	18.	22.	28.	32.
00951	FLUORIDE, TOTAL (MG/L AS F)	09/01/72-05/31/73	252	0.21	0.225	0.98	0.	0.03	0.174	0.	0.09	0.32	0.474
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/01/72-05/31/73	252	10.	35.944	1810.	0.	17587.965	132.62	0.	0.	27.5	60.
01045	IRON, TOTAL (UG/L AS FE)	09/01/72-05/31/73	252	600.	746.828	9900.	0.	845125.755	919.307	200.	300.	900.	1470.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/01/72-05/31/73	252	0.	0.001	0.005	0.	0.	0.001	0.	0.	0.001	0.002
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	09/01/72-05/31/73	252	0.1	0.183	0.9	0.	0.033	0.183	0.	0.	0.3	0.4
74022	TURBIDITY OF SUPERNATANT, MG/L	09/01/72-05/31/73	252	9.	13.706	278.	1.	479.459	21.897	4.	6.	15.	24.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0148

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	252	1	0.00	116	0	0.00	56	1	0.02	65	0	0.00	15	0	0.00
		Other-Lo Lim.	6.5	252	0	0.00	116	0	0.00	56	0	0.00	65	0	0.00	15	0	0.00
00720	CYANIDE, TOTAL	Marine Acute	0.001	252	6	0.02	116	3	0.03	56	1	0.02	65	2	0.03	15	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0149

NPS Station ID: INDU0149
LAT/LON: 41.646948/ -87.148060
Agency: 21IND
Date Created: 02/21/81
Location: MOUTH-BURNS WATERWAY HARBOR
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359056 /56-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 40
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 6.40
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 0.47
Distance from RF3: 0.29
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/80-10/20/81	81	14.	14.481	23.	8.	17.59	4.194	9.	11.	17.25	21.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/19/80-10/20/81	8	63.	84.75	216.	36.	3686.786	60.719	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/19/80-10/20/81	81	240.	221.667	270.	140.	2119.375	46.037	140.	200.	260.	269.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/80-10/20/81	81	305.	303.704	320.	240.	167.986	12.961	290.	295.	310.	320.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/19/80-10/20/81	81	9.6	9.658	11.8	7.1	1.035	1.017	8.62	9.	10.35	11.2
00400	PH (STANDARD UNITS)	05/19/80-10/20/81	81	8.2	8.183	8.5	8.	0.019	0.139	8.	8.	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	05/19/80-10/20/81	81	8.2	8.162	8.5	8.	0.02	0.14	8.	8.	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/19/80-10/20/81	81	0.006	0.007	0.01	0.003	0.	0.002	0.004	0.005	0.01	0.01
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	05/22/80-09/16/80	4	24.05	23.15	28.4	16.1	27.51	5.245	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/23/80-06/23/80	2	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/19/80-10/20/81	21	0.038	0.036	0.076	0.005	0.	0.022	0.005	0.019	0.056	0.072
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/19/80-10/20/81	21	0.355	0.393	0.765	0.205	0.021	0.144	0.246	0.28	0.473	0.657
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/19/80-10/20/81	21	0.23	0.256	0.41	0.17	0.005	0.069	0.186	0.22	0.275	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/19/80-10/20/81	21	0.012	0.014	0.029	0.006	0.	0.007	0.006	0.009	0.021	0.026
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/19/80-10/20/81	21 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
00940	CHLORIDE,TOTAL IN WATER MG/L	05/19/80-10/20/81	21	11.	10.905	13.	9.	1.19	1.091	9.2	10.	12.	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/19/80-10/20/81	21	23.	23.333	26.	22.	1.833	1.354	22.	22.	24.	26.
00956	SILICA, TOTAL (MG/L AS SI02)	05/19/80-10/20/81	21	0.5	0.633	1.9	0.1	0.196	0.443	0.1	0.3	0.9	1.18
01002	ARSENIC, TOTAL (UG/L AS AS)	05/19/80-10/20/81	15 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01007	BARIUM, TOTAL (UG/L AS BA)	05/19/80-10/20/81	15	28.	26.6	34.	17.	25.971	5.096	17.	24.	31.	32.8
01027	CADMIUM, TOTAL (UG/L AS CD)	05/19/80-10/20/81	15 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/19/80-10/20/81	15	2.	1.8	3.	1.	0.6	0.775	1.	1.	2.	3.
01042	COPPER, TOTAL (UG/L AS CU)	05/19/80-10/20/81	15	2.	2.533	8.	1.	5.267	2.295	1.	1.	2.	8.
01045	IRON, TOTAL (UG/L AS FE)	05/19/80-10/20/81	15	200.	202.133	370.	30.	13354.552	115.562	48.	76.	310.	364.
01051	LEAD, TOTAL (UG/L AS PB)	05/19/80-10/20/81	15	1.	1.133	2.	0.5	0.445	0.667	0.5	0.5	2.	2.
01077	SILVER, TOTAL (UG/L AS AG)	05/19/80-10/20/81	14 ##	0.5	0.307	0.5	0.05	0.053	0.231	0.05	0.05	0.5	0.5
01147	SELENIUM, TOTAL (UG/L AS SE)	05/19/80-10/20/81	15 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/19/80-10/20/81	21 ##	1.	2.476	14.	1.	10.662	3.265	1.	1.	2.5	8.2
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/22/80-09/16/80	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/22/80-09/16/80	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/22/80-09/16/80	4 ##	0.05	0.075	0.15	0.05	0.003	0.05	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/22/80-09/16/80	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/22/80-09/16/80	4 ##	0.05	0.075	0.15	0.05	0.003	0.05	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	7 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/22/80-09/16/80	4 ##	0.5	0.563	0.75	0.5	0.016	0.125	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/22/80-09/16/80	4 ##	0.05	0.075	0.15	0.05	0.003	0.05	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	7 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/22/80-09/16/80	4 ##	0.5	0.438	0.5	0.25	0.016	0.125	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	7 ##	0.005	0.017	0.09	0.005	0.001	0.032	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/22/80-09/16/80	4 ##	0.01	0.019	0.05	0.005	0.	0.021	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/22/80-09/16/80	4 ##	0.003	0.014	0.05	0.001	0.001	0.024	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	05/19/80-09/16/80	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/22/80-09/16/80	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/23/80-06/23/80	2	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/19/80-10/20/81	15 ##	0.05	0.083	0.2	0.05	0.003	0.052	0.05	0.05	0.1	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0149

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	81	0	0.00	32	0	0.00				33	0	0.00	16	0	0.00
00400	PH	Other-Hi Lim.	9.	81	0	0.00	32	0	0.00				33	0	0.00	16	0	0.00
		Other-Lo Lim.	6.5	81	0	0.00	32	0	0.00				33	0	0.00	16	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	21	0	0.00	8	0	0.00				9	0	0.00	4	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	21	0	0.00	8	0	0.00				9	0	0.00	4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	21	0	0.00	8	0	0.00				9	0	0.00	4	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	21	0	0.00	8	0	0.00				9	0	0.00	4	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	15	0	0.00	6	0	0.00				7	0	0.00	2	0	0.00
		Drinking Water	50.	15	0	0.00	6	0	0.00				7	0	0.00	2	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	15	0	0.00	6	0	0.00				7	0	0.00	2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	15	0	0.00	6	0	0.00				7	0	0.00	2	0	0.00
		Drinking Water	5.	15	0	0.00	6	0	0.00				7	0	0.00	2	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	15	0	0.00	6	0	0.00				7	0	0.00	2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	15	0	0.00	6	0	0.00				7	0	0.00	2	0	0.00
		Drinking Water	1300.	15	0	0.00	6	0	0.00				7	0	0.00	2	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	15	0	0.00	6	0	0.00				7	0	0.00	2	0	0.00
		Drinking Water	5.	15	0	0.00	6	0	0.00				7	0	0.00	2	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	14	0	0.00	6	0	0.00				6	0	0.00	2	0	0.00
		Drinking Water	50.	14	0	0.00	6	0	0.00				6	0	0.00	2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	15	0	0.00	6	0	0.00				7	0	0.00	2	0	0.00
		Drinking Water	50.	15	0	0.00	6	0	0.00				7	0	0.00	2	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	7	0	0.00	1	0	0.00				3	0	0.00	3	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	7	0	0.00	1	0	0.00				3	0	0.00	3	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	7	0	0.00	1	0	0.00				3	0	0.00	3	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	7	0	0.00	1	0	0.00				3	0	0.00	3	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	7	0	0.00	1	0	0.00				3	0	0.00	3	0	0.00
		Drinking Water	0.2	7	0	0.00	1	0	0.00				3	0	0.00	3	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	7	0	0.00	1	0	0.00				3	0	0.00	3	0	0.00
		Drinking Water	3.	7	0	0.00	1	0	0.00				3	0	0.00	3	0	0.00
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	7	0	0.00	1	0	0.00				3	0	0.00	3	0	0.00
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	7	0	0.00	1	0	0.00				3	0	0.00	3	0	0.00
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	7	0	0.00	1	0	0.00				3	0	0.00	3	0	0.00
		Drinking Water	0.2	7	0	0.00	1	0	0.00				3	0	0.00	3	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	15	0	0.00	6	0	0.00				7	0	0.00	2	0	0.00
		Drinking Water	2.	15	0	0.00	6	0	0.00				7	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0150

NPS Station ID: INDU0150
LAT/LON: 41.641670/ -87.150003
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN-BURNS WATERWAY HRB
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM012
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 22
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 9.90
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 8.87
Distance from RF3: 0.67
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/63-09/09/63	10	19.	19.7	22.	18.	2.233	1.494	18.	18.75	21.25	22.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/23/63-09/06/63	8	2.25	2.05	2.6	1.2	0.36	0.6	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/63-09/09/63	10	269.5	258.9	275.	235.	268.1	16.374	235.2	239.25	271.25	274.7
00300	OXYGEN, DISSOLVED MG/L	08/23/63-09/09/63	10	8.7	8.81	10.5	7.5	1.041	1.02	7.5	8.25	9.3	10.5
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/63-09/09/63	10	93.	95.9	119.8	80.2	180.909	13.45	80.23	89.575	100.6	119.71
00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/63-09/09/63	5	1.2	1.28	1.8	0.9	0.137	0.37	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/63-09/09/63	10	8.2	8.25	8.7	8.	0.061	0.246	8.01	8.1	8.325	8.7
00400	CONVERTED PH (STANDARD UNITS)	08/23/63-09/09/63	10	8.2	8.2	8.7	8.	0.063	0.252	8.01	8.1	8.325	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/63-09/09/63	10	0.006	0.006	0.01	0.002	0.	0.003	0.002	0.005	0.008	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/09/63	10	105.5	105.3	114.	97.	23.567	4.855	97.2	102.75	108.25	113.5
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/63-09/09/63	5	185.	184.	195.	175.	55.	7.416	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-09/09/63	5	0.08	0.086	0.11	0.07	0.	0.018	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-09/09/63	5	0.05	0.052	0.09	0.03	0.001	0.023	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/63-09/09/63	5	0.04	0.038	0.06	0.02	0.	0.018	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/09/63	10	7.	6.6	8.	5.	0.711	0.843	5.1	6.	7.	7.9
00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/63-09/09/63	10	17.	17.5	21.	16.	3.167	1.78	16.	16.	18.5	20.9
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-09/09/63	5	0.8	1.52	6.	0.	6.432	2.536	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0150

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	10	0	0.00										10	0	0.00
00400	PH	Other-Hi Lim.	9.	10	0	0.00										10	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00										10	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00										5	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00										10	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	10	0	0.00										10	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0151

NPS Station ID: INDU0151
LAT/LON: 41.611115/ -87.154170
Agency: 112WRD
Date Created: 06/29/78
Location: LITTLE CALUMET R NR MCCOOL IN
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 04095000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001019
RF1 Mile Point: 1.110
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001031500.00
RF3 Mile Point: 0.14
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/18/78-07/11/80	21	14.2	15.033	26.	3.5	56.557	7.52	5.1	8.35	22.	25.18
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/18/78-06/11/80	12	253.	285.5	440.	190.	6398.273	79.989	199.	235.25	347.75	433.7
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/18/78-04/18/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/05/78-06/11/80	10	1.5	2.22	7.	0.2	4.473	2.115	0.23	0.875	3.375	6.75
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/18/78-07/11/80	21	570.	565.905	665.	423.	3199.49	56.564	468.	544.5	599.	641.2
00300	OXYGEN, DISSOLVED MG/L	04/18/78-07/11/80	19	9.6	9.774	13.2	6.9	3.226	1.796	7.3	8.4	11.2	12.6
00400	PH (STANDARD UNITS)	04/18/78-07/11/80	20	8.05	7.9	8.5	6.9	0.172	0.414	7.11	7.7	8.175	8.29
00400	CONVERTED PH (STANDARD UNITS)	04/18/78-07/11/80	20	8.047	7.657	8.5	6.9	0.234	0.483	7.11	7.7	8.175	8.29
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/78-07/11/80	20	0.009	0.022	0.126	0.003	0.001	0.031	0.005	0.007	0.02	0.078
00405	CARBON DIOXIDE (MG/L AS CO2)	04/18/78-08/24/79	2	1.85	1.85	1.9	1.8	0.005	0.071	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/18/78-07/11/80	14	160.	153.571	170.	140.	101.648	10.082	140.	140.	160.	165.
00440	BICARBONATE ION (MG/L AS HCO3)	04/18/78-04/18/78	1	190.	190.	190.	190.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/18/78-04/18/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/24/79-07/11/80	2	9.595	9.595	15.8	3.39	77.004	8.775	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/24/79-07/11/80	2	10.785	10.785	17.4	4.17	87.516	9.355	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	04/18/78-06/11/80	10	1.85	1.87	2.7	1.3	0.245	0.495	1.31	1.4	2.225	2.69
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/24/79-07/11/80	9	2.	1.9	2.7	1.1	0.263	0.512	1.1	1.5	2.25	2.7
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/18/78-06/11/80	10	0.47	0.52	0.92	0.27	0.043	0.208	0.272	0.365	0.663	0.907
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	10	0.525	0.555	0.83	0.23	0.049	0.221	0.239	0.365	0.805	0.829
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	10	0.245	0.278	0.47	0.12	0.017	0.131	0.121	0.168	0.408	0.466
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/18/78-06/11/80	10	0.375	0.345	0.48	0.13	0.013	0.115	0.14	0.238	0.45	0.477
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	10	0.79	0.833	1.3	0.45	0.093	0.306	0.455	0.538	1.2	1.29
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	11/15/79-06/11/80	6	0.05	0.07	0.21	0.	0.007	0.086	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/18/78-06/11/80	10	0.8	0.865	1.3	0.6	0.068	0.261	0.603	0.638	1.125	1.29
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/18/78-06/11/80	11	0.86	1.05	1.6	0.69	0.103	0.321	0.702	0.79	1.3	1.58
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/17/78-07/11/80	10	1.05	1.06	1.5	0.7	0.076	0.276	0.7	0.775	1.25	1.49
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	07/11/80-07/11/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/17/78-07/11/80	3	0.	0.01	0.03	0.	0.	0.017	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/18/78-06/11/80	11	0.09	0.085	0.16	0.05	0.001	0.032	0.05	0.06	0.1	0.15
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/18/78-07/11/80	14	0.04	0.043	0.1	0.01	0.001	0.029	0.015	0.02	0.055	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/17/78-07/11/80	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	11/06/78-06/11/80	7	6.	7.357	11.	4.	8.806	2.968	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/17/78-07/11/80	4	5.75	6.025	10.	2.6	9.509	3.084	**	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	02/27/80-02/27/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/18/78-07/11/80	14	230.	227.143	250.	180.	345.055	18.576	195.	217.5	240.	250.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/18/78-07/11/80	14	76.	75.643	94.	45.	153.17	12.376	53.	71.	84.5	91.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/18/78-07/11/80	14	60.	59.786	67.	46.	28.797	5.366	50.5	56.75	63.25	67.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/18/78-07/11/80	14	20.	19.357	21.	17.	1.94	1.393	17.	18.	20.25	21.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/18/78-07/11/80	14	21.	20.786	27.	17.	6.797	2.607	17.	18.75	22.	25.
00931	SODIUM ADSORPTION RATIO	04/18/78-07/11/80	14	0.6	0.607	0.8	0.5	0.007	0.083	0.5	0.575	0.625	0.75
00932	SODIUM, PERCENT	04/18/78-07/11/80	14	16.5	18.071	24.	14.	12.071	3.474	14.	15.75	21.5	23.5
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/24/79-03/12/80	7	26.	26.714	32.	25.	6.238	2.498	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/18/78-07/11/80	14	4.	4.171	5.7	2.8	0.664	0.815	2.85	3.75	4.775	5.45
00940	CHLORIDE,TOTAL IN WATER MG/L	04/18/78-07/11/80	14	38.5	37.143	47.	26.	27.516	5.246	28.5	33.75	40.	44.5
00945	SULFATE, TOTAL (MG/L AS SO4)	04/18/78-07/11/80	14	60.5	60.286	75.	39.	86.374	9.294	45.5	55.	67.	73.5
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/18/78-07/11/80	14	0.6	0.621	0.9	0.4	0.019	0.137	0.45	0.5	0.7	0.85
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/18/78-07/11/80	14	6.15	6.364	9.7	4.2	1.895	1.377	4.65	5.45	6.975	8.85
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/06/78-02/27/80	4	1.5	2.25	5.	1.	3.583	1.893	**	**	**	**
01001	ARSENIC, SUSPENDED (UG/L AS AS)	11/15/79-02/27/80	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/06/78-02/27/80	3	1.	1.333	2.	1.	0.333	0.577	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/17/78-08/24/79	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/06/78-02/27/80	4	45.	42.5	50.	30.	91.667	9.574	**	**	**	**
01006	BARIUM, SUSPENDED (UG/L AS BA)	11/06/78-02/27/80	3	0.	23.333	70.	0.	1633.333	40.415	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	11/06/78-02/27/80	3 ##	50.	58.333	100.	25.	1458.333	38.188	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/06/78-02/27/80	4	1.5	1.25	2.	0.	0.917	0.957	**	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS CD)	11/06/78-02/27/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/06/78-02/27/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/17/78-08/24/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/17/78-08/24/79	2 ##	17.5	17.5	30.	5.	312.5	17.678	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/06/78-02/27/80	4	7.5	9.25	20.	2.	62.25	7.89	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	11/06/78-02/27/80	4	1.	1.25	3.	0.	2.25	1.5	**	**	**	**
01036	COBALT, SUSPENDED (UG/L AS CO)	11/06/78-02/27/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	11/06/78-02/27/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/17/78-08/24/79	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/06/78-02/27/80	4	3.	3.25	5.	2.	2.25	1.5	**	**	**	**
01041	COPPER, SUSPENDED (UG/L AS CU)	11/06/78-02/27/80	3	4.	175.667	520.	3.	88924.333	298.202	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/06/78-02/27/80	3	8.	177.667	520.	5.	87896.333	296.473	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/17/78-08/24/79	2	25.	25.	30.	20.	50.	7.071	**	**	**	**
01044	IRON, SUSPENDED (UG/L AS FE)	11/06/78-02/27/80	3	540.	563.333	770.	380.	38433.333	196.044	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/06/78-02/27/80	3	630.	603.333	790.	390.	40533.333	201.329	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/06/78-07/11/80	7	20.	34.286	90.	10.	828.571	28.785	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/06/78-02/27/80	4	2.5	3.75	10.	0.	22.917	4.787	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	11/06/78-02/27/80	3	7.	5.667	10.	0.	26.333	5.132	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/06/78-02/27/80	3	10.	9.	10.	7.	3.	1.732	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/17/78-08/24/79	2	160.	160.	300.	20.	39200.	197.99	**	**	**	**
01054	MANGANESE, SUSPENDED (UG/L AS MN)	11/06/78-02/27/80	3	20.	36.667	70.	20.	833.333	28.868	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	11/06/78-02/27/80	3	80.	90.	120.	70.	700.	26.458	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/06/78-07/11/80	7	50.	50.714	100.	5.	853.571	29.216	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/11/79-02/27/80	3	1.	2.	5.	0.	7.	2.646	**	**	**	**
01066	NICKEL, SUSPENDED (UG/L AS NI)	11/15/79-02/27/80	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	11/15/79-02/27/80	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	11/06/78-02/27/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01076	SILVER, SUSPENDED (UG/L AS AG)	11/06/78-02/27/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	11/06/78-06/11/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/06/78-02/27/80	4	15.	20.	50.	0.	466.667	21.602	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	11/06/78-02/27/80	3	20.	20.	30.	10.	100.	10.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	11/06/78-02/27/80	3	30.	30.	40.	20.	100.	10.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/17/78-08/24/79	2	85.	85.	100.	70.	450.	21.213	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/06/78-02/27/80	4	0.	0.125	0.5	0.	0.063	0.25	**	**	**	**
01146	SELENIUM, SUSPENDED (UG/L AS SE)	11/06/78-02/27/80	3	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	11/06/78-02/27/80	3	0.5	0.5	1.	0.	0.25	0.5	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/18/78-06/11/80	10	14750.	18560.	44500.	2200.	215256000.	14671.605	2240.	4325.	31125.	43500.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/18/78-06/11/80	10	4.167	4.089	4.648	3.342	0.219	0.468	3.35	3.621	4.492	4.637
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12283.497								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/18/78-08/22/79	9	1650.	3228.333	11000.	264.	13199051.5	3633.05	264.	560.5	5600.	11000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/18/78-08/22/79	9	3.217	3.221	4.041	2.422	0.325	0.57	2.422	2.705	3.738	4.041
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1664.785								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	01/15/80-06/11/80	5	960.	2659.2	8000.	136.	11405843.2	3377.254	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	01/15/80-06/11/80	5	2.982	2.984	3.903	2.134	0.604	0.777	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			964.713								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/18/78-06/11/80	14	458.5	1156.643	8600.	36.	4830267.17	2197.787	53.5	210.5	1150.	5130.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/18/78-06/11/80	14	2.647	2.665	3.934	1.556	0.355	0.596	1.704	2.323	3.06	3.577
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			461.895								
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/17/78-08/24/79	2	6.5	6.5	9.	4.	12.5	3.536	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	1.75	1.75	2.4	1.1	0.845	0.919	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	0.55	0.55	1.1	0.	0.605	0.778	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/17/78-08/24/79	2	1.5	1.5	1.6	1.4	0.02	0.141	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/17/78-08/24/79	2	72.	72.	100.	44.	1568.	39.598	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	06/12/78-06/11/80	6	1900.	1915.	3200.	890.	805750.	897.636	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/18/78-06/11/80	11	345.	342.182	387.	301.	839.564	28.975	301.4	317.	363.	386.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/18/78-07/11/80	14	303.5	303.214	341.	241.	672.335	25.929	260.5	284.	322.	338.
70302	SOLIDS, DISSOLVED-TONS PER DAY	04/18/78-06/11/80	10	235.	276.8	460.	170.	10286.4	101.422	173.2	202.75	363.	457.2
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/18/78-07/11/80	14	0.45	0.446	0.53	0.33	0.003	0.055	0.355	0.41	0.483	0.525
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	11/15/79-06/11/80	4	91.5	89.75	98.	78.	70.917	8.421	**	**	**	**
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/24/79-07/11/80	2	673.5	673.5	708.	639.	2380.5	48.79	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/24/79-07/11/80	2	1.75	1.75	2.3	1.2	0.605	0.778	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/24/79-07/11/80	2	0.45	0.45	0.8	0.1	0.245	0.495	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	10/11/79-06/11/80	7	0.5	0.443	0.6	0.2	0.02	0.14	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/17/78-07/11/80	10	0.315	0.358	0.61	0.15	0.029	0.17	0.152	0.215	0.528	0.604
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/11/79-06/11/80	8	0.28	0.276	0.49	0.15	0.011	0.106	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	04/18/78-06/11/80	10	8.05	8.29	12.	5.7	5.268	2.295	5.75	6.275	10.05	12.
71890	MERCURY, DISSOLVED (UG/L AS HG)	11/06/78-02/27/80	4 ##	0.2	0.175	0.25	0.05	0.008	0.087	**	**	**	**
71895	MERCURY, SUSPENDED (UG/L AS HG)	11/06/78-02/27/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	11/06/78-02/27/80	3 ##	0.2	0.167	0.25	0.05	0.011	0.104	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	04/18/78-06/11/80	9	29.	30.778	67.	5.	518.694	22.775	5.	11.5	51.	67.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	04/18/78-06/11/80	9	18.	23.689	54.	4.93	368.408	19.194	4.93	7.695	45.	54.

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EPA Water Quality Criteria Analysis for Station: INDU0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	10	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	19	0	0.00	8	0	0.00	3	0	0.00	7	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	20	0	0.00	8	0	0.00	3	0	0.00	8	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	20	0	0.00	8	0	0.00	3	0	0.00	8	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00	6	0	0.00	2	0	0.00	3	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	10	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	14	0	0.00	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	14	0	0.00	7	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	4	0	0.00	3	0	0.00	1	0	0.00						
		Drinking Water	50.	4	0	0.00	3	0	0.00	1	0	0.00						
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	50.	3	0	0.00	2	0	0.00	1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	4	0	0.00	3	0	0.00	1	0	0.00						
01006	BARIUM, SUSPENDED	Drinking Water	2000.	3	0	0.00	2	0	0.00	1	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	3	0	0.00	2	0	0.00	1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00	3	0	0.00	1	0	0.00						
		Drinking Water	5.	4	0	0.00	3	0	0.00	1	0	0.00						
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	5.	3	0	0.00	2	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	5.	3	0	0.00	2	0	0.00	1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	4	0	0.00	3	0	0.00	1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	4	0	0.00	3	0	0.00	1	0	0.00						
		Drinking Water	1300.	4	0	0.00	3	0	0.00	1	0	0.00						
01041	COPPER, SUSPENDED	Fresh Acute	18.	3	1	0.33	2	1	0.50	1	0	0.00						
		Drinking Water	1300.	3	0	0.00	2	0	0.00	1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	3	1	0.33	2	1	0.50	1	0	0.00						
		Drinking Water	1300.	3	0	0.00	2	0	0.00	1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00	3	0	0.00	1	0	0.00						
		Drinking Water	5.	4	2	0.50	3	2	0.67	1	0	0.00						
01050	LEAD, SUSPENDED	Fresh Acute	82.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	5.	3	2	0.67	2	1	0.50	1	1	1.00						
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	5.	3	3	1.00	2	2	1.00	1	1	1.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	100.	3	0	0.00	2	0	0.00	1	0	0.00						
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	50.	3	0	0.00	2	0	0.00	1	0	0.00						
01076	SILVER, SUSPENDED	Fresh Acute	4.1	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	50.	3	0	0.00	2	0	0.00	1	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	50.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00	3	0	0.00	1	0	0.00						
01091	ZINC, SUSPENDED	Fresh Acute	120.	3	0	0.00	2	0	0.00	1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	3	0	0.00	2	0	0.00	1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	4	0	0.00	3	0	0.00	1	0	0.00						
		Drinking Water	50.	4	0	0.00	3	0	0.00	1	0	0.00						
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	50.	3	0	0.00	2	0	0.00	1	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	50.	3	0	0.00	2	0	0.00	1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	10	10	1.00	4	4	1.00	2	2	1.00	4	4	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	9	9	1.00	4	4	1.00	1	1	1.00	3	3	1.00	1	1	1.00
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	5	4	0.80	1	0	0.00	2	2	1.00	2	2	1.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	4	0	0.00	3	0	0.00	1	0	0.00						
		Drinking Water	2.	4	0	0.00	3	0	0.00	1	0	0.00						
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	2.	3	0	0.00	2	0	0.00	1	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	2.	3	0	0.00	2	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0152

NPS Station ID: INDU0152 | LAT/LON: 41.637504/ -87.156670 | Agency: 21ILL | Date Created: / /
Location: DUNES ST. PK., INDIANA BEACH | FIPS State/County: 17998 ILLINOIS/
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 48307 /QY 81
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 04060200 | Depth of Water: 20 | Aquifer:
Major Basin: LAKE MICHIGAN | Elevation: 0 | Water Body Id:
Minor Basin: LAKE MICHIGAN | ECO Region:
RF1 Index: 04060200 | RF1 Mile Point: 0.000 | Distance from RF1: 4.70 | On/Off RF1:
RF3 Index: 04040001000300.05 | RF3 Mile Point: 40.31 | Distance from RF3: 0.12 | On/Off RF3:
Description:
STATION LOCATION IS ON LAKE MICHIGAN, AT THE DUNES STATE PARK, INDIANA BEACH. STATION LOCATION IS ON LAKE MICHIGAN, AT THE DUNES STATE PARK, INDIANA THIS STATION IS SAMPLED BY THE ILLINOIS E.P.A. ON A MONTHLY BASIS.

Parameter Inventory for Station: INDU0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	69	18.9	18.413	25.	9.4	15.111	3.887	12.8	16.1	21.7	23.3
03501	BETA, TOTAL	09/04/68-09/11/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	73	200.	4441.37	190000.	0.	509493645.32	22571.966	10.	45.	1300.	4100.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	73	2.301	2.388	5.279	0.	1.12	1.058	1.	1.651	3.113	3.61
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			244.553								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	49	14.	139.408	2400.	1.	168171.372	410.087	1.	4.5	78.5	320.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	49	1.146	1.262	3.38	0.	0.772	0.879	0.	0.651	1.895	2.505
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.294								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	22	9.	13.636	60.	0.	237.671	15.417	1.	1.	25.	38.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	22	0.952	0.811	1.778	0.	0.371	0.609	0.	0.	1.398	1.575
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.466								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81211	FLUORIDE- STATE OF ILLINOIS (MG/L)	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD DIGEST.	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81219	IRON,TOTAL-STATE OF ILLINOIS,MG/L,COLD DIGEST	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81220	LEAD, STATE OF ILLINOIS,MG/L, COLD DIGEST.	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0152

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	73	22	0.30	2	0	0.00				34	13	0.38	37	9	0.24
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	49	7	0.14							24	4	0.17	25	3	0.12
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	22	0	0.00	2	0	0.00				10	0	0.00	10	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1967 - Station INDU0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	18	18.35	17.744	22.2	10.	11.93	3.454	11.98	16.1	20.15	22.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	22	840.	12591.818	190000.	0.	1633020396.537	40410.647	38.	200.	3125.	27200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	22	2.923	2.966	5.279	0.	1.254	1.12	1.482	2.301	3.495	4.432
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			924.432								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station INDU0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	15	17.8	17.487	22.8	11.1	14.37	3.791	12.12	13.9	20.	22.8
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	16	105.	673.75	5600.	10.	1997438.333	1413.308	10.	40.	567.5	2800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	16	1.977	2.115	3.748	1.	0.718	0.847	1.	1.602	2.752	3.367
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			130.396								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station INDU0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	13	18.9	18.292	23.9	12.8	15.961	3.995	12.8	13.85	21.7	23.22
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	13	380.	2147.692	16000.	30.	18903085.897	4347.768	74.	185.	1850.	11400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	13	2.58	2.776	4.204	1.477	0.523	0.723	1.745	2.267	3.239	3.984
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			596.952								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station INDU0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	5	23.3	22.44	25.	18.9	8.083	2.843	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	4	75.	915.	3500.	10.	2972833.333	1724.191	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	4	1.707	1.99	3.544	1.	1.295	1.138	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			97.67								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station INDU0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	18	19.4	18.822	23.9	9.4	17.325	4.162	10.48	17.1	21.975	23.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	18	70.	268.889	1800.	0.	253857.516	503.843	0.	10.	247.5	1440.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	18	1.841	1.734	3.255	0.	0.858	0.926	0.	1.	2.374	3.157
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			54.196								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0153

NPS Station ID: INDU0153
LAT/LON: 41.649448/ -87.158338
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM025
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 45
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 14.10
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 7.94
Distance from RF3: 1.19
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/63-09/09/63	14	19.	19.571	21.	19.	0.571	0.756	19.	19.	20.	21.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/23/63-09/06/63	9	1.4	1.867	3.2	1.1	0.583	0.763	1.1	1.25	2.5	3.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/63-09/09/63	14	270.	257.929	275.	230.	382.071	19.547	230.	233.75	273.	275.
00300	OXYGEN, DISSOLVED MG/L	08/23/63-09/09/63	14	8.6	8.521	9.7	7.1	0.433	0.658	7.5	8.1	8.825	9.65
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/63-09/09/63	14	92.	92.621	107.6	76.2	67.342	8.206	80.5	87.4	97.8	106.95
00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/63-09/09/63	5	0.9	0.86	1.1	0.5	0.053	0.23	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/63-09/09/63	14	8.15	8.164	8.6	7.9	0.046	0.213	7.9	7.975	8.3	8.55
00400	CONVERTED PH (STANDARD UNITS)	08/23/63-09/09/63	14	8.147	8.12	8.6	7.9	0.048	0.218	7.9	7.975	8.3	8.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/63-09/09/63	14	0.007	0.008	0.013	0.003	0.	0.003	0.003	0.005	0.011	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/09/63	14	104.	103.143	110.	95.	16.901	4.111	96.	101.	106.25	108.5
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/63-09/09/63	9	175.	175.556	190.	155.	96.528	9.825	155.	172.5	182.5	190.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-09/09/63	10	0.095	0.111	0.24	0.06	0.004	0.062	0.06	0.068	0.128	0.237
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-09/09/63	9	0.09	0.09	0.13	0.03	0.001	0.03	0.03	0.075	0.115	0.13
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/63-09/09/63	9	0.03	0.033	0.1	0.01	0.001	0.027	0.01	0.015	0.04	0.1
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/09/63	12	6.	6.417	8.	5.	0.629	0.793	5.3	6.	7.	7.7
00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/63-09/09/63	11	22.	21.364	22.	20.	0.855	0.924	20.	20.	22.	22.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-09/09/63	5	0.8	0.96	3.	0.	1.508	1.228	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0153

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	14	0	0.00										14	0	0.00
00400	PH	Other-Hi Lim.	9.	14	0	0.00										14	0	0.00
		Other-Lo Lim.	6.5	14	0	0.00										14	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00										9	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	12	0	0.00										12	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	11	0	0.00										11	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0154

NPS Station ID: INDU0154
LAT/LON: 41.633337/ -87.159726
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM008
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 49
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 27.710
Distance from RF1: 7.70
On/Off RF1: ON
RF3 Index: 04040001000300.05
RF3 Mile Point: 9.29
Distance from RF3: 0.35
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0154

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0155

NPS Station ID: INDU0155
LAT/LON: 41.652781/ -87.165559
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-40
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359040 /40-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 48
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 18.00
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 0.44
Distance from RF3: 1.34
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/18/80-06/25/81	28	12.5	12.857	19.5	7.	17.405	4.172	7.	11.	17.25	19.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/18/80-06/25/81	3	120.	136.	216.	72.	5376.	73.321	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	11/18/80-06/25/81	28	250.	254.643	270.	240.	92.46	9.616	245.	245.	265.	265.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/18/80-06/25/81	28	280.	289.643	340.	280.	272.09	16.495	280.	280.	285.	315.5
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	11/18/80-06/25/81	28	10.2	9.768	11.2	7.5	1.039	1.019	7.78	9.025	10.5	11.01
00400	PH (STANDARD UNITS)	11/18/80-06/25/81	28	8.3	8.25	8.5	8.	0.028	0.168	8.	8.063	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	11/18/80-06/25/81	28	8.3	8.219	8.5	8.	0.029	0.171	8.	8.063	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/18/80-06/25/81	28	0.005	0.006	0.01	0.003	0.	0.002	0.003	0.004	0.009	0.01
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/18/80-06/25/81	7	0.037	0.032	0.057	0.012	0.	0.019	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/18/80-06/25/81	7	0.315	0.44	0.685	0.28	0.035	0.188	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/18/80-06/25/81	7	0.24	0.256	0.28	0.23	0.001	0.023	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/18/80-06/25/81	7	0.018	0.265	1.74	0.008	0.423	0.65	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	11/18/80-06/25/81	7 ##	0.003	0.003	0.005	0.003	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/18/80-06/25/81	7	10.	10.143	11.	10.	0.143	0.378	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/18/80-06/25/81	7	22.	22.857	26.	22.	2.476	1.574	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	11/18/80-06/25/81	7	0.2	0.2	0.3	0.1	0.003	0.058	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/18/80-06/25/81	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	11/18/80-06/25/81	7	24.	22.143	30.	14.	37.476	6.122	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/18/80-06/25/81	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/18/80-06/25/81	7	1.	5.714	32.	1.	134.571	11.6	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/18/80-06/25/81	7	1.	1.143	2.	1.	0.143	0.378	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	11/18/80-06/25/81	7	62.	65.571	81.	53.	88.619	9.414	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/18/80-06/25/81	7 ##	0.5	0.714	1.	0.5	0.071	0.267	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	11/18/80-06/25/81	7 ##	0.05	0.179	0.5	0.05	0.048	0.22	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	11/18/80-06/25/81	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	11/18/80-06/25/81	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	11/18/80-06/25/81	7 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0155

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	28	0	0.00	6	0	0.00				22	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0155

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	28	0	0.00	6	0	0.00				22	0	0.00			
		Other-Lo Lim.	6.5	28	0	0.00	6	0	0.00				22	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	2	0	0.00				5	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	7	0	0.00	2	0	0.00				5	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	2	0	0.00				5	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	7	0	0.00	2	0	0.00				5	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00	2	0	0.00				5	0	0.00			
		Drinking Water	50.	7	0	0.00	2	0	0.00				5	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	7	0	0.00	2	0	0.00				5	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	7	0	0.00	2	0	0.00				5	0	0.00			
		Drinking Water	5.	7	0	0.00	2	0	0.00				5	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	7	0	0.00	2	0	0.00				5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	7	0	0.00	2	0	0.00				5	0	0.00			
		Drinking Water	1300.	7	0	0.00	2	0	0.00				5	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	7	0	0.00	2	0	0.00				5	0	0.00			
		Drinking Water	5.	7	0	0.00	2	0	0.00				5	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	7	0	0.00	2	0	0.00				5	0	0.00			
		Drinking Water	50.	7	0	0.00	2	0	0.00				5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	7	0	0.00	2	0	0.00				5	0	0.00			
		Drinking Water	50.	7	0	0.00	2	0	0.00				5	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	2	0	0.00				5	0	0.00			
		Drinking Water	2.	7	0	0.00	2	0	0.00				5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0156

NPS Station ID: INDU0156 LAT/LON: 41.631948/ -87.166671 Agency: 1115GLSB Date Created: 05/01/82
Location: BURNS WTRWY HRBR, 1200 FT N OF END OF EAST CH FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM/SOLIDS STORET Station ID(s): BWW75-06 /BWW75-06S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 2.20 On/Off RF1:
RF3 Index: 04040001000200.00 RF3 Mile Point: 0.28 Distance from RF3: 0.15 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE BURNS WATERWAY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE BURNS WATERWAY HARBOR, 1200 FEET NORTH OF THE EAST

Parameter Inventory for Station: INDU0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	04/22/75-04/22/75	1	42000.	42000.	42000.	42000.	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/22/75-04/22/75	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/22/75-04/22/75	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/22/75-04/22/75	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/22/75-04/22/75	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/22/75-04/22/75	1	15400.	15400.	15400.	15400.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/22/75-04/22/75	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/22/75-04/22/75	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/22/75-04/22/75	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/22/75-04/22/75	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/22/75-04/22/75	1	930.	930.	930.	930.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/22/75-04/22/75	1	97.	97.	97.	97.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/22/75-04/22/75	1	14300.	14300.	14300.	14300.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/22/75-04/22/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	04/22/75-04/22/75	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0157

NPS Station ID: INDU0157
LAT/LON: 41.650004/ -87.166671
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM026
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 59
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 11.70
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 1.03
Distance from RF3: 0.51
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/62-05/27/63	4	11.5	11.25	12.	10.	0.917	0.957	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/62-05/27/63	9	280.	281.667	302.	260.	198.75	14.098	260.	272.	297.	302.
00300	OXYGEN, DISSOLVED MG/L	08/31/62-05/27/63	9	9.4	9.7	11.9	7.7	2.035	1.427	7.7	8.55	11.2	11.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/20/62-05/27/63	4	103.35	99.125	105.	84.8	92.409	9.613	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/31/62-05/27/63	4	1.85	1.8	2.6	0.9	0.86	0.927	**	**	**	**
00400	PH (STANDARD UNITS)	10/20/62-05/27/63	4	8.4	8.325	8.4	8.1	0.023	0.15	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/20/62-05/27/63	4	8.4	8.304	8.4	8.1	0.023	0.152	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/62-05/27/63	4	0.004	0.005	0.008	0.004	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/62-05/27/63	7	113.	109.714	117.	103.	40.905	6.396	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	08/31/62-10/20/62	2	139.	139.	140.	138.	2.	1.414	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/31/62-10/20/62	2	137.5	137.5	138.	137.	0.5	0.707	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/31/62-10/20/62	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/31/62-08/31/62	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/31/62-08/31/62	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/31/62-05/27/63	4	0.14	0.133	0.22	0.03	0.008	0.092	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/31/62-10/20/62	2	0.085	0.085	0.09	0.08	0.	0.007	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/31/62-05/27/63	4	0.05	0.06	0.13	0.01	0.004	0.06	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/62-10/20/62	3	33.	33.667	35.	33.	1.333	1.155	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/31/62-08/31/62	2	4.2	4.2	4.3	4.1	0.02	0.141	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/62-10/20/62	3	10.	10.333	11.	10.	0.333	0.577	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/62-08/31/62	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/62-10/20/62	3	7.	6.667	7.	6.	0.333	0.577	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/62-10/20/62	3	20.	20.333	21.	20.	0.333	0.577	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/62-10/20/62	3	1.1	1.733	3.4	0.7	2.123	1.457	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/62-08/31/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/62-08/31/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/62-08/31/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/62-08/31/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/62-08/31/62	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/62-08/31/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/20/62-05/27/63	2	0.	0.	0.	0.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/31/62-10/20/62	3	0.02	0.023	0.04	0.01	0.	0.015	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0157

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	9	0	0.00	3	0	0.00				3	0	0.00	3	0	0.00
00400	PH	Other-Hi Lim.	9.	4	0	0.00	3	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	3	0	0.00				1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00							2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00							2	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0158

NPS Station ID: INDU0158 LAT/LON: 41.632781/ -87.166671 Agency: 1115GLSB Date Created: 05/01/82
Location: BURNS WTRWY HRBR, 1800 FT S OF BREAKWTR IN E CH FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM/SOLIDS STORET Station ID(s): BWW75-07 /BWW75-07S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 1.30 On/Off RF1:
RF3 Index: 04040001000200.00 RF3 Mile Point: 0.28 Distance from RF3: 0.25 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE BURNS WATERWAY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE BURNS WATERWAY HARBOR, 1800 FEET SOUTH OF THE

Parameter Inventory for Station: INDU0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	04/22/75-04/22/75	1	21000.	21000.	21000.	21000.	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/22/75-04/22/75	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/22/75-04/22/75	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/22/75-04/22/75	1	560.	560.	560.	560.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/22/75-04/22/75	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/22/75-04/22/75	1	11200.	11200.	11200.	11200.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/22/75-04/22/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/22/75-04/22/75	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/22/75-04/22/75	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/22/75-04/22/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/22/75-04/22/75	1	184.	184.	184.	184.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/22/75-04/22/75	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/22/75-04/22/75	1	6300.	6300.	6300.	6300.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/22/75-04/22/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	04/22/75-04/22/75	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0159

NPS Station ID: INDU0159 LAT/LON: 41.636116/ -87.166671 Agency: 1115GLSB Date Created: 05/01/82
Location: BURNS WTRWY HRBR, 300 FT S OF BREAKWTR IN E CH FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM/SOLIDS STORET Station ID(s): BWW75-08 /BWW75-08S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 1.90 On/Off RF1:
RF3 Index: 04040001000200.00 RF3 Mile Point: 0.28 Distance from RF3: 0.19 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE BURNS WATERWAY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353- 3576.
SAMPLE TAKEN FROM THE BURNS WATERWAY HARBOR, 300 FEET SOUTH OF THE

Parameter Inventory for Station: INDU0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	04/22/75-04/22/75	1	18000.	18000.	18000.	18000.	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/22/75-04/22/75	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/22/75-04/22/75	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/22/75-04/22/75	1	420.	420.	420.	420.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/22/75-04/22/75	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/22/75-04/22/75	1	26500.	26500.	26500.	26500.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/22/75-04/22/75	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/22/75-04/22/75	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/22/75-04/22/75	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/22/75-04/22/75	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/22/75-04/22/75	1	440.	440.	440.	440.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/22/75-04/22/75	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/22/75-04/22/75	1	19500.	19500.	19500.	19500.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/22/75-04/22/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	04/22/75-04/22/75	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0160

NPS Station ID: INDU0160
LAT/LON: 41.633337/ -87.166671
Agency: 21INDNR
Date Created: 08/23/78
Location: LAKE MICHIGAN BURNS DITCH
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 007
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 999
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 7.40
On/Off RF1:
RF3 Index: 04040001000215.42
RF3 Mile Point: 15.67
Distance from RF3: 0.46
On/Off RF3:
Description:
SOURCE: DEPARTMENT OF NATURAL RESOURCES, INDIANA. PURPOSE: FISH COLLECTED FROM LAKE MICHIGAN AND ANALYZED FOR CONTENT OF VARIOUS PESTICIDES AND HEAVY METALS. SAMPLE TAKEN FROM LAKE MICHIGAN OFF BURNS DITCH

Parameter Inventory for Station: INDU0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39105	PERCENT FAT HEXANE EXTRACTION	09/18/70-11/18/70	4	10.2	10.4	20.	1.2	58.987	7.68	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	09/18/70-11/18/70	7	1.4	5.474	27.5	0.02	98.403	9.92	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	09/18/70-11/18/70	7 ##	0.05	7.436	43.2	0.05	258.864	16.089	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/18/70-11/18/70	7	0.1	1.547	7.4	0.03	7.403	2.721	**	**	**	**
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	09/18/70-09/18/70	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/18/70-11/18/70	5 ##	0.05	0.068	0.14	0.05	0.002	0.04	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/18/70-11/18/70	7	3.	4.	6.	2.	3.667	1.915	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	09/18/70-11/18/70	7	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0161

NPS Station ID: INDU0161
LAT/LON: 41.640281/ -87.167227
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM018
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 26
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 9.10
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 39.93
Distance from RF3: 0.60
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/63-09/09/63	10	19.5	19.8	22.	19.	1.067	1.033	19.	19.	20.25	21.9
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/23/63-09/06/63	8	2.1	2.063	3.3	1.2	0.537	0.733	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/63-09/09/63	10	269.	256.7	275.	230.	358.233	18.927	230.5	235.	271.	274.9
00300	OXYGEN, DISSOLVED MG/L	08/23/63-09/09/63	10	8.8	8.88	10.3	7.7	0.746	0.864	7.71	8.4	9.25	10.3
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/63-09/09/63	10	94.9	96.78	116.6	82.4	124.384	11.153	82.52	90.725	101.825	116.39
00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/63-09/09/63	5	1.2	1.28	1.8	0.8	0.172	0.415	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/63-09/09/63	10	8.2	8.29	8.7	8.1	0.052	0.228	8.1	8.1	8.4	8.7
00400	CONVERTED PH (STANDARD UNITS)	08/23/63-09/09/63	10	8.2	8.246	8.7	8.1	0.054	0.233	8.1	8.1	8.4	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/63-09/09/63	10	0.006	0.006	0.008	0.002	0.	0.002	0.002	0.004	0.008	0.008
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/09/63	10	103.5	103.9	110.	98.	12.989	3.604	98.1	102.	106.25	109.7
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/63-09/09/63	5	175.	174.	180.	165.	30.	5.477	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	10/22/63-12/07/63	4	1.3	1.475	2.3	1.	0.382	0.618	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-12/08/63	14	0.085	0.085	0.2	0.02	0.003	0.053	0.02	0.045	0.123	0.175
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-11/24/63	7	0.07	0.099	0.18	0.06	0.003	0.05	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/63-09/09/63	5	0.03	0.028	0.05	0.01	0.	0.015	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/09/63	10	7.	6.7	8.	5.	0.678	0.823	5.1	6.	7.	7.9
00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/63-09/09/63	10	22.	21.8	24.	19.	2.4	1.549	19.1	20.75	23.	23.9
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-12/08/63	14	0.95	1.436	5.	0.	2.527	1.59	0.	0.	2.25	4.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0161

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	10	0	0.00										10	0	0.00
00400	PH	Other-Hi Lim.	9.	10	0	0.00										10	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00										10	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	2	0	0.00							5	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00										10	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	10	0	0.00										10	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0162

NPS Station ID: INDU0162 LAT/LON: 41.633337/ -87.168060 Agency: 1115GLSB Date Created: 05/01/82
Location: BURNS WTRWY HRBR, 1500 FT S OF BRKWTR BETWEEN CH FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM/SOLIDS STORET Station ID(s): BWW75-05 /BWW75-05S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 3.20 On/Off RF1:
RF3 Index: 04040001000200.00 RF3 Mile Point: 0.28 Distance from RF3: 0.05 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE BURNS WATERWAY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE BURNS WATERWAY HARBOR, 1500 FEET SOUTH OF THE

Parameter Inventory for Station: INDU0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	04/22/75-04/22/75	1	13000.	13000.	13000.	13000.	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/22/75-04/22/75	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/22/75-04/22/75	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/22/75-04/22/75	1	520.	520.	520.	520.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/22/75-04/22/75	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/22/75-04/22/75	1	10400.	10400.	10400.	10400.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/22/75-04/22/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/22/75-04/22/75	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/22/75-04/22/75	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/22/75-04/22/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/22/75-04/22/75	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/22/75-04/22/75	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/22/75-04/22/75	1	7200.	7200.	7200.	7200.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/22/75-04/22/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	04/22/75-04/22/75	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0163

NPS Station ID: INDU0163 LAT/LON: 41.634726/ -87.168060 Agency: 1115GLSB Date Created: 05/01/82
Location: BURNS WTRWY HRBR, 300 FT S OF BRKWTR BETWEEN CHS FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM/SOLIDS STORET Station ID(s): BWW75-04 /BWW75-04S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 3.30 On/Off RF1:
RF3 Index: 04040001000200.00 RF3 Mile Point: 0.25 Distance from RF3: 0.04 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE BURNS WATERWAY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE BURNS WATERWAY HARBOR, 300 FEET SOUTH OF THE

Parameter Inventory for Station: INDU0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	04/22/75-04/22/75	1	55000.	55000.	55000.	55000.	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/22/75-04/22/75	1	1700.	1700.	1700.	1700.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/22/75-04/22/75	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/22/75-04/22/75	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/22/75-04/22/75	1	360.	360.	360.	360.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/22/75-04/22/75	1	31800.	31800.	31800.	31800.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/22/75-04/22/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/22/75-04/22/75	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1	68.	68.	68.	68.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/22/75-04/22/75	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/22/75-04/22/75	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/22/75-04/22/75	1	860.	860.	860.	860.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/22/75-04/22/75	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/22/75-04/22/75	1	21800.	21800.	21800.	21800.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/22/75-04/22/75	1	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	04/22/75-04/22/75	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0164

NPS Station ID: INDU0164
LAT/LON: 41.618338/ -87.168060
Agency: 112WRD
Date Created: 03/16/79
Location: BURNS DITCH @ HWY 12 NR OGDEN DUNES IND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413706087100501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 9.20
On/Off RF1:
RF3 Index: 04040001028600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.18
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/78-07/11/80	6	22.9	21.1	26.6	11.5	27.34	5.229	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/78-07/11/80	6	577.	597.333	760.	500.	8872.667	94.195	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/04/78-07/11/80	6	8.2	8.317	10.	7.1	1.274	1.129	**	**	**	**
00400	PH (STANDARD UNITS)	10/04/78-07/11/80	6	7.9	7.883	8.	7.7	0.014	0.117	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/04/78-07/11/80	6	7.9	7.87	8.	7.7	0.014	0.118	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/78-07/11/80	6	0.013	0.013	0.02	0.01	0.	0.004	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/24/79-08/24/79	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/17/78-07/11/80	3	160.	163.333	170.	160.	33.333	5.774	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/24/79-07/11/80	2	18.9	18.9	25.5	12.3	87.12	9.334	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/24/79-07/11/80	2	19.65	19.65	25.7	13.6	73.205	8.556	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/24/79-07/11/80	2	1.75	1.75	1.9	1.6	0.045	0.212	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	3	0.47	0.47	0.51	0.43	0.002	0.04	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	3	0.34	0.34	0.41	0.27	0.005	0.07	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/17/78-07/11/80	3	0.8	0.807	0.92	0.7	0.012	0.11	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/17/78-07/11/80	3	1.	1.	1.1	0.9	0.01	0.1	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/17/78-07/11/80	3	0.09	0.08	0.12	0.03	0.002	0.046	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/17/78-07/11/80	3	0.06	0.06	0.07	0.05	0.	0.01	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/17/78-07/11/80	3	0.03	0.027	0.04	0.01	0.	0.015	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/17/78-07/11/80	3	6.1	5.4	6.3	3.8	1.93	1.389	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/17/78-07/11/80	3	230.	230.	250.	210.	400.	20.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/17/78-07/11/80	3	75.	69.667	84.	50.	310.333	17.616	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/17/78-07/11/80	3	61.	61.333	67.	56.	30.333	5.508	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/17/78-07/11/80	3	20.	19.333	21.	17.	4.333	2.082	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/17/78-07/11/80	3	24.	23.667	29.	18.	30.333	5.508	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/17/78-07/11/80	3	0.7	0.667	0.8	0.5	0.023	0.153	**	**	**	**
00932	SODIUM, PERCENT	11/17/78-07/11/80	3	20.	20.	25.	15.	25.	5.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/24/79-08/24/79	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/17/78-07/11/80	3	3.7	3.833	4.3	3.5	0.173	0.416	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/17/78-07/11/80	3	40.	39.667	44.	35.	20.333	4.509	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/17/78-07/11/80	3	60.	58.333	72.	43.	212.333	14.572	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/17/78-07/11/80	3	0.6	0.567	0.6	0.5	0.003	0.058	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/17/78-07/11/80	3	6.1	6.4	8.5	4.6	3.87	1.967	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/17/78-08/24/79	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/17/78-08/24/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/17/78-08/24/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/17/78-08/24/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/17/78-08/24/79	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/17/78-07/11/80	3	30.	36.667	50.	30.	133.333	11.547	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/17/78-08/24/79	2	## 12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/17/78-07/11/80	3	80.	76.667	90.	60.	233.333	15.275	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/17/78-08/24/79	2	25.	25.	30.	20.	50.	7.071	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/17/78-08/24/79	2	2.	2.	4.	0.	8.	2.828	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	0.65	0.65	1.3	0.	0.845	0.919	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	0.65	0.65	1.3	0.	0.845	0.919	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	0.15	0.15	0.3	0.	0.045	0.212	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/17/78-08/24/79	2	2.2	2.2	4.4	0.	9.68	3.111	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/17/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/17/78-08/24/79	2	65.5	65.5	88.	43.	1012.5	31.82	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/17/78-07/11/80	3	300.	309.667	351.	278.	1402.333	37.448	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/17/78-07/11/80	3	0.41	0.423	0.48	0.38	0.003	0.051	**	**	**	**
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/24/79-07/11/80	2	34.4	34.4	66.3	2.5	2035.22	45.113	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/24/79-07/11/80	2	49.75	49.75	79.9	19.6	1818.045	42.639	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/24/79-07/11/80	2	8.4	8.4	8.5	8.3	0.02	0.141	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/17/78-07/11/80	3	0.43	0.437	0.53	0.35	0.008	0.09	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0164

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	6	0	0.00	2	0	0.00				3	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	6	0	0.00	2	0	0.00				3	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	6	0	0.00	2	0	0.00				3	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0165

NPS Station ID: INDU0165
LAT/LON: 41.640004/ -87.168060
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-55
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359055 /55-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 26
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 8.40
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 40.16
Distance from RF3: 0.51
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-04/09/80	6	5.	5.	5.	5.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/09/80-04/09/80	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/09/80-04/09/80	6	185.	185.	190.	180.	30.	5.477	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-04/09/80	6	300.	296.667	300.	290.	26.667	5.164	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/80-04/09/80	6	12.2	12.15	12.2	12.	0.007	0.084	**	**	**	**
00400	PH (STANDARD UNITS)	04/09/80-04/09/80	6	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/09/80-04/09/80	6	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/80-04/09/80	6	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-04/09/80	2	0.044	0.044	0.049	0.038	0.	0.008	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-04/09/80	2	0.215	0.215	0.28	0.15	0.008	0.092	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-04/09/80	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-04/09/80	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-04/09/80	2	11.	11.	11.	11.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/09/80-04/09/80	2	22.	22.	22.	22.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	04/09/80-04/09/80	2	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0165

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	6	0	0.00							6	0	0.00			
00400	PH	Other-Hi Lim.	9.	6	0	0.00							6	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00							6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0166

NPS Station ID: INDU0166 LAT/LON: 41.631948/ -87.169448 Agency: 1115GLSB Date Created: 05/01/82
Location: BURNS WTRWY HRBR, 1000 YDS N OF S OF END OF W CH FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM/SOLIDS STORET Station ID(s): BWW75-02 /BWW75-02S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 04040001001100.04 RF3 Mile Point: 0.27 Distance from RF3: 0.34 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE BURNS WATERWAY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE BURNS WATERWAY HARBOR, 1000 YARDS NORTH OF THE

Parameter Inventory for Station: INDU0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	04/22/75-04/22/75	2	37500.	37500.	41000.	34000.	24500000.	4949.747	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/22/75-04/22/75	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/22/75-04/22/75	2	55.5	55.5	63.	48.	112.5	10.607	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/22/75-04/22/75	2	930.	930.	1000.	860.	9800.	98.995	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/22/75-04/22/75	2	305.	305.	320.	290.	450.	21.213	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/22/75-04/22/75	2	30850.	30850.	33200.	28500.	11045000.	3323.402	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/22/75-04/22/75	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/22/75-04/22/75	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	2 ##	1.15	1.15	1.8	0.5	0.845	0.919	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	2	44.	44.	59.	29.	450.	21.213	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/22/75-04/22/75	2	31.	31.	34.	28.	18.	4.243	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/22/75-04/22/75	2	52.	52.	60.	44.	128.	11.314	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/22/75-04/22/75	2	660.	660.	750.	570.	16200.	127.279	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	2	37.	37.	47.	27.	200.	14.142	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/22/75-04/22/75	2	155.	155.	180.	130.	1250.	35.355	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/22/75-04/22/75	2	22000.	22000.	24200.	19800.	9680000.	3111.27	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/22/75-04/22/75	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	04/22/75-04/22/75	2	4.7	4.7	5.1	4.3	0.32	0.566	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0167

NPS Station ID: INDU0167 LAT/LON: 41.629170/ -87.169448 Agency: 1115GLSB Date Created: 05/01/82
Location: BURNS WTRWY HRBR, 800 FT N OF SOUTH END OF CH FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM/SOLIDS STORET Station ID(s): BWW75-01 /BWW75-01S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04040001002 RF1 Mile Point: 25.600 Distance from RF1: 16.70 On/Off RF1: ON
RF3 Index: 04040001055000.00 RF3 Mile Point: 5.44 Distance from RF3: 0.35 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE BURNS WATERWAY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE BURNS WATERWAY HARBOR, 800 FEET NORTH OF THE SOUTH

Parameter Inventory for Station: INDU0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	04/22/75-04/22/75	1	9700.	9700.	9700.	9700.	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/22/75-04/22/75	1	500.	500.	500.	500.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/22/75-04/22/75	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/22/75-04/22/75	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/22/75-04/22/75	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/22/75-04/22/75	1	5800.	5800.	5800.	5800.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/22/75-04/22/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/22/75-04/22/75	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/22/75-04/22/75	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/22/75-04/22/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/22/75-04/22/75	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/22/75-04/22/75	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/22/75-04/22/75	1	5200.	5200.	5200.	5200.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/22/75-04/22/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	04/22/75-04/22/75	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0168

NPS Station ID: INDU0168 LAT/LON: 41.634726/ -87.169448 Agency: 1115GLSB Date Created: 05/01/82
Location: BURNS WTRWY HRBR, 300 FT S OF BREAKWATER IN W CH FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM/SOLIDS STORET Station ID(s): BWW75-03 /BWW75-03S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 1.60 On/Off RF1:
RF3 Index: 04040001000200.00 RF3 Mile Point: 0.25 Distance from RF3: 0.20 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE BURNS WATERWAY HARBOR SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE BURNS WATERWAY HARBOR, 300 FEET SOUTH OF THE

Parameter Inventory for Station: INDU0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	04/22/75-04/22/75	1	38000.	38000.	38000.	38000.	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	04/22/75-04/22/75	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	04/22/75-04/22/75	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	04/22/75-04/22/75	1	990.	990.	990.	990.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	04/22/75-04/22/75	1	310.	310.	310.	310.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	04/22/75-04/22/75	1	24200.	24200.	24200.	24200.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/22/75-04/22/75	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	04/22/75-04/22/75	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1	42.	42.	42.	42.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/22/75-04/22/75	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/22/75-04/22/75	1	45.	45.	45.	45.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	04/22/75-04/22/75	1	510.	510.	510.	510.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/22/75-04/22/75	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/22/75-04/22/75	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	04/22/75-04/22/75	1	14100.	14100.	14100.	14100.	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/22/75-04/22/75	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	04/22/75-04/22/75	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0169

NPS Station ID: INDU0169 LAT/LON: 41.612504/ -87.173865 Agency: 21IND Date Created: / /
Location: BURNS D CRISMAN RD SR249 1.48MI FROM LK MICHIGAN FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 171415 /BD 2E
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04040001011 RF1 Mile Point: 1.010 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 04040001001100.04 RF3 Mile Point: 0.11 Distance from RF3: 0.01 On/Off RF3:
Description:
THIS MONITORING STATION IS LOCATED AT THE STATE HIGHWAY 249 BRIDGE 0.5 MILES SOUTH OF U.S. HIGHWAY 12 ON BURNS DITCH AT PORTAGE.
SAMPLES TAKEN FROM MID-STREAM AND MID-DEPTH, 1.48 MI FROM THE MOUTH OF LAKE MICHIGAN.

Parameter Inventory for Station: INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	389	14.	13.79	29.6	0.	56.049	7.487	4.	7.	20.	24.
00060	FLOW, STREAM, MEAN DAILY CFS	01/13/70-11/23/70	21	108.	228.952	1160.	17.	121571.648	348.671	20.2	38.5	179.	1036.8
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/30/69	103	15.	22.039	90.	5.	346.293	18.609	7.	10.	30.	40.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	121	20.	67.426	900.	4.	18978.878	137.764	8.	10.5	55.	180.
00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/30/69	103	5.	8.981	30.	5.	28.117	5.303	5.	5.	10.	15.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	391	530.	531.737	920.	180.	9687.825	98.427	411.2	471.	590.	660.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	387	8.7	8.982	14.5	4.6	3.801	1.95	6.8	7.4	10.4	11.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/30/69	100	89.	89.23	145.	62.	147.876	12.16	73.2	81.25	94.75	105.9
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	359	2.5	2.78	22.	0.5	2.583	1.607	1.5	1.9	3.2	4.4
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	212	16.	18.559	61.	2.5	81.592	9.033	10.	13.	21.75	29.7
00340	COD, .25N K2CR2O7 MG/L	01/23/79-06/27/79	5	20.	19.6	21.	18.	1.3	1.14	**	**	**	**
00400p	PH (STANDARD UNITS)	01/04/66-06/24/92	282	7.6	7.656	8.6	6.4	0.109	0.331	7.3	7.4	7.828	8.1
00400p	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	282	7.6	7.527	8.6	6.4	0.126	0.355	7.3	7.4	7.827	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	282	0.025	0.03	0.398	0.003	0.001	0.032	0.008	0.015	0.04	0.05
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	374	7.6	7.593	8.6	6.6	0.099	0.314	7.2	7.4	7.8	7.95
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	374	7.6	7.467	8.6	6.6	0.115	0.338	7.2	7.4	7.8	7.95
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	374	0.025	0.034	0.251	0.003	0.001	0.033	0.011	0.016	0.04	0.063
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	272	170.	169.188	278.	83.	475.585	21.808	144.	158.	181.	191.4
00500	RESIDUE, TOTAL (MG/L)	03/20/85-06/24/92	88	357.	365.864	652.	282.	4405.223	66.372	303.8	326.25	378.75	419.5
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/30/69	103	22.	26.233	103.	7.	274.945	16.581	10.	15.	33.	49.2
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	01/04/66-12/20/66	26	8.5	9.346	28.	2.	33.195	5.762	2.	5.75	11.25	17.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	296	19.	32.537	384.	2.	2467.66	49.676	7.7	12.	30.	60.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/84	146	6.	7.945	55.	1.	57.445	7.579	2.	4.	10.	14.
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	08/25/87-03/29/88	6	3.	3.25	6.	0.5	7.175	2.679	**	**	**	**
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-12/13/89	47	5.4	7.053	26.	1.	30.226	5.498	1.98	2.9	9.7	13.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	295	0.3	0.398	1.6	0.05	0.077	0.278	0.2	0.2	0.5	0.8
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	145	0.7	0.867	6.	0.1	0.4	0.632	0.4	0.6	1.	1.4
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-06/24/92	109	0.7	0.756	2.3	0.3	0.08	0.282	0.5	0.6	0.8	1.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	253	0.9	0.92	2.6	0.4	0.094	0.306	0.6	0.7	1.	1.3
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	146	0.7	0.782	2.9	0.1	0.207	0.455	0.4	0.5	0.9	1.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	253	0.08	0.182	1.98	0.015	0.073	0.271	0.05	0.06	0.14	0.5
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	60	5.75	6.317	15.	2.5	6.812	2.61	3.71	4.55	7.45	10.16
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	212	0.004	0.006	0.085	0.001	0.	0.01	0.002	0.003	0.005	0.008

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Parameter Inventory for Station: INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	272	232.	186.217	372.	18.	10751.056	103.687	27.	36.	256.	284.
00910	CALCIUM (MG/L AS CACO3)	11/20/85-06/24/92	68	145.5	144.029	178.	75.	374.268	19.346	117.8	136.	158.	166.2
00920	MAGNESIUM (MG/L AS CACO3)	11/20/85-05/24/89	25	88.	95.48	156.	44.	696.76	26.396	69.2	78.	116.	137.8
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	77	18.	18.375	50.	4.9	24.01	4.9	14.	16.	20.	23.
00937	POTASSIUM, TOTAL MG/L AS K)	02/20/74-12/08/76	35	5.	4.571	7.	3.	0.546	0.739	4.	4.	5.	5.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	285	34.	33.712	150.	12.	168.438	12.978	18.	27.5	38.	45.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	231	55.	47.784	115.	13.	467.909	21.631	17.	21.	64.	70.
00951	FLUORIDE, TOTAL (MG/L AS F)	02/20/74-12/08/76	35	0.5	0.609	1.4	0.3	0.044	0.211	0.4	0.5	0.7	0.9
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/27/87-06/24/92	64	5.	5.147	9.6	2.	2.4	1.549	4.	4.	6.	7.
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	02/20/74-11/02/77	46 ##	7.5	7.5	10.	5.	6.389	2.528	5.	5.	10.	10.
01002	ARSENIC, TOTAL (UG/L AS AS)	04/17/85-04/17/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/20/74-11/02/77	46 ##	7.5	7.5	10.	5.	6.389	2.528	5.	5.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/20/74-05/25/88	36	10.	8.194	10.	5.	5.933	2.436	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	208 ##	5.	8.909	110.	2.	98.711	9.935	5.	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	47	20.	18.872	90.	2.	219.331	14.81	10.	10.	20.	30.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	209	850.	1356.316	18000.	370.	3965381.073	1991.326	510.	610.	1200.	2100.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	134	10.	18.47	80.	5.	174.522	13.211	10.	10.	20.	35.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-08/15/91	58	105.	120.69	430.	60.	4003.025	63.269	70.	80.	140.	172.
01067	NICKEL, TOTAL (UG/L AS NI)	02/20/74-11/02/77	46	5.02	5.88	30.	0.02	46.88	6.847	0.02	0.02	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	02/20/74-11/02/77	44	35.	60.455	660.	10.	9795.137	98.97	10.	20.	80.	110.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-09/24/80	125	11000.	18803.2	260000.	700.	825359344.516	28729.068	2000.	5050.	23000.	41200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-09/24/80	125	4.041	4.004	5.415	2.845	0.244	0.494	3.301	3.703	4.362	4.615
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10095.507								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	239	300.	914.017	20000.	5.	3322478.697	1822.767	30.	120.	800.	2700.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	239	2.477	2.466	4.301	0.699	0.497	0.705	1.477	2.079	2.903	3.431
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			292.2								
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-06/24/92	50	145.	716.6	6500.	5.	2002159.633	1414.977	10.	42.5	500.	3280.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-06/24/92	50	2.161	2.164	3.813	0.699	0.716	0.846	1.	1.599	2.699	3.513
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			145.79								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/20/74-12/08/76	35	3.	3.771	9.	1.	4.564	2.136	1.	2.5	6.	6.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/10/69-02/10/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	03/28/73-12/17/75	7	0.5	0.516	0.61	0.5	0.002	0.042	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/28/73-12/17/75	7	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
47501	WEATHER AT TIME OF SAMPLING	05/20/86-06/24/92	65	31412.	31558.662	90012.	6.	435161835.696	20860.533	10509.8	12723.5	41912.	54012.6
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/22/87-09/22/87	1	6.	6.	6.	6.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	02/20/74-11/02/77	46	0.1	0.128	0.7	0.05	0.02	0.142	0.05	0.05	0.1	0.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0169

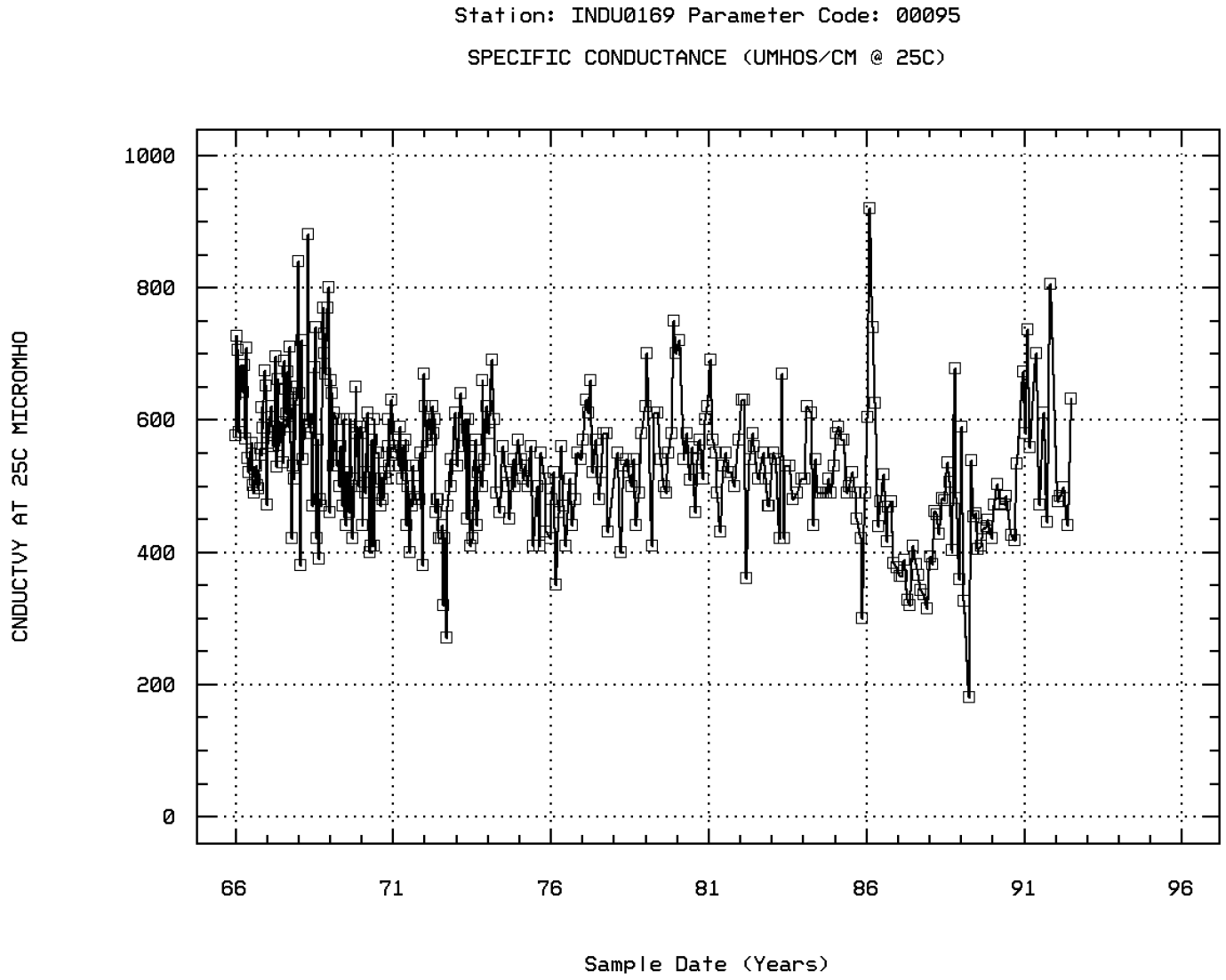
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	121	31	0.26	40	13	0.33	21	3	0.14	42	15	0.36	18	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	387	0	0.00	121	0	0.00	61	0	0.00	136	0	0.00	69	0	0.00
00400	PH	Other-Hi Lim.	9.	282	0	0.00	88	0	0.00	46	0	0.00	101	0	0.00	47	0	0.00
		Other-Lo Lim.	6.5	282	1	0.00	88	0	0.00	46	0	0.00	101	1	0.01	47	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	374	0	0.00	118	0	0.00	58	0	0.00	133	0	0.00	65	0	0.00
		Other-Lo Lim.	6.5	374	0	0.00	118	0	0.00	58	0	0.00	133	0	0.00	65	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	145	0	0.00	47	0	0.00	23	0	0.00	48	0	0.00	27	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	253	0	0.00	79	0	0.00	40	0	0.00	91	0	0.00	43	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	212	6	0.03	69	2	0.03	34	3	0.09	75	1	0.01	34	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	285	0	0.00	87	0	0.00	45	0	0.00	104	0	0.00	49	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	231	0	0.00	75	0	0.00	35	0	0.00	80	0	0.00	41	0	0.00
00997	ARSENIC, INORGANIC TOT	Fresh Acute	360.	46	0	0.00	15	0	0.00	8	0	0.00	15	0	0.00	8	0	0.00
		Drinking Water	50.	46	0	0.00	15	0	0.00	8	0	0.00	15	0	0.00	8	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	23 &	23	1.00	8	8	1.00	4	4	1.00	7	7	1.00	4	4	1.00
		Drinking Water	5.	23 &	23	1.00	8	8	1.00	4	4	1.00	7	7	1.00	4	4	1.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0169

Parameter				Total	Exceed	Prop.	9/16-1/15			1/16-3/15			3/16-7/15			7/16-9/15		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	36	0	0.00	12	0	0.00	6	0	0.00	12	0	0.00	6	0	0.00
		Drinking Water	100.	36	0	0.00	12	0	0.00	6	0	0.00	12	0	0.00	6	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	208	1	0.00	66	0	0.00	33	0	0.00	75	0	0.00	34	1	0.03
01042	COPPER, TOTAL	Fresh Acute	18.	47	26	0.55	15	9	0.60	8	5	0.63	16	8	0.50	8	4	0.50
		Drinking Water	1300.	47	0	0.00	15	0	0.00	8	0	0.00	16	0	0.00	8	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	134	0	0.00	43	0	0.00	21	0	0.00	48	0	0.00	22	0	0.00
		Drinking Water	5.	107 &	107	1.00	34	34	1.00	18	18	1.00	39	39	1.00	16	16	1.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	46	0	0.00	15	0	0.00	8	0	0.00	15	0	0.00	8	0	0.00
		Drinking Water	100.	46	0	0.00	15	0	0.00	8	0	0.00	15	0	0.00	8	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	44	3	0.07	14	0	0.00	7	1	0.14	15	2	0.13	8	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	125	123	0.98	42	41	0.98	21	21	1.00	40	39	0.98	22	22	1.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	239	153	0.64	73	45	0.62	35	25	0.71	88	58	0.66	43	25	0.58
31648	E. COLI, MTEC, MF	Fresh Acute	126.	50	30	0.60	17	12	0.71	8	5	0.63	18	10	0.56	7	3	0.43
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	400.	7	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	46	0	0.00	15	0	0.00	8	0	0.00	15	0	0.00	8	0	0.00
		Drinking Water	2.	46	0	0.00	15	0	0.00	8	0	0.00	15	0	0.00	8	0	0.00

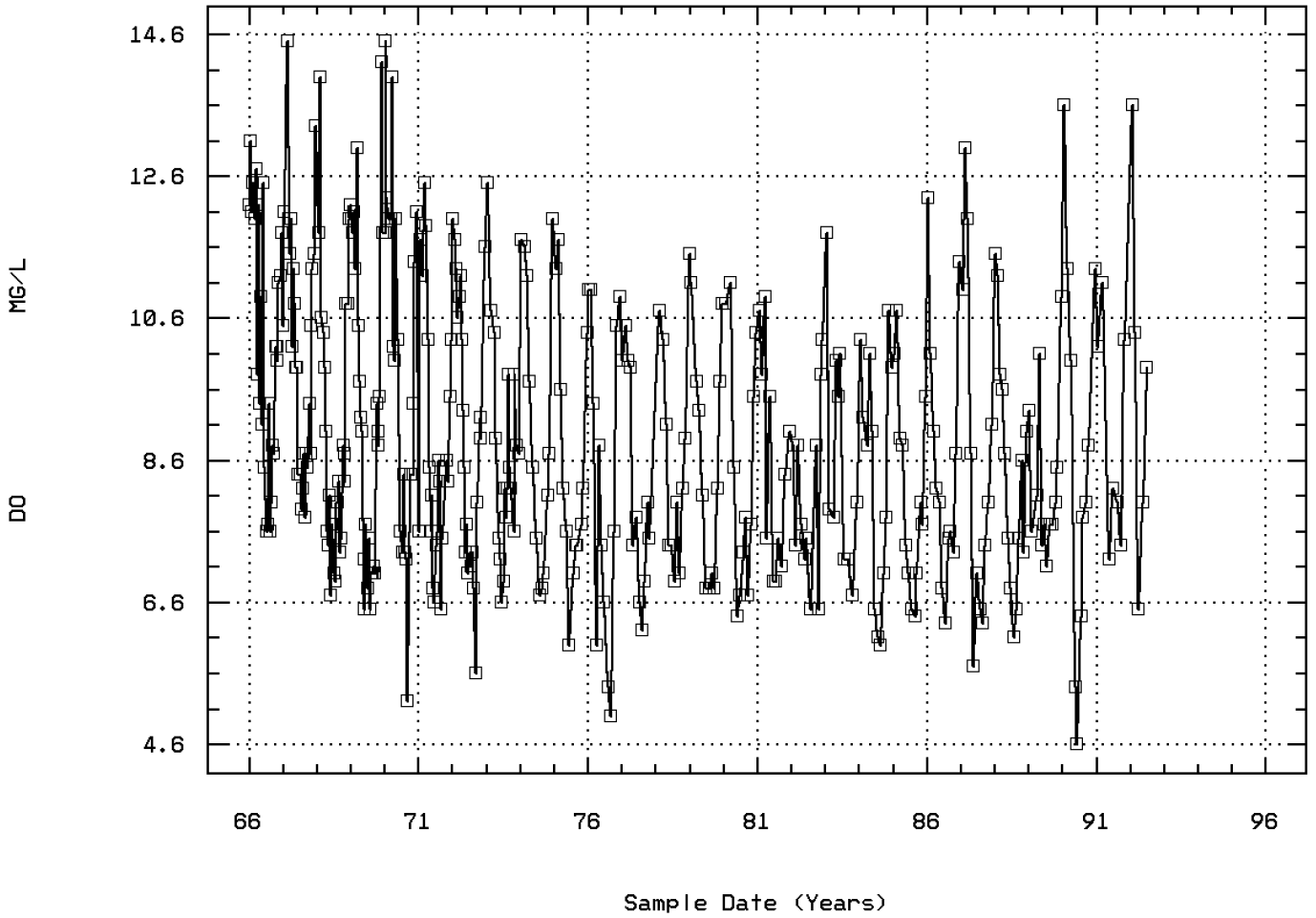
& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00300

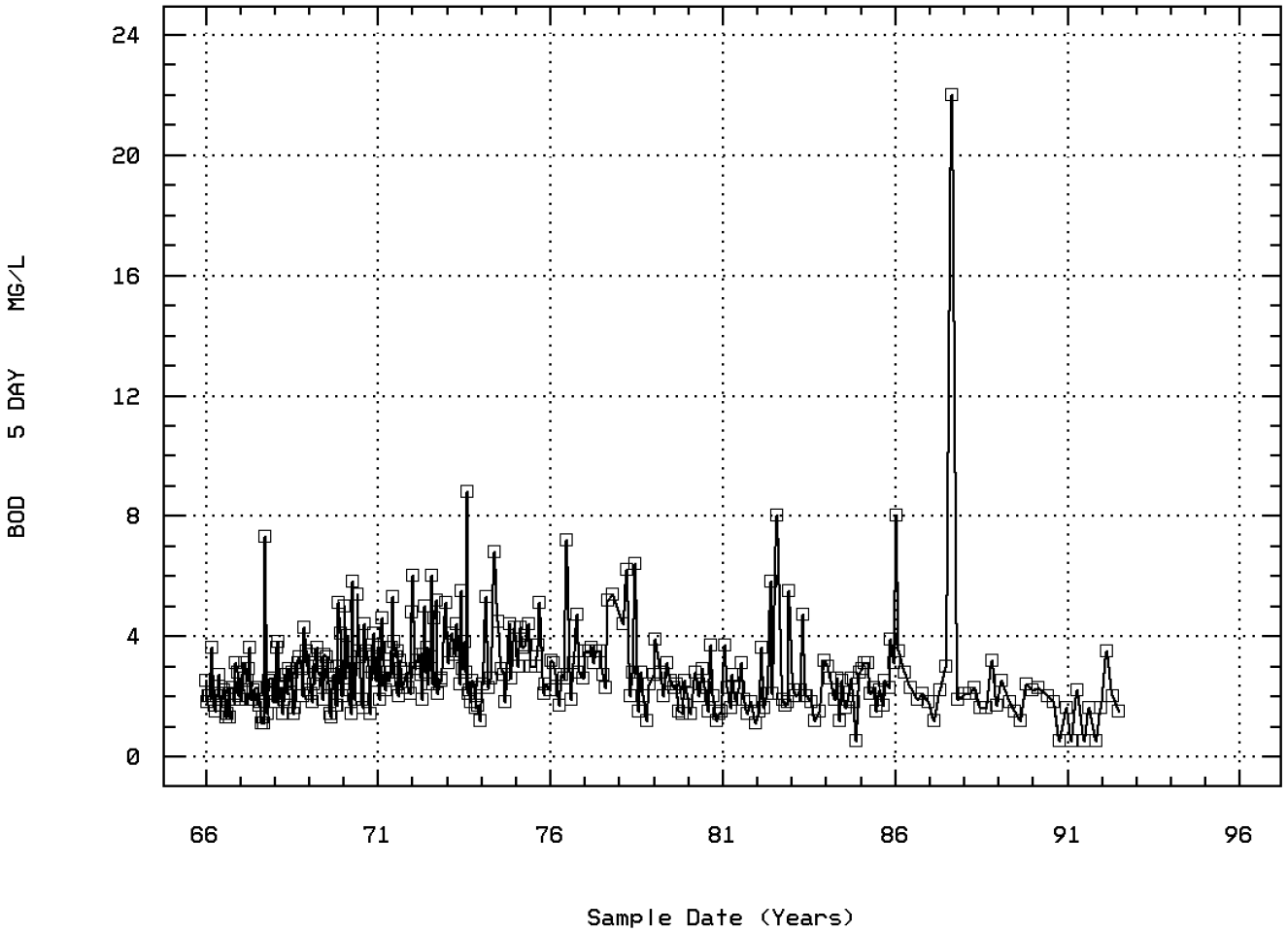
OXYGEN, DISSOLVED



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00310

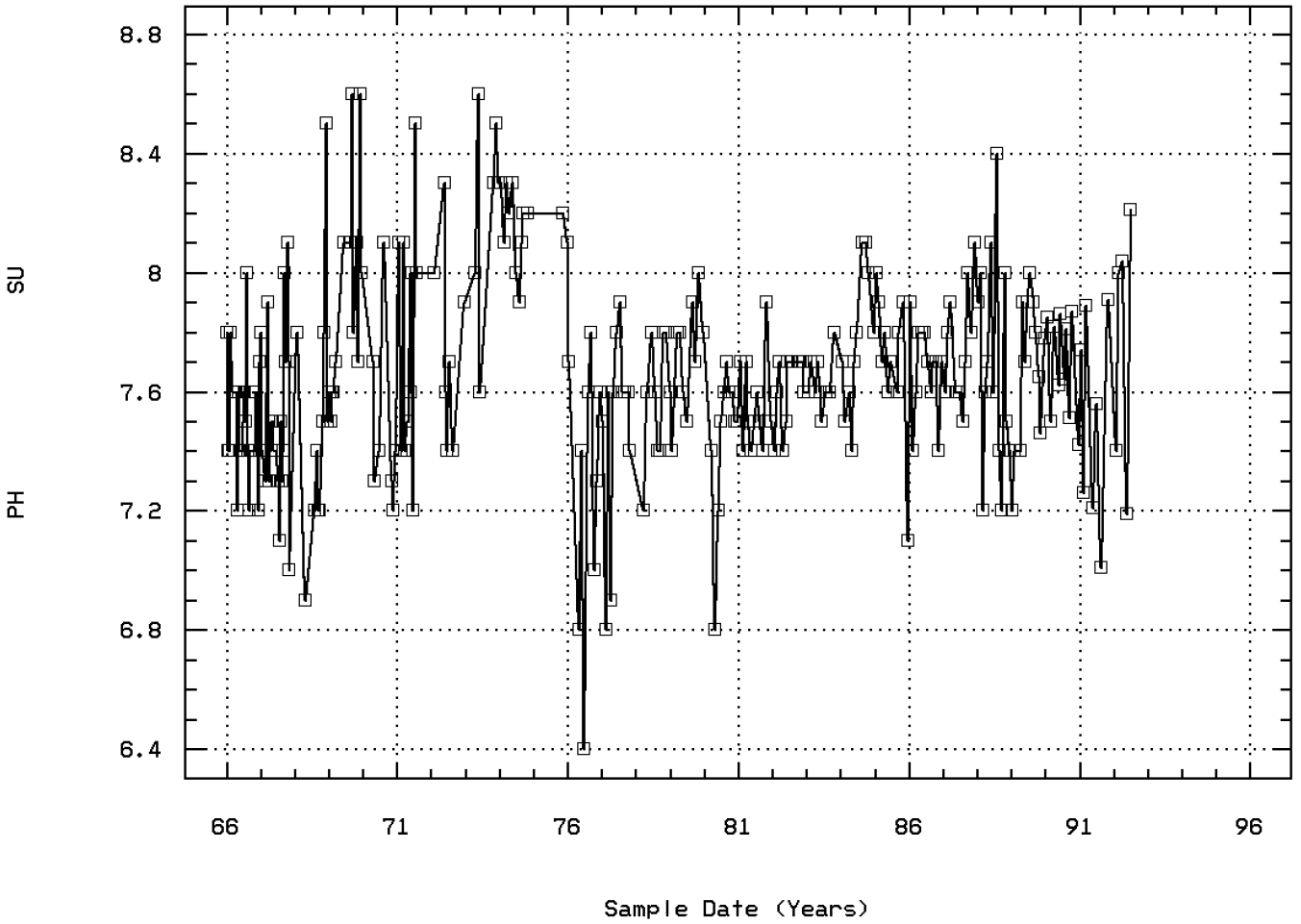
BOD, 5 DAY, 20 DEG C



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00400

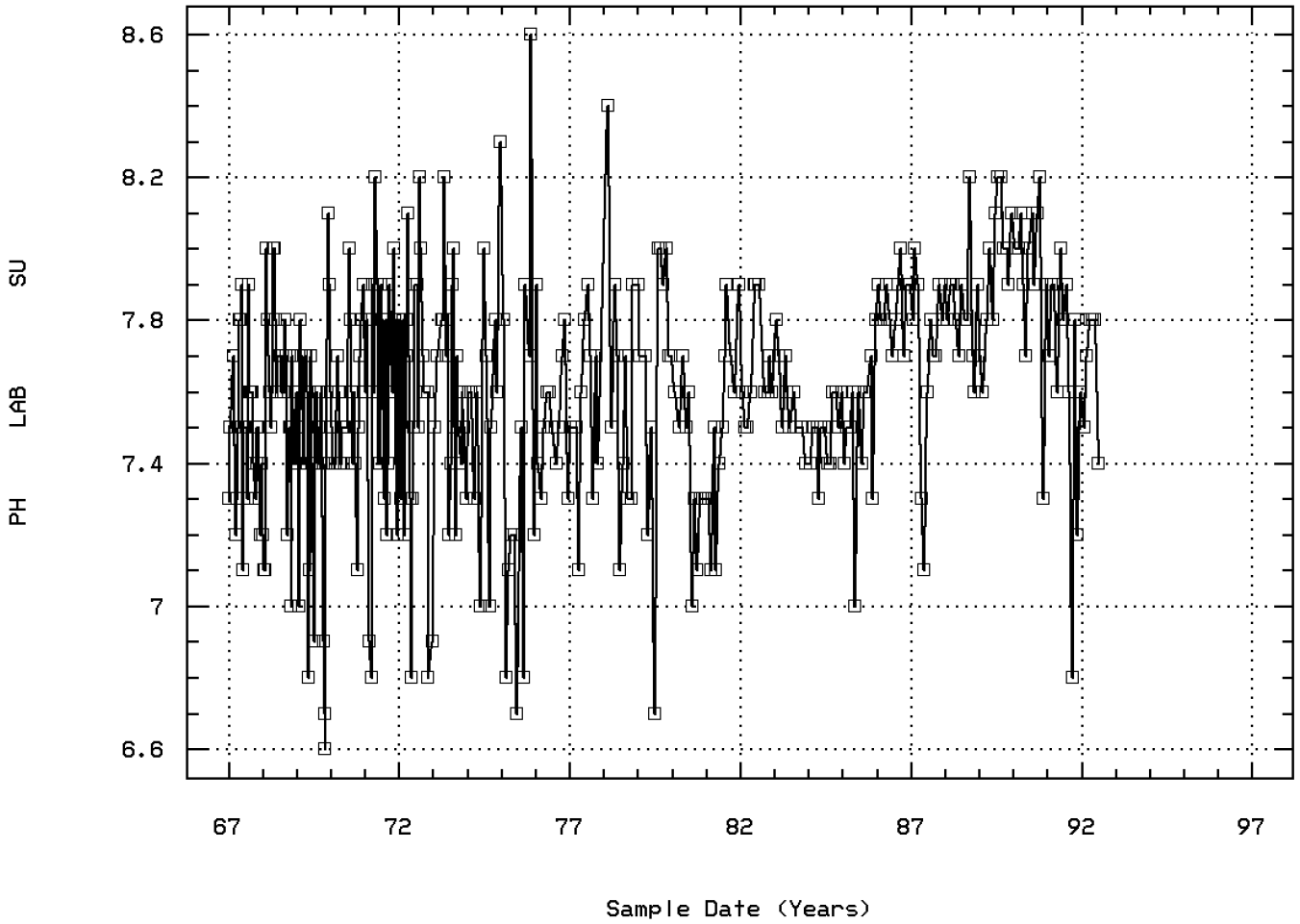
PH (STANDARD UNITS)



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00403

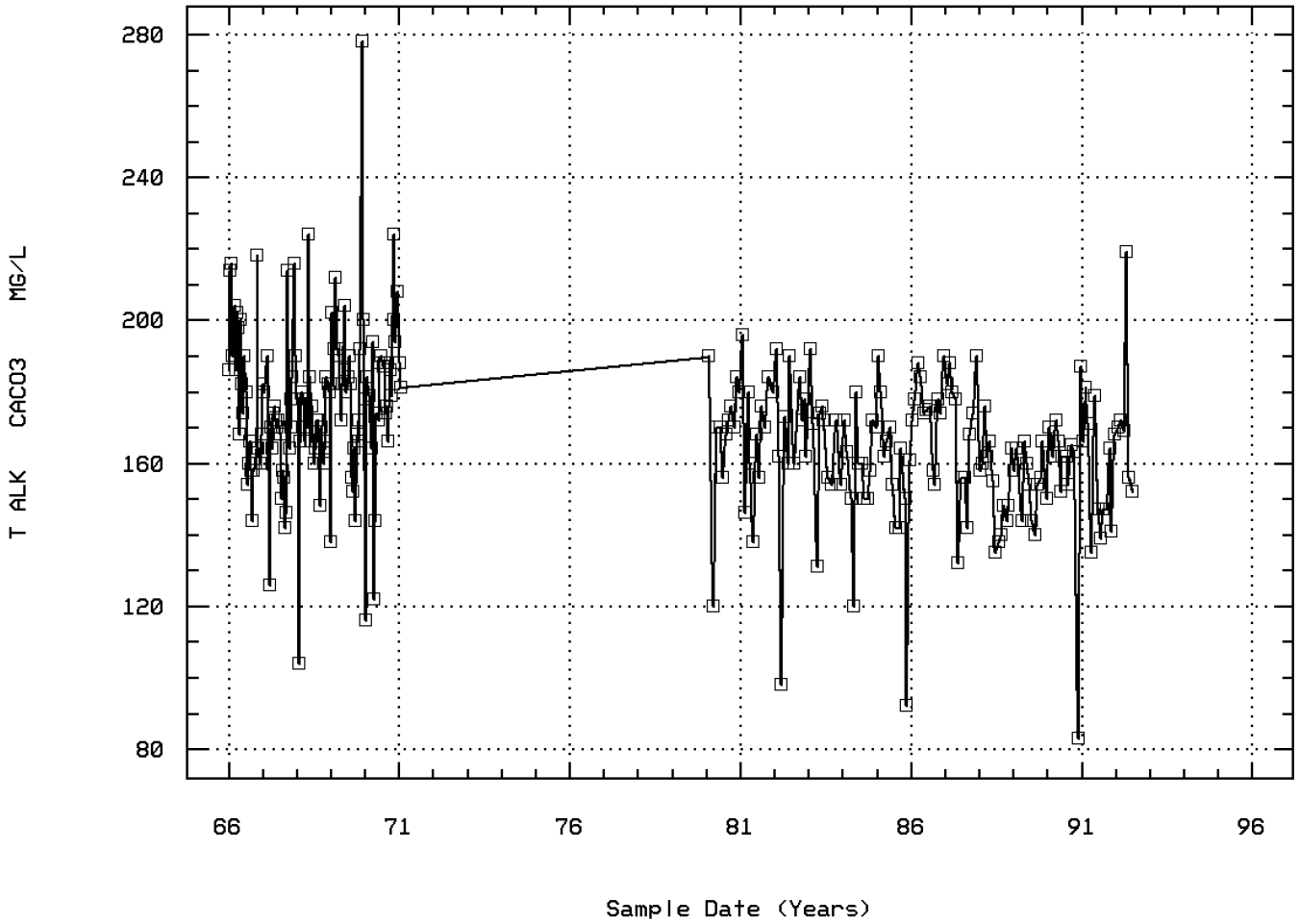
PH, LAB, STANDARD UNITS



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00410

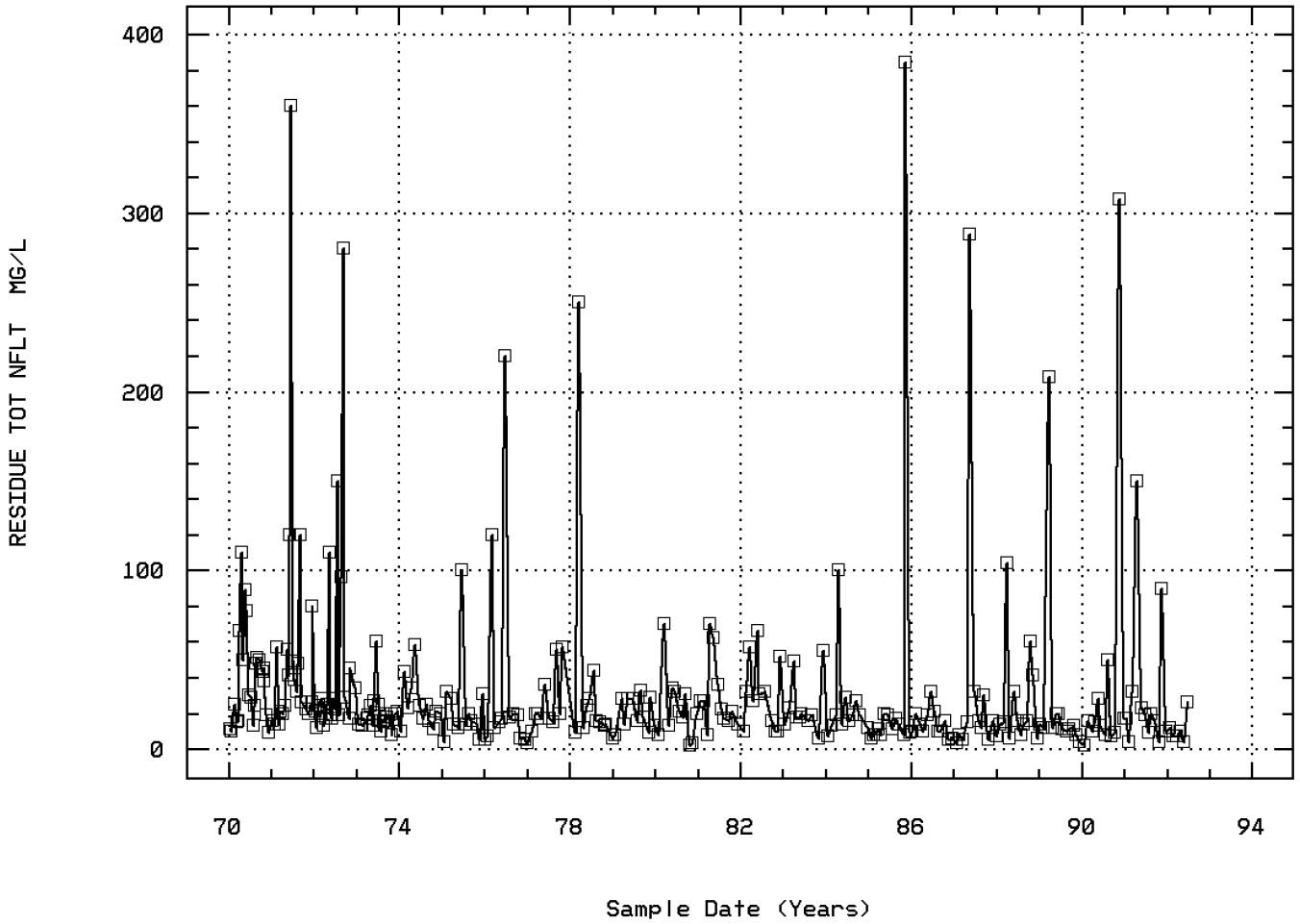
ALKALINITY, TOTAL (MG/L AS CACO3)



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00530

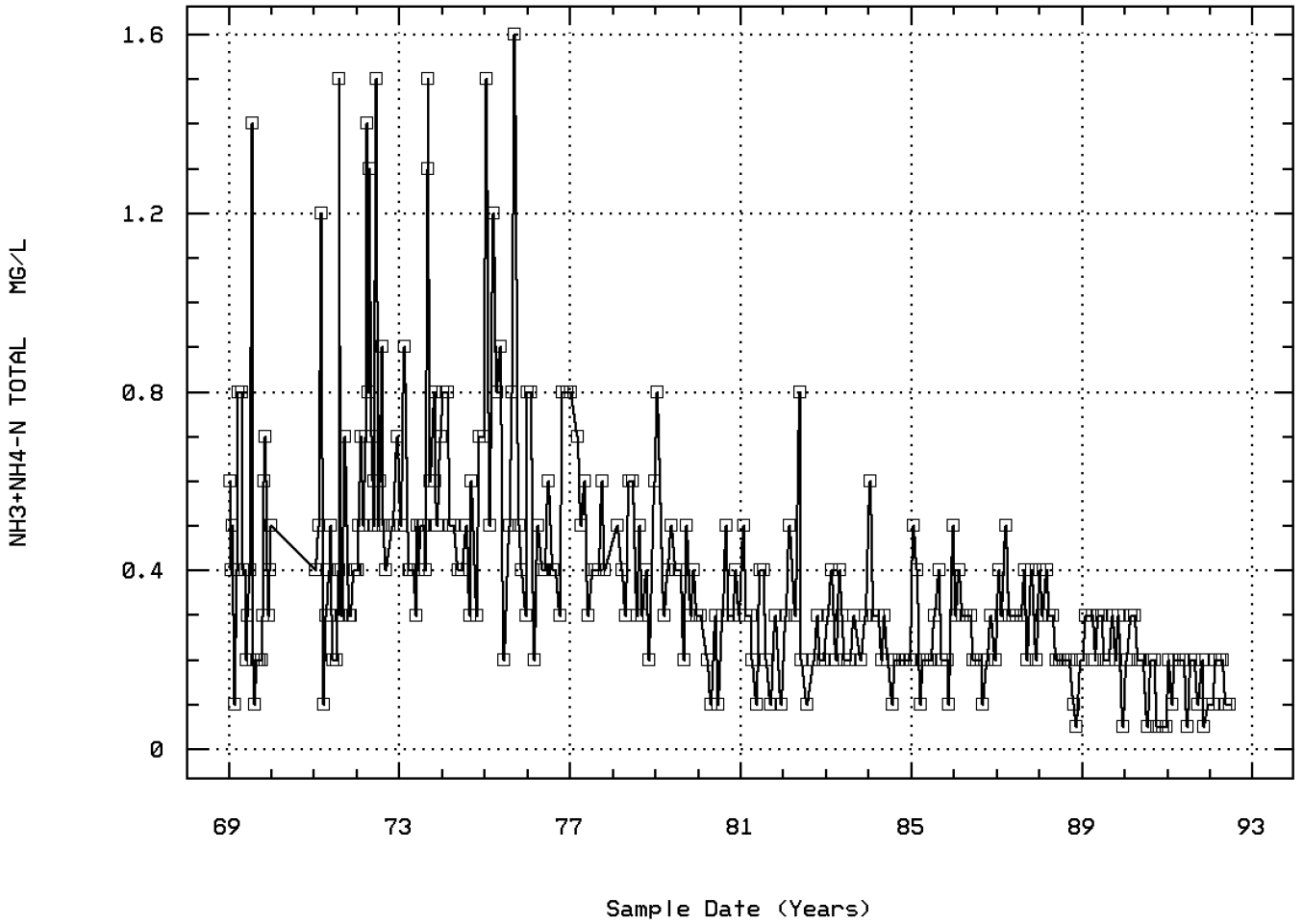
RESIDUE, TOTAL NONFILTRABLE (MG/L)



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00610

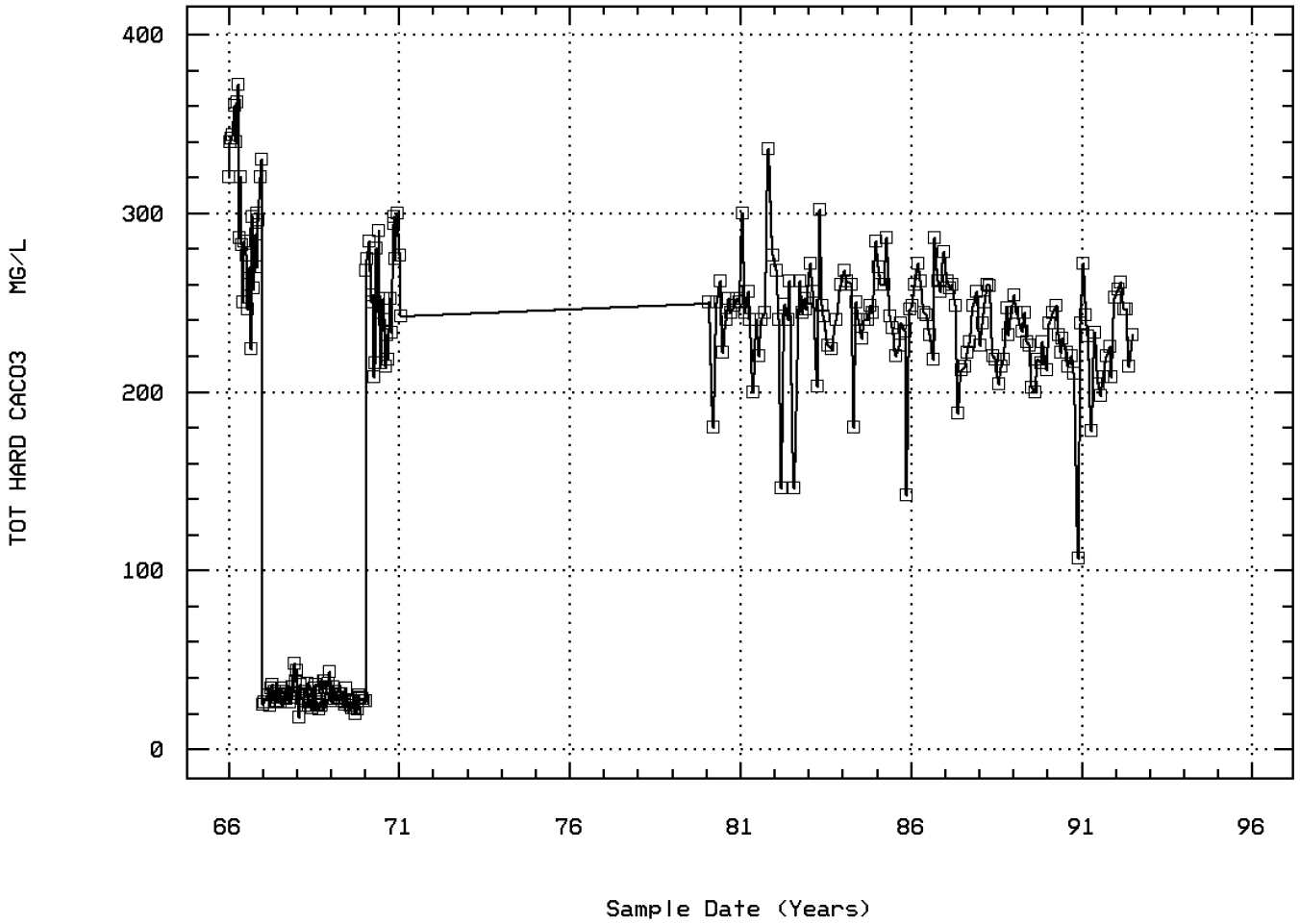
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



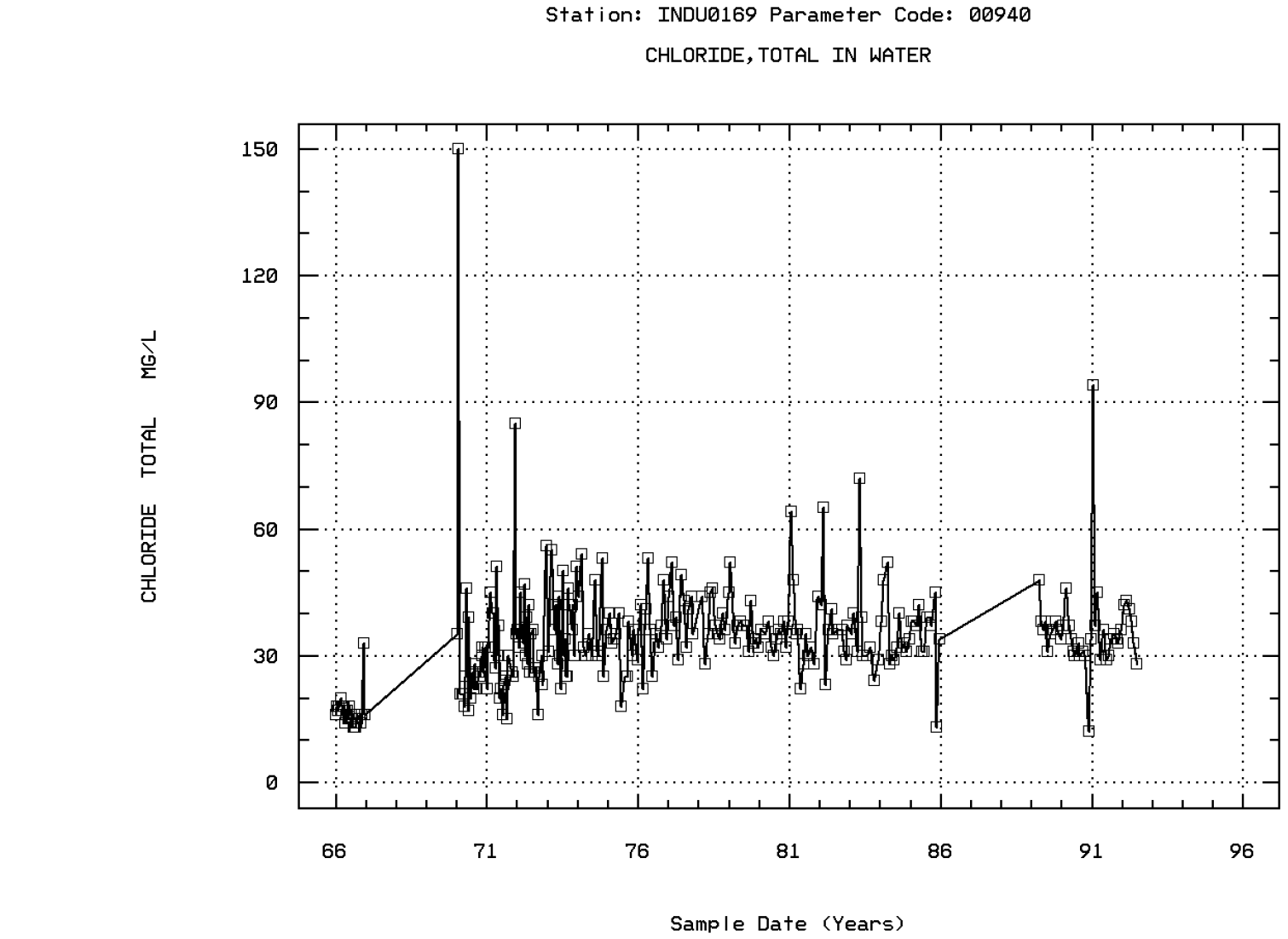
BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00900

HARDNESS, TOTAL (MG/L AS CACO3)



BURNS D CRISMAN RD SR249 1.48MI FROM LK



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Annual Analysis for 1966 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	26	10.	13.308	26.	1.	76.542	8.749	3.	5.	24.	25.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/30/69	26	15.	19.808	40.	5.	124.962	11.179	5.	10.	30.	36.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/30/69	26	10.	10.	30.	5.	42.	6.481	5.	5.	11.25	20.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	25	576.	594.04	726.	489.	5924.373	76.97	499.	525.5	678.	707.2
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	26	10.2	10.358	13.1	7.6	3.148	1.774	7.67	8.775	12.125	12.56
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/30/69	26	93.5	96.077	145.	76.	148.874	12.201	87.4	90.	98.5	107.6
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	26	2.	2.05	3.6	1.	0.327	0.571	1.3	1.7	2.3	2.89
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	26	7.45	7.508	8.	7.2	0.037	0.192	7.2	7.4	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	26	7.447	7.47	8.	7.2	0.038	0.196	7.2	7.4	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	26	0.036	0.034	0.063	0.01	0.	0.014	0.016	0.025	0.04	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	26	177.	179.385	218.	144.	444.726	21.089	156.8	160.	198.5	214.6
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/30/69	26	24.5	29.192	70.	7.	251.682	15.864	12.2	19.5	38.	57.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	26	0.6	0.85	2.6	0.1	0.248	0.498	0.4	0.5	1.125	1.33
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	26	0.55	0.577	1.	0.2	0.035	0.188	0.34	0.5	0.7	0.83
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	26	297.	301.462	372.	224.	1577.778	39.721	248.8	270.	340.	360.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	26	16.	16.577	33.	13.	14.734	3.838	13.	14.	18.	18.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-09/24/80	26	10500.	16053.846	91000.	700.	407578584.615	20188.576	1700.	4675.	21500.	38000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-09/24/80	26	4.021	3.957	4.959	2.845	0.247	0.497	3.211	3.668	4.332	4.536
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9059.208								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1967 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	24	14.	12.833	24.	0.	57.014	7.551	1.	6.25	20.75	22.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/30/69	24	15.	21.458	80.	5.	264.085	16.251	10.	10.	25.	45.
00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/30/69	24	10.	9.792	25.	5.	29.303	5.413	5.	5.	13.75	17.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	24	592.5	594.333	710.	420.	5261.014	72.533	490.5	541.25	649.	692.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	24	10.05	10.167	14.5	7.8	3.185	1.785	8.05	8.55	11.45	12.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/30/69	24	93.	94.292	113.	71.	97.607	9.88	84.	88.25	99.75	110.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	24	2.2	2.354	7.3	1.1	1.486	1.219	1.2	1.8	2.6	3.35
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	20	7.4	7.5	8.1	7.	0.082	0.287	7.12	7.3	7.7	7.99
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	20	7.4	7.42	8.1	7.	0.089	0.298	7.12	7.3	7.7	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	20	0.04	0.038	0.1	0.008	0.001	0.023	0.01	0.02	0.05	0.077
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	24	7.5	7.492	7.9	7.1	0.048	0.219	7.2	7.3	7.6	7.85
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	24	7.5	7.442	7.9	7.1	0.05	0.224	7.2	7.3	7.6	7.85
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	24	0.032	0.036	0.079	0.013	0.	0.017	0.014	0.025	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	24	171.	171.333	216.	126.	412.406	20.308	144.	159.5	181.5	202.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/30/69	24	15.	17.792	50.	10.	73.303	8.562	10.	12.	20.75	25.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/84	24	6.	7.5	32.	1.	37.478	6.122	2.5	3.25	10.	12.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	24	0.65	0.846	2.3	0.2	0.336	0.579	0.3	0.325	1.2	1.8
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	24	0.6	0.721	2.7	0.1	0.279	0.528	0.3	0.425	0.8	1.35
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	24	30.5	30.792	48.	24.	26.868	5.183	25.5	26.25	33.5	37.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	24	18.	20.875	67.	13.	147.158	12.131	14.	17.	19.	36.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-09/24/80	24	13500.	20062.5	67000.	1000.	336200706.522	18335.777	3350.	7625.	28750.	57500.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-09/24/80	24	4.128	4.119	4.826	3.	0.197	0.444	3.487	3.882	4.459	4.758
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13141.757								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	27	13.	11.519	26.	0.	54.182	7.361	2.6	5.	18.	21.2
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/30/69	27	15.	24.074	90.	5.	651.994	25.534	5.	10.	30.	90.
00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/30/69	27	5.	8.148	25.	5.	25.285	5.028	5.	5.	10.	16.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	27	600.	618.148	880.	380.	19092.593	138.176	414.	480.	730.	808.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	25	8.3	9.112	14.	6.7	3.856	1.964	6.96	7.55	10.7	12.08
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/30/69	25	82.	81.76	112.	69.	86.273	9.288	70.6	74.	87.	91.2
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	26	2.75	2.642	4.3	1.4	0.579	0.761	1.54	2.	3.15	3.66
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	10	7.45	7.5	8.5	6.9	0.202	0.45	6.93	7.2	7.8	8.43
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	10	7.447	7.344	8.5	6.9	0.229	0.479	6.93	7.2	7.8	8.43
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	10	0.036	0.045	0.126	0.003	0.001	0.036	0.004	0.016	0.063	0.12
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	27	7.6	7.57	8.	7.	0.074	0.271	7.1	7.4	7.7	8.
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	27	7.6	7.483	8.	7.	0.082	0.286	7.1	7.4	7.7	8.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	27	0.025	0.033	0.1	0.01	0.001	0.024	0.01	0.02	0.04	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	27	170.	169.407	224.	104.	390.712	19.766	146.	164.	178.	184.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/30/69	27	24.	29.444	103.	8.	371.333	19.27	13.8	18.	36.	51.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/84	27	6.	8.296	23.	1.	26.755	5.173	2.	5.	12.	15.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	27	0.7	1.052	6.	0.4	1.301	1.141	0.48	0.6	0.9	1.88
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	27	0.6	0.652	1.5	0.1	0.137	0.37	0.1	0.4	0.9	1.16
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	27	31.	30.519	44.	18.	46.105	6.79	22.8	24.	36.	39.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	27	17.	16.815	23.	13.	6.311	2.512	13.8	15.	19.	20.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-09/24/80	26	14500.	31619.231	260000.	3000.	2636041615.385	51342.396	5700.	8000.	32250.	75000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-09/24/80	26	4.161	4.232	5.415	3.477	0.199	0.446	3.754	3.903	4.508	4.874
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17061.81								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	25	13.	12.6	24.	1.	51.	7.141	2.6	5.5	19.5	22.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/30/69	26	15.	22.692	80.	5.	356.462	18.88	8.5	10.	30.	60.
00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/30/69	26	5.	8.077	20.	5.	16.154	4.019	5.	5.	10.	15.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	26	530.	543.846	660.	420.	4360.615	66.035	454.	500.	600.	643.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	26	9.1	9.362	14.2	6.5	5.217	2.284	6.71	7.075	11.8	12.37
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/30/69	25	84.	84.72	114.	62.	119.377	10.926	71.	77.5	92.	98.4
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	26	2.7	2.658	5.1	1.3	0.727	0.852	1.61	1.975	3.1	3.75
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	14	7.9	7.936	8.6	7.5	0.127	0.356	7.55	7.6	8.1	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	14	7.889	7.825	8.6	7.5	0.14	0.375	7.55	7.6	8.1	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	14	0.013	0.015	0.032	0.003	0.	0.009	0.003	0.008	0.025	0.028
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	26	7.5	7.408	8.1	6.6	0.149	0.386	6.77	7.075	7.7	7.83
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	26	7.5	7.226	8.1	6.6	0.183	0.428	6.77	7.075	7.7	7.83
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	26	0.032	0.059	0.251	0.008	0.004	0.063	0.015	0.02	0.085	0.171
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	26	182.	182.308	278.	116.	805.022	28.373	149.6	167.5	192.	206.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/30/69	26	23.	27.731	87.	8.	325.485	18.041	9.7	14.	35.75	49.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/84	20	7.	10.3	55.	1.	144.011	12.	2.1	5.	9.75	26.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	25	0.4	0.424	1.4	0.1	0.081	0.285	0.16	0.2	0.55	0.8
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	26	0.6	0.708	1.4	0.3	0.062	0.25	0.47	0.575	0.9	1.1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	26	0.75	0.854	1.8	0.2	0.188	0.434	0.3	0.6	1.05	1.59
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	26	27.5	27.462	35.	20.	12.178	3.49	22.7	25.75	29.25	32.6
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	26	23.	26.462	68.	15.	158.578	12.593	15.7	18.75	26.5	49.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-09/24/80	25	9000.	14744.	92000.	1000.	345621733.333	18590.905	1360.	5000.	18000.	33200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-09/24/80	25	3.954	3.943	4.964	3.	0.216	0.465	3.122	3.699	4.255	4.518
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8761.08								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	19	12.	13.316	26.	2.	70.339	8.387	3.	6.	22.	26.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	22	30.	41.364	160.	5.	1457.576	38.178	6.5	10.	45.	100.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	22	520.	516.818	630.	400.	4279.87	65.421	410.	477.5	562.5	607.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	20	10.1	10.	14.5	5.2	6.279	2.506	7.21	7.8	12.	13.83
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	22	3.2	3.205	5.8	1.4	1.557	1.248	1.46	2.125	4.025	5.28
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	7	7.4	7.486	8.1	7.2	0.098	0.313	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	7	7.4	7.412	8.1	7.2	0.104	0.323	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	7	0.04	0.039	0.063	0.008	0.	0.019	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	22	7.5	7.555	8.	7.1	0.041	0.202	7.4	7.4	7.7	7.87
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	22	7.5	7.511	8.	7.1	0.043	0.206	7.4	7.4	7.7	7.87
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	22	0.032	0.031	0.079	0.01	0.	0.014	0.014	0.02	0.04	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	22	181.5	180.5	224.	122.	433.595	20.823	150.	173.5	191.	205.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	22	34.	39.455	110.	9.	739.879	27.201	10.3	15.75	50.25	85.4
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	22	0.8	0.923	2.5	0.4	0.218	0.467	0.53	0.6	1.	1.5
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	22	0.9	1.045	2.3	0.5	0.222	0.471	0.63	0.8	1.15	2.06
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	22	252.	254.136	300.	208.	888.79	29.813	214.6	228.5	281.	296.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	22	25.5	32.	150.	17.	744.381	27.283	18.6	21.	32.	43.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-09/24/80	21	5700.	11719.048	46000.	700.	180937619.048	13451.305	1200.	2950.	21000.	37600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-09/24/80	21	3.756	3.795	4.663	2.845	0.266	0.515	3.06	3.47	4.31	4.571
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6233.683								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	21	100.	517.619	3500.	10.	768709.048	876.761	10.	10.	850.	1720.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	21	2.	2.035	3.544	1.	0.771	0.878	1.	1.	2.889	3.233
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			108.46								

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Annual Analysis for 1971 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	21	15.	14.19	25.	1.	56.362	7.507	3.	7.5	20.5	23.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	2	12.5	12.5	15.	10.	12.5	3.536	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	21	530.	516.667	670.	380.	4303.333	65.6	408.	480.	560.	586.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	21	8.3	8.829	12.5	6.5	3.285	1.812	6.64	7.55	10.3	11.86
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	21	2.9	3.11	5.3	1.9	0.88	0.938	2.02	2.3	3.6	4.76
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	12	7.8	7.775	8.5	7.2	0.153	0.391	7.26	7.425	8.075	8.38
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	12	7.755	7.632	8.5	7.2	0.175	0.419	7.26	7.425	8.075	8.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	12	0.018	0.023	0.063	0.003	0.	0.018	0.005	0.008	0.038	0.056
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	21	7.6	7.59	8.2	6.8	0.135	0.367	6.96	7.35	7.9	7.98
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	21	7.6	7.427	8.2	6.8	0.163	0.404	6.96	7.35	7.9	7.98
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	21	0.025	0.037	0.158	0.006	0.002	0.039	0.011	0.013	0.045	0.113
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	2	184.5	184.5	188.	181.	24.5	4.95	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	21	32.	57.381	360.	14.	5763.648	75.919	14.4	20.5	56.5	120.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/84	19	8.	10.316	38.	1.	82.673	9.092	2.	4.	14.	24.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	19	0.4	0.458	1.5	0.1	0.118	0.344	0.2	0.3	0.5	1.2
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	20	0.7	0.81	1.5	0.4	0.103	0.321	0.5	0.6	1.075	1.47
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	21	0.9	0.838	1.	0.5	0.024	0.156	0.52	0.8	1.	1.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	2	259.	259.	276.	242.	578.	24.042	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	21	27.	31.905	85.	15.	235.09	15.333	16.8	22.5	38.5	49.8
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-09/24/80	2	6050.	6050.	11000.	1100.	49005000.	7000.357	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-09/24/80	2	3.541	3.541	4.041	3.041	0.5	0.707	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3478.505								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	21	260.	476.19	1900.	20.	321524.762	567.032	22.	60.	650.	1760.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	21	2.415	2.331	3.279	1.301	0.392	0.626	1.336	1.772	2.812	3.239
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			214.392								

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Annual Analysis for 1972 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	21	11.	12.952	23.	3.	45.548	6.749	4.	6.5	19.5	22.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	21	500.	503.81	620.	270.	9924.762	99.623	340.	430.	600.	618.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	21	8.9	9.029	12.	5.6	3.839	1.959	6.84	7.3	11.05	11.68
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	21	3.2	3.538	6.	1.9	1.593	1.262	2.16	2.55	4.8	5.84
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	7	7.7	7.757	8.3	7.4	0.11	0.331	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	7	7.7	7.662	8.3	7.4	0.12	0.346	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	7	0.02	0.022	0.04	0.005	0.	0.014	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	21	7.6	7.557	8.2	6.8	0.164	0.404	6.82	7.3	7.85	8.08
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	21	7.6	7.365	8.2	6.8	0.202	0.45	6.82	7.3	7.85	8.08
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	21	0.025	0.043	0.158	0.006	0.002	0.047	0.008	0.014	0.05	0.152
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	21	24.	49.	280.	12.	4097.1	64.009	13.8	18.	39.5	142.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	19	0.6	0.721	1.5	0.4	0.11	0.331	0.4	0.5	0.8	1.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	21	1.	0.986	1.6	0.5	0.081	0.285	0.7	0.7	1.15	1.4
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	21	0.7	0.91	2.9	0.5	0.305	0.552	0.52	0.6	1.05	1.68
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	21	32.	33.	56.	16.	84.6	9.198	23.4	26.	37.5	46.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	21	320.	1648.571	20000.	60.	18720042.857	4326.666	172.	245.	1250.	4100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	21	2.505	2.707	4.301	1.778	0.307	0.554	2.232	2.389	3.097	3.584
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			508.948								

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Annual Analysis for 1973 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	18	17.5	15.944	27.	6.	41.585	6.449	6.9	8.	21.25	22.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	19	530.	532.632	660.	410.	5376.023	73.321	420.	470.	600.	640.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	18	8.35	8.683	12.5	6.6	2.232	1.494	6.87	7.575	9.8	10.88
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	19	2.8	3.163	8.8	1.2	3.03	1.741	1.6	2.1	3.8	5.5
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	6	8.3	8.217	8.6	7.6	0.134	0.366	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	6	8.3	8.072	8.6	7.6	0.159	0.398	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	6	0.005	0.008	0.025	0.003	0.	0.009	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	19	7.6	7.616	8.2	7.2	0.071	0.267	7.2	7.4	7.8	8.
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	19	7.6	7.543	8.2	7.2	0.077	0.277	7.2	7.4	7.8	8.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	19	0.025	0.029	0.063	0.006	0.	0.017	0.01	0.016	0.04	0.063
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	19	18.	19.789	60.	8.	118.842	10.901	10.	14.	21.	27.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/84	19	4.	5.053	12.	1.	11.164	3.341	1.	2.	6.	12.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	19	0.5	0.616	1.5	0.3	0.099	0.315	0.4	0.4	0.7	1.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	19	0.7	0.711	1.	0.6	0.014	0.12	0.6	0.6	0.8	0.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	19	0.12	0.163	0.84	0.06	0.029	0.17	0.08	0.1	0.14	0.26
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	19	36.	36.789	55.	22.	93.398	9.664	25.	30.	44.	51.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	18	50.5	57.389	115.	40.	336.958	18.356	40.	46.	66.25	81.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	19	320.	660.053	4600.	10.	1134076.719	1064.93	51.	180.	670.	2200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	19	2.505	2.505	3.663	1.	0.314	0.56	1.708	2.255	2.826	3.342
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			319.549								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	12	13.	12.167	20.	3.	47.242	6.873	3.	4.5	19.75	20.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	12	530.	538.333	690.	450.	4506.061	67.127	453.	492.5	577.5	663.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	12	8.6	9.125	12.	6.7	4.157	2.039	6.73	7.125	11.5	11.91
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	12	2.8	3.55	6.8	1.8	2.246	1.499	1.95	2.45	4.475	6.35
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	11	16.	20.727	48.	9.	183.418	13.543	9.	10.	24.	47.2

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Annual Analysis for 1974 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	10	8.2	8.16	8.3	7.9	0.018	0.135	7.91	8.075	8.3	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	10	8.2	8.14	8.3	7.9	0.019	0.137	7.91	8.075	8.3	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	10	0.006	0.007	0.013	0.005	0.	0.002	0.005	0.005	0.008	0.012
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	12	7.6	7.583	8.3	7.	0.138	0.371	7.	7.35	7.775	8.21
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	12	7.6	7.443	8.3	7.	0.159	0.399	7.	7.35	7.775	8.21
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	12	0.025	0.036	0.1	0.005	0.001	0.032	0.007	0.017	0.045	0.1
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	12	22.	25.167	58.	10.	191.424	13.836	10.3	16.25	31.75	53.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/84	12	3.5	5.417	14.	1.	19.538	4.42	1.3	2.25	7.	14.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	12	0.5	0.542	0.8	0.3	0.032	0.178	0.3	0.4	0.7	0.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	12	0.7	0.783	1.2	0.5	0.042	0.204	0.53	0.625	0.975	1.14
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	12	0.115	0.153	0.4	0.05	0.013	0.113	0.056	0.075	0.198	0.385
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	11	0.005	0.015	0.08	0.001	0.001	0.023	0.001	0.003	0.021	0.069
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	11	18.	18.364	26.	16.	7.655	2.767	16.	17.	19.	24.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	12	33.5	37.333	54.	25.	97.333	9.866	26.5	30.	47.	53.7
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	12	60.	63.25	98.	40.	256.932	16.029	43.	55.25	66.5	95.6
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	02/20/74-11/02/77	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/20/74-11/02/77	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	11	20.	27.273	90.	20.	441.818	21.019	20.	20.	20.	78.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	11	700.	854.545	1500.	500.	104727.273	323.616	520.	600.	1100.	1460.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	11	30.	40.	80.	20.	280.	16.733	22.	30.	50.	74.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-08/15/91	11	110.	106.364	170.	60.	1025.455	32.023	60.	90.	130.	162.
01067	NICKEL, TOTAL (UG/L AS NI)	02/20/74-11/02/77	11	0.02	0.022	0.04	0.02	0.	0.006	0.02	0.02	0.02	0.036
01092	ZINC, TOTAL (UG/L AS ZN)	02/20/74-11/02/77	11	100.	131.818	660.	20.	31896.364	178.596	22.	40.	110.	552.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	340.	1350.	7400.	100.	5277760.	2297.338	112.	190.	1100.	6720.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	2.531	2.71	3.869	2.	0.337	0.58	2.041	2.279	3.041	3.816
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			513.311								
71900	MERCURY, TOTAL (UG/L AS HG)	02/20/74-11/02/77	11	0.1	0.209	0.7	0.1	0.041	0.202	0.1	0.1	0.4	0.64

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Annual Analysis for 1975 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	12	15.5	13.667	22.	1.	60.242	7.762	1.9	5.75	21.5	22.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	12	505.	489.167	560.	410.	3171.97	56.32	410.	422.5	537.5	557.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	12	7.95	8.542	11.7	6.	3.221	1.795	6.3	7.4	10.2	11.58
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	12	3.3	3.375	5.1	2.1	0.866	0.93	2.13	2.55	4.15	4.89
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	12	18.5	19.	30.	11.	32.364	5.689	11.3	13.5	23.5	28.2
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	2	8.15	8.15	8.2	8.1	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	2	8.147	8.147	8.2	8.1	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	2	0.007	0.007	0.008	0.006	0.	0.001	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	12	7.2	7.375	8.6	6.7	0.306	0.553	6.73	6.875	7.775	8.39
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	12	7.2	7.141	8.6	6.7	0.366	0.605	6.73	6.875	7.775	8.39
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	12	0.063	0.072	0.2	0.003	0.004	0.066	0.006	0.017	0.139	0.187
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	12	15.	24.167	100.	4.	653.606	25.566	4.3	12.5	30.25	79.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/84	12	6.	7.833	20.	1.	41.97	6.478	1.	1.75	11.75	19.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	12	0.65	0.767	1.6	0.2	0.212	0.46	0.23	0.425	1.125	1.57
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	12	0.8	0.867	1.6	0.4	0.126	0.355	0.43	0.6	1.15	1.51
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	12	0.08	0.109	0.23	0.04	0.005	0.07	0.043	0.053	0.188	0.227
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	12	0.005	0.012	0.08	0.001	0.	0.022	0.001	0.001	0.01	0.06
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	12	18.	17.5	21.	11.	9.182	3.03	11.9	16.	20.	21.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	12	33.5	31.917	40.	18.	45.538	6.748	20.1	26.	37.5	40.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	12	66.	65.	84.	49.	102.182	10.109	49.9	55.5	72.75	81.
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	02/20/74-11/02/77	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/20/74-11/02/77	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	12	10.	22.5	110.	10.	856.818	29.271	10.	10.	25.	89.

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Annual Analysis for 1975 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	12	20.	26.667	60.	20.	187.879	13.707	20.	20.	27.5	57.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	12	700.	875.	2400.	400.	276590.909	525.919	460.	600.	975.	2040.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	12	20.	29.167	80.	20.	299.242	17.299	20.	20.	30.	68.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-08/15/91	12	135.	125.833	160.	70.	808.333	28.431	76.	102.5	147.5	160.
01067	NICKEL, TOTAL (UG/L AS NI)	02/20/74-11/02/77	12	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
01092	ZINC, TOTAL (UG/L AS ZN)	02/20/74-11/02/77	12	35.	47.5	120.	20.	984.091	31.37	20.	22.5	75.	108.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	12	230.	639.	3000.	18.	917833.818	958.036	18.6	52.5	717.5	2760.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	12	2.355	2.326	3.477	1.255	0.561	0.749	1.269	1.52	2.845	3.437
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			211.779								
71900	MERCURY, TOTAL (UG/L AS HG)	02/20/74-11/02/77	12	0.1	0.183	0.6	0.1	0.025	0.159	0.1	0.1	0.2	0.54

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Annual Analysis for 1976 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	12	15.5	14.75	26.	5.	48.568	6.969	5.6	8.	20.	25.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	12	480.	480.833	560.	350.	3753.788	61.268	368.	445.	535.	557.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	12	8.2	8.3	11.	5.	5.129	2.265	5.12	6.15	10.8	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	12	2.75	3.192	7.2	1.7	2.144	1.464	1.76	2.6	3.175	6.45
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	12	14.	16.667	38.	4.	80.606	8.978	6.1	12.	20.75	35.
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	9	7.4	7.289	7.8	6.4	0.219	0.468	6.4	6.9	7.65	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	9	7.4	7.034	7.8	6.4	0.292	0.54	6.4	6.9	7.65	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	9	0.04	0.093	0.398	0.016	0.015	0.124	0.016	0.023	0.129	0.398
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	12	7.5	7.542	7.9	7.3	0.035	0.188	7.3	7.4	7.675	7.87
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	12	7.5	7.507	7.9	7.3	0.037	0.192	7.3	7.4	7.675	7.87
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	12	0.032	0.031	0.05	0.013	0.	0.012	0.014	0.021	0.04	0.05
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	12	16.	38.667	220.	5.	4248.788	65.183	5.	6.25	19.75	190.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/84	12	4.5	7.333	40.	1.	108.606	10.421	1.3	4.	6.	30.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	12	0.45	0.533	0.8	0.2	0.048	0.219	0.23	0.4	0.8	0.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	12	0.75	0.792	1.2	0.6	0.034	0.183	0.6	0.625	0.9	1.14
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	12	0.15	0.28	0.96	0.05	0.087	0.295	0.056	0.08	0.34	0.906
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	12	0.003	0.003	0.012	0.001	0.	0.003	0.001	0.002	0.004	0.01
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	12	21.	20.5	24.	14.	8.636	2.939	14.6	20.	22.75	23.7
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	12	36.	36.75	53.	22.	75.114	8.667	22.9	32.5	41.75	51.5
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	12	67.	64.667	75.	53.	57.152	7.56	53.6	58.	70.	74.7
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	02/20/74-11/02/77	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/20/74-11/02/77	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	12 ##	5.	17.083	70.	5.	397.538	19.938	5.	5.	20.	61.
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	12 ##	10.	12.917	30.	5.	47.538	6.895	6.5	10.	17.5	27.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	12	650.	1141.667	4000.	400.	1331742.424	1154.011	430.	600.	1025.	3730.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	12	30.	28.333	50.	10.	160.606	12.673	10.	20.	40.	47.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-08/15/91	12	90.	110.	190.	70.	1872.727	43.275	73.	80.	142.5	190.
01067	NICKEL, TOTAL (UG/L AS NI)	02/20/74-11/02/77	12 ##	10.	13.333	30.	10.	42.424	6.513	10.	10.	17.5	27.
01092	ZINC, TOTAL (UG/L AS ZN)	02/20/74-11/02/77	12	40.	44.167	100.	10.	826.515	28.749	10.	20.	67.5	94.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	12	505.	1810.	9000.	120.	6598890.909	2568.831	120.	147.5	2600.	7290.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	12	2.668	2.831	3.954	2.079	0.452	0.672	2.079	2.167	3.415	3.824
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			677.289								
71900	MERCURY, TOTAL (UG/L AS HG)	02/20/74-11/02/77	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085

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Annual Analysis for 1977 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	11	19.	16.636	27.	6.	55.455	7.447	6.2	9.	23.	26.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	11	570.	559.091	660.	430.	4489.091	67.001	440.	520.	610.	654.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	11	7.8	8.255	10.5	6.2	2.421	1.556	6.28	6.9	10.	10.4
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	10	3.5	3.63	5.4	2.3	0.953	0.976	2.34	3.	4.	5.38
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	11	17.	16.636	24.	8.	24.455	4.945	8.6	13.	20.	23.8
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	11	7.6	7.482	7.9	6.8	0.116	0.34	6.82	7.4	7.6	7.88
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	11	7.6	7.334	7.9	6.8	0.14	0.374	6.82	7.4	7.6	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	11	0.025	0.046	0.158	0.013	0.002	0.048	0.013	0.025	0.04	0.152
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	11	7.5	7.545	7.9	7.1	0.053	0.23	7.14	7.4	7.7	7.88
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	11	7.5	7.488	7.9	7.1	0.056	0.237	7.14	7.4	7.7	7.88
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	11	0.032	0.033	0.079	0.013	0.	0.019	0.013	0.02	0.04	0.074
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	11	20.	24.636	57.	3.	311.655	17.654	4.4	15.	36.	56.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	11	0.5	0.555	1.	0.3	0.045	0.211	0.32	0.4	0.7	0.96
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-06/24/92	3	0.5	0.467	0.5	0.4	0.003	0.058	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	11	0.8	0.755	1.1	0.5	0.035	0.186	0.52	0.6	0.9	1.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	11	0.09	0.109	0.21	0.05	0.002	0.049	0.05	0.08	0.14	0.202
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	11	0.007	0.017	0.085	0.001	0.001	0.025	0.001	0.001	0.021	0.074
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	11	41.	40.455	52.	29.	48.473	6.962	29.6	35.	44.	51.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	11	58.	58.909	73.	30.	125.291	11.193	35.2	56.	65.	72.4
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	02/20/74-11/02/77	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/20/74-11/02/77	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	11 ##	5.	6.818	20.	5.	21.364	4.622	5.	5.	5.	18.
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	11 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	11	900.	1063.636	2300.	500.	330545.455	574.931	520.	600.	1400.	2220.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	11 ##	10.	18.182	50.	10.	176.364	13.28	10.	10.	30.	46.
01067	NICKEL, TOTAL (UG/L AS NI)	02/20/74-11/02/77	11 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	02/20/74-11/02/77	9 ##	10.	12.222	20.	10.	19.444	4.41	10.	10.	15.	20.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	10	170.	954.	6400.	10.	4051137.778	2012.744	13.	40.	720.	5970.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	10	2.23	2.268	3.806	1.	0.668	0.817	1.06	1.602	2.642	3.758
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			185.524								
71900	MERCURY, TOTAL (UG/L AS HG)	02/20/74-11/02/77	11 ##	0.05	0.068	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1

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Annual Analysis for 1978 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	11	18.	15.818	25.	3.	58.164	7.627	3.4	8.	23.	24.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	11	530.	519.091	620.	400.	3749.091	61.23	408.	490.	550.	612.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	11	8.2	8.673	11.5	6.9	2.484	1.576	6.92	7.4	10.3	11.34
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	11	2.7	3.127	6.4	1.2	3.16	1.778	1.26	2.	4.4	6.36
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	11	18.	19.727	42.	8.	82.218	9.067	9.2	15.	23.	39.4
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	9	7.6	7.578	7.8	7.2	0.044	0.211	7.2	7.4	7.8	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	9	7.6	7.53	7.8	7.2	0.047	0.217	7.2	7.4	7.8	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	9	0.025	0.03	0.063	0.016	0.	0.016	0.016	0.016	0.04	0.063
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	11	7.7	7.645	8.4	7.1	0.139	0.372	7.14	7.3	7.9	8.3
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	11	7.7	7.519	8.4	7.1	0.156	0.395	7.14	7.3	7.9	8.3
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	11	0.02	0.03	0.079	0.004	0.001	0.023	0.006	0.013	0.05	0.074
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	11	15.	39.182	250.	6.	5001.564	70.722	6.6	12.	28.	208.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	11	0.4	0.427	0.6	0.2	0.02	0.142	0.22	0.3	0.6	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	11	0.7	0.9	1.7	0.6	0.106	0.326	0.62	0.7	1.1	1.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	11	0.08	0.113	0.34	0.07	0.006	0.079	0.07	0.07	0.13	0.298
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	11 ##	0.001	0.003	0.019	0.001	0.	0.006	0.001	0.001	0.004	0.016
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	11	37.	38.636	46.	28.	33.655	5.801	29.2	35.	45.	45.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	11	52.	54.182	64.	45.	46.564	6.824	45.	50.	62.	63.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	11 ##	5.	6.364	20.	5.	20.455	4.523	5.	5.	5.	17.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	11	600.	1181.818	5600.	500.	2211636.364	1487.157	500.	600.	1100.	4740.

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Annual Analysis for 1978 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	11 ##	10.	13.636	40.	10.	85.455	9.244	10.	10.	10.	36.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	240.	370.	1100.	40.	127200.	356.651	44.	130.	410.	1080.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	2.38	2.383	3.041	1.602	0.197	0.444	1.637	2.114	2.613	3.033
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			241.384								

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Annual Analysis for 1979 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	11	13.	15.364	25.	7.	51.055	7.145	7.	9.	23.	24.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	11	580.	585.455	750.	410.	10507.273	102.505	426.	500.	700.	740.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	11	8.2	8.573	11.1	6.8	2.668	1.633	6.8	6.8	9.7	11.04
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	11	2.4	2.409	3.9	1.4	0.499	0.706	1.42	2.	2.8	3.74
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	11	19.	18.455	33.	10.	39.873	6.314	10.2	13.	21.	30.8
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	9	7.8	7.722	8.	7.4	0.037	0.192	7.4	7.55	7.85	8.
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	9	7.8	7.683	8.	7.4	0.039	0.197	7.4	7.55	7.85	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	9	0.016	0.021	0.04	0.01	0.	0.01	0.01	0.014	0.028	0.04
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	11	7.7	7.645	8.	6.7	0.157	0.396	6.8	7.5	8.	8.
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	11	7.7	7.422	8.	6.7	0.212	0.46	6.8	7.5	8.	8.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	11	0.02	0.038	0.2	0.01	0.003	0.056	0.01	0.01	0.032	0.172
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	11	18.	20.364	33.	8.	81.055	9.003	8.2	13.	28.	32.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	11	0.4	0.409	0.8	0.2	0.025	0.158	0.22	0.3	0.5	0.74
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	11	0.9	1.045	1.8	0.7	0.137	0.37	0.7	0.8	1.1	1.78
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	11	0.1	0.102	0.15	0.06	0.001	0.023	0.064	0.09	0.11	0.144
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	11	0.005	0.005	0.01	0.001	0.	0.002	0.002	0.005	0.005	0.009
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	11	37.	37.	52.	31.	36.4	6.033	31.2	33.	38.	50.2
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	11	66.	65.818	75.	56.	50.364	7.097	56.	59.	72.	74.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	11	10.	10.909	20.	10.	9.091	3.015	10.	10.	10.	18.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	11	700.	772.727	1100.	500.	48181.818	219.504	500.	500.	1000.	1080.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	11	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	760.	1351.818	4200.	10.	2325476.364	1524.951	26.	120.	2400.	4120.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	2.881	2.701	3.623	1.	0.649	0.805	1.191	2.079	3.38	3.615
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			502.466								

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Annual Analysis for 1980 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	11	15.	15.273	24.	4.	56.818	7.538	4.4	7.	22.	23.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	4	110.	155.	340.	60.	15833.333	125.831	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	11	558.	564.273	720.	460.	4700.418	68.56	469.8	510.	600.	700.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	11	7.8	8.445	11.1	6.4	3.009	1.735	6.46	6.7	10.4	11.04
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	11	2.	2.064	3.7	1.2	0.625	0.79	1.24	1.4	2.8	3.54
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	11	14.	16.091	30.	10.	34.691	5.89	10.2	12.	20.	28.2
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	10	7.5	7.44	7.7	6.8	0.069	0.263	6.84	7.35	7.6	7.69
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	10	7.5	7.345	7.7	6.8	0.079	0.282	6.84	7.35	7.6	7.69
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	10	0.032	0.045	0.158	0.02	0.002	0.042	0.02	0.025	0.046	0.149
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	11	7.3	7.382	7.7	7.	0.048	0.218	7.02	7.3	7.6	7.68
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	11	7.3	7.331	7.7	7.	0.05	0.225	7.02	7.3	7.6	7.68
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	11	0.05	0.047	0.1	0.02	0.001	0.025	0.021	0.025	0.05	0.096
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	11	170.	168.727	190.	120.	341.818	18.488	127.2	168.	180.	188.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	11	20.	22.909	70.	2.	367.891	19.18	2.2	8.	32.	62.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	11	0.3	0.282	0.5	0.1	0.014	0.117	0.1	0.2	0.3	0.48

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Annual Analysis for 1980 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-06/24/92	11	0.7	0.736	1.3	0.5	0.047	0.216	0.5	0.6	0.8	1.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	11	0.9	1.045	2.6	0.7	0.287	0.535	0.7	0.8	1.	2.32
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	11	0.08	0.081	0.16	0.03	0.001	0.034	0.034	0.06	0.1	0.148
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	10	4.85	5.72	10.8	3.8	4.588	2.142	3.82	4.075	6.975	10.44
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	11	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	11	250.	240.909	262.	180.	506.691	22.51	188.4	240.	252.	260.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	11	35.	34.909	38.	30.	7.291	2.7	30.4	32.	38.	38.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	11	63.	64.091	80.	52.	67.091	8.191	52.4	60.	68.	78.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	11	800.	840.	1800.	370.	196100.	442.832	384.	500.	1190.	1700.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	11	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-09/24/80	1	2600.	2600.	2600.	2600.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-09/24/80	1	3.415	3.415	3.415	3.415	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2600.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	10	170.	294.	820.	80.	73515.556	271.138	82.	130.	465.	813.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	10	2.227	2.331	2.914	1.903	0.12	0.347	1.913	2.11	2.645	2.91
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			214.205								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	11	13.	14.727	26.	5.	59.618	7.721	5.2	7.	23.	25.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	11	280.	364.273	900.	13.	90792.418	301.318	23.2	90.	600.	880.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	11	530.	538.182	690.	430.	4156.364	64.47	442.	500.	570.	666.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	11	8.4	8.564	10.9	6.9	2.259	1.503	6.9	7.1	9.8	10.86
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	11	1.9	2.164	3.7	1.1	0.587	0.766	1.16	1.6	2.7	3.58
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	11	22.	24.	44.	12.	92.2	9.602	12.4	16.	30.	42.4
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	11	7.5	7.555	7.9	7.4	0.025	0.157	7.4	7.4	7.7	7.86
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	11	7.5	7.531	7.9	7.4	0.025	0.159	7.4	7.4	7.7	7.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	11	0.032	0.029	0.04	0.013	0.	0.009	0.014	0.02	0.04	0.04
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	11	7.5	7.518	7.9	7.1	0.078	0.279	7.1	7.3	7.7	7.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	11	7.5	7.437	7.9	7.1	0.085	0.291	7.1	7.3	7.7	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	11	0.032	0.037	0.079	0.013	0.001	0.024	0.013	0.02	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	11	170.	168.545	196.	138.	298.473	17.276	139.6	156.	180.	193.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	11	22.	29.091	70.	8.	391.891	19.796	9.2	16.	36.	68.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	11	0.3	0.264	0.5	0.1	0.019	0.136	0.1	0.1	0.4	0.48
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-06/24/92	11	0.7	0.709	0.9	0.4	0.023	0.151	0.44	0.6	0.8	0.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	11	1.	1.118	1.8	0.7	0.204	0.451	0.7	0.8	1.8	1.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	11	0.09	0.092	0.17	0.05	0.002	0.041	0.05	0.06	0.12	0.164
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	11	7.1	8.155	13.1	4.7	7.329	2.707	4.9	6.2	10.2	12.9
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	10	0.005	0.006	0.015	0.005	0.	0.003	0.005	0.005	0.005	0.014
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	11	244.	254.182	336.	200.	1418.764	37.666	204.	240.	276.	328.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	11	35.	36.545	64.	22.	136.673	11.691	23.2	28.	44.	60.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	11	63.	61.545	69.	51.	28.473	5.336	51.8	58.	65.	68.4
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	10	890.	1096.	2600.	380.	482293.333	694.473	404.	620.	1400.	2540.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	530.	1331.818	3500.	10.	2207076.364	1485.623	28.	100.	3400.	3480.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	2.724	2.658	3.544	1.	0.687	0.829	1.2	2.	3.531	3.542
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			454.749								

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Annual Analysis for 1982 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	11	12.	10.545	22.	1.	51.873	7.202	1.2	5.	17.	21.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	10	59.	76.8	200.	8.	4719.289	68.697	9.	21.	135.	198.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	11	540.	528.182	630.	360.	6076.364	77.951	382.	470.	580.	630.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	11	7.7	8.118	10.3	6.5	1.614	1.27	6.5	7.2	8.8	10.2
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	11	2.1	3.236	8.	1.5	4.901	2.214	1.52	1.7	5.5	7.56
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	11	19.	20.909	32.	11.	45.691	6.76	11.4	18.	25.	32.
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	11	7.7	7.609	7.7	7.4	0.015	0.122	7.4	7.5	7.7	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	11	7.7	7.592	7.7	7.4	0.015	0.123	7.4	7.5	7.7	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	11	0.02	0.026	0.04	0.02	0.	0.008	0.02	0.02	0.032	0.04
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	11	7.6	7.673	7.9	7.5	0.024	0.156	7.5	7.6	7.9	7.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	11	7.6	7.649	7.9	7.5	0.025	0.157	7.5	7.6	7.9	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	11	0.025	0.022	0.032	0.013	0.	0.007	0.013	0.013	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	11	172.	166.455	192.	98.	653.073	25.555	110.4	160.	184.	191.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	11	31.	31.182	66.	10.	390.764	19.768	10.	10.	52.	64.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	10	0.25	0.31	0.8	0.1	0.041	0.202	0.11	0.2	0.35	0.77
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-06/24/92	10	0.75	0.84	1.6	0.5	0.105	0.324	0.51	0.6	1.025	1.55
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	10	0.9	0.94	1.4	0.7	0.052	0.227	0.7	0.775	1.125	1.38
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	10	0.075	0.107	0.18	0.07	0.002	0.047	0.07	0.07	0.163	0.179
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	11	6.1	6.455	9.8	3.8	4.179	2.044	3.86	4.8	8.3	9.56
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	11	0.005	0.005	0.006	0.005	0.	0.	0.005	0.005	0.005	0.006
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	11	246.	232.273	268.	146.	1904.418	43.64	146.	240.	262.	266.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	11	36.	37.364	65.	23.	112.655	10.614	24.2	31.	41.	60.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	11	61.	58.455	67.	38.	60.473	7.776	41.2	57.	63.	66.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	11	10.	11.364	20.	10.	10.455	3.233	10.	10.	10.	19.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	11	1700.	1569.091	3000.	550.	842589.091	917.927	554.	630.	2400.	2980.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	11	10.	11.818	20.	10.	16.364	4.045	10.	10.	10.	20.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	10	360.	1075.	4100.	40.	2243250.	1497.748	40.	160.	1650.	4050.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	10	2.555	2.612	3.613	1.602	0.477	0.691	1.602	2.126	3.139	3.607
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			409.022								

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Annual Analysis for 1983 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	10	13.5	13.3	26.	0.	79.122	8.895	0.5	5.75	20.75	26.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	10	26.	36.	120.	10.	1124.444	33.533	10.2	18.	38.	114.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	10	520.	514.	670.	420.	5137.778	71.678	420.	465.	542.5	658.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	10	7.95	8.62	11.8	6.7	2.697	1.642	6.75	7.2	10.025	11.63
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	10	2.	2.28	4.7	1.2	0.995	0.998	1.23	1.725	2.45	4.55
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	10	15.	16.8	30.	10.	38.844	6.233	10.2	12.75	19.75	29.5
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	9	7.6	7.633	7.8	7.5	0.008	0.087	7.5	7.6	7.7	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	9	7.6	7.626	7.8	7.5	0.008	0.087	7.5	7.6	7.7	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	9	0.025	0.024	0.032	0.016	0.	0.005	0.016	0.02	0.025	0.032
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	10	7.55	7.58	7.8	7.4	0.015	0.123	7.41	7.5	7.7	7.79
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	10	7.547	7.565	7.8	7.4	0.015	0.124	7.41	7.5	7.7	7.79
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	10	0.028	0.027	0.04	0.016	0.	0.007	0.016	0.02	0.032	0.039
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	10	171.5	165.2	192.	131.	282.622	16.811	133.3	154.	174.5	190.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	10	18.5	23.8	55.	6.	243.067	15.591	6.8	15.5	29.5	54.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	10	0.3	0.28	0.4	0.2	0.006	0.079	0.2	0.2	0.325	0.4
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-06/24/92	10	0.75	0.76	1.	0.6	0.016	0.126	0.6	0.675	0.825	0.99
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	10	0.9	1.04	1.8	0.8	0.132	0.363	0.8	0.8	1.225	1.78
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	10	0.08	0.089	0.15	0.06	0.001	0.034	0.06	0.06	0.113	0.15
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	10	5.85	6.77	15.	4.	10.9	3.302	4.05	4.875	7.325	14.48
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	10	0.005	0.005	0.007	0.005	0.	0.001	0.005	0.005	0.005	0.007
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	10	245.	247.3	302.	203.	764.456	27.649	205.1	225.5	263.	299.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	10	31.5	36.2	72.	24.	180.844	13.448	24.5	29.75	39.25	68.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	10	62.5	62.6	76.	50.	85.378	9.24	50.2	54.25	72.25	75.7
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	10	1000.	1441.	3700.	420.	1165565.556	1079.614	454.	775.	1900.	3640.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	10	10.	12.	30.	10.	40.	6.325	10.	10.	10.	28.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	10	53.	827.6	4200.	10.	2247279.822	1499.093	10.	25.	1185.	4080.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	10	1.724	2.087	3.623	1.	0.904	0.951	1.	1.358	2.942	3.609
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			122.103								

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Annual Analysis for 1984 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	12	12.5	14.417	25.	6.	54.629	7.391	6.3	8.	23.	24.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	11	19.	29.818	150.	11.	1619.764	40.246	11.	13.	22.	126.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	12	500.	517.5	620.	440.	2693.182	51.896	455.	490.	537.5	617.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	12	8.9	8.45	10.7	6.	2.923	1.71	6.03	6.625	10.05	10.58
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	12	2.2	2.083	3.	0.5	0.545	0.738	0.71	1.65	2.6	2.94
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	12	17.	17.917	47.	9.	110.629	10.518	9.	9.25	20.75	40.1
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	10	7.75	7.77	8.1	7.4	0.058	0.241	7.41	7.575	8.025	8.1
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	10	7.747	7.712	8.1	7.4	0.062	0.248	7.41	7.575	8.025	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	10	0.018	0.019	0.04	0.008	0.	0.01	0.008	0.009	0.027	0.039
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	12	7.5	7.483	7.6	7.3	0.009	0.094	7.33	7.4	7.575	7.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	12	7.5	7.474	7.6	7.3	0.009	0.094	7.33	7.4	7.575	7.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	12	0.032	0.034	0.05	0.025	0.	0.008	0.025	0.027	0.04	0.047
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	12	160.	158.75	180.	120.	243.841	15.615	129.	150.	171.5	177.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	11	19.	25.	100.	7.	659.2	25.675	8.	13.	27.	85.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/84	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	12	0.2	0.25	0.6	0.1	0.015	0.124	0.13	0.2	0.3	0.51
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-06/24/92	12	0.7	0.783	1.3	0.5	0.047	0.217	0.53	0.7	0.95	1.21
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	12	0.85	0.975	1.6	0.6	0.108	0.328	0.63	0.7	1.275	1.51
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	12	0.07	0.081	0.23	0.03	0.003	0.051	0.033	0.053	0.09	0.191
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	12	5.3	5.542	10.8	2.5	6.564	2.562	2.62	3.175	7.45	10.14
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	12	0.005	0.005	0.011	0.003	0.	0.002	0.003	0.005	0.005	0.01
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	12	246.	245.5	284.	180.	647.364	25.443	195.	240.	261.5	279.2
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	12	32.5	35.583	52.	28.	57.902	7.609	28.3	30.25	39.5	50.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	12	60.	59.583	72.	44.	57.174	7.561	46.7	54.25	63.75	71.1
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	12 ##	7.5	10.	40.	5.	95.455	9.77	5.	5.	10.	31.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	12	1000.	1715.	9600.	460.	6271627.273	2504.322	508.	797.5	1425.	7200.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	12	10.	8.333	10.	5.	6.061	2.462	5.	5.	10.	10.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	12	475.	615.	2100.	150.	274154.545	523.598	177.	365.	592.5	1800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	12	2.676	2.689	3.322	2.176	0.085	0.292	2.237	2.562	2.773	3.238
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			488.506								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	12	15.	14.083	25.	2.	66.992	8.185	2.	5.75	21.5	24.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	11	13.	29.636	200.	9.	3204.455	56.608	9.	9.	18.	163.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	12	495.	497.5	590.	300.	6711.364	81.923	336.	460.	570.	587.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	12	7.85	8.167	10.7	6.4	2.03	1.425	6.43	7.	9.35	10.52
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	12	2.4	2.558	3.9	1.5	0.466	0.683	1.56	2.125	3.1	3.66
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	12	15.	18.25	52.	7.	152.205	12.337	7.3	9.	23.75	44.2

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Annual Analysis for 1985 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	10	7.75	7.71	8.	7.1	0.063	0.251	7.15	7.6	7.9	7.99
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	10	7.747	7.626	8.	7.1	0.071	0.266	7.15	7.6	7.9	7.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	10	0.018	0.024	0.079	0.01	0.	0.02	0.01	0.013	0.025	0.074
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	12	7.55	7.5	7.8	7.	0.044	0.209	7.09	7.4	7.6	7.77
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	12	7.547	7.446	7.8	7.	0.047	0.216	7.09	7.4	7.6	7.77
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	12	0.028	0.036	0.1	0.016	0.	0.022	0.017	0.025	0.04	0.085
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	12	161.5	156.083	190.	92.	607.356	24.645	107.	144.	169.	187.
00500	RESIDUE, TOTAL (MG/L)	03/20/85-06/24/92	10	362.	392.	652.	334.	8702.444	93.287	334.6	352.	385.	626.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	12	11.	42.917	384.	6.	11559.174	107.514	6.6	8.	18.5	274.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	12	0.2	0.275	0.5	0.1	0.02	0.142	0.1	0.2	0.4	0.5
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-06/24/92	12	0.8	0.908	2.3	0.6	0.199	0.446	0.63	0.725	0.875	1.88
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	12	0.8	0.833	1.3	0.6	0.044	0.21	0.6	0.7	0.975	1.24
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	12	0.06	0.088	0.4	0.04	0.01	0.1	0.04	0.043	0.08	0.31
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	6	4.65	4.483	5.8	3.3	0.974	0.987	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	12 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	12	240.	238.333	286.	142.	1279.879	35.775	165.4	228.	260.	281.2
00910	CALCIUM (MG/L AS CACO3)	11/20/85-06/24/92	2	128.	128.	158.	98.	1800.	42.426	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	12	37.5	35.333	45.	13.	65.697	8.105	18.4	31.75	39.	44.1
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	12	60.5	59.417	69.	35.	79.72	8.929	40.7	56.5	65.5	68.4
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	12 ##	5.	6.25	20.	5.	18.75	4.33	5.	5.	5.	15.5
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	12	885.	2270.	18000.	510.	24591163.636	4958.948	516.	622.5	1100.	12930.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	12	10.	8.75	20.	5.	18.75	4.33	5.	5.	10.	17.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	12	190.	417.5	2500.	10.	467565.909	683.788	31.	95.	447.5	1957.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	12	2.278	2.276	3.398	1.	0.342	0.585	1.271	1.976	2.634	3.23
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			188.673								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	12	12.5	13.667	24.	4.	48.242	6.946	4.6	7.	20.	23.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	12	17.	15.5	29.	5.	51.182	7.154	5.6	8.25	20.5	26.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	12	476.5	536.833	920.	376.	26061.061	161.434	378.1	421.75	620.5	866.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	12	8.1	8.6	12.3	6.3	3.355	1.832	6.45	7.35	9.825	12.03
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	7	2.3	3.2	8.	1.8	4.827	2.197	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	11	16.	19.318	61.	2.5	223.114	14.937	4.	12.	22.	53.2
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	12	7.7	7.675	7.9	7.4	0.024	0.154	7.4	7.6	7.8	7.87
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	12	7.7	7.648	7.9	7.4	0.025	0.157	7.4	7.6	7.8	7.87
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	12	0.02	0.022	0.04	0.013	0.	0.009	0.014	0.016	0.025	0.04
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	12	7.85	7.842	8.	7.7	0.008	0.09	7.7	7.8	7.9	7.97
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	12	7.847	7.833	8.	7.7	0.008	0.09	7.7	7.8	7.9	7.97
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	12	0.014	0.015	0.02	0.01	0.	0.003	0.011	0.013	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	12	175.5	175.083	190.	154.	112.265	10.596	155.2	172.5	182.5	189.4
00500	RESIDUE, TOTAL (MG/L)	03/20/85-06/24/92	12	372.	377.75	493.	300.	2722.205	52.175	303.6	346.25	399.75	475.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	12	12.	14.417	32.	5.	58.629	7.657	5.3	10.	19.75	28.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	12	0.25	0.25	0.4	0.1	0.006	0.08	0.13	0.2	0.3	0.37
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	12	0.9	0.925	1.3	0.6	0.047	0.218	0.63	0.725	1.15	1.27
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	12	0.075	0.076	0.1	0.05	0.	0.02	0.05	0.06	0.098	0.1
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	12 ##	0.003	0.004	0.009	0.003	0.	0.002	0.003	0.003	0.005	0.008
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	12	258.	255.083	286.	218.	374.083	19.341	222.2	243.25	269.5	283.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	12	940.	990.833	1800.	510.	186662.879	432.045	522.	577.5	1375.	1710.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	680.	945.455	3000.	110.	817747.273	904.294	136.	300.	1100.	2840.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	2.833	2.795	3.477	2.041	0.186	0.431	2.109	2.477	3.041	3.45
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			623.698								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	11	17.	15.091	25.	4.	52.491	7.245	4.2	8.	21.	24.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	10	11.5	33.4	200.	8.	3507.378	59.223	8.	8.	29.5	183.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	11	364.	355.455	409.	314.	926.873	30.445	315.	328.	382.	404.8
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	11	8.	8.609	13.	5.7	5.941	2.437	5.82	6.5	11.	12.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	5	2.2	6.06	22.	1.2	79.818	8.934	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	11	16.	18.091	42.	11.	71.691	8.467	11.2	15.	19.	38.
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	10	7.75	7.76	8.1	7.5	0.038	0.196	7.51	7.6	7.925	8.09
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	10	7.747	7.723	8.1	7.5	0.04	0.199	7.51	7.6	7.925	8.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	10	0.018	0.019	0.032	0.008	0.	0.008	0.008	0.012	0.025	0.031
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	11	7.8	7.691	8.	7.1	0.073	0.27	7.14	7.6	7.9	7.98
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	11	7.8	7.598	8.	7.1	0.082	0.287	7.14	7.6	7.9	7.98
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	11	0.016	0.025	0.079	0.01	0.	0.021	0.011	0.013	0.025	0.074
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	11	174.	167.818	190.	132.	361.964	19.025	134.	156.	182.	189.6
00500	RESIDUE, TOTAL (MG/L)	03/20/85-06/24/92	11	362.	373.455	569.	325.	4716.873	68.679	326.6	333.	379.	533.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	11	15.	39.091	288.	3.	6906.291	83.104	3.4	5.	30.	236.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	11	0.3	0.327	0.5	0.2	0.008	0.09	0.2	0.3	0.4	0.48
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	11	0.9	0.936	1.6	0.6	0.073	0.269	0.6	0.8	1.	1.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	11	0.07	0.093	0.38	0.04	0.009	0.097	0.04	0.05	0.08	0.322
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	11 ##	0.003	0.005	0.008	0.003	0.	0.003	0.003	0.003	0.008	0.008
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	11	248.	236.	262.	188.	604.8	24.593	192.8	214.	258.	261.6
00910	CALCIUM (MG/L AS CACO3)	11/20/85-06/24/92	11	144.	134.909	158.	100.	308.291	17.558	103.2	118.	146.	156.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/27/87-06/24/92	10	5.	4.5	9.	2.	5.833	2.415	2.	2.	6.	8.7
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	10	870.	2020.	11000.	540.	10176644.444	3190.085	547.	715.	1575.	10110.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-08/15/91	7	90.	138.571	430.	60.	16914.286	130.055	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	10	170.	1403.5	5800.	5.	4331355.833	2081.191	5.5	40.	3050.	5630.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	10	2.211	2.36	3.763	0.699	1.146	1.07	0.729	1.524	3.477	3.748
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			228.855								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	13	13.	13.615	29.	0.	79.923	8.94	1.6	5.5	21.	27.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	8	15.	20.75	72.	8.	444.786	21.09	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	13	462.	464.692	678.	359.	6798.064	82.45	367.8	397.5	493.5	620.8
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	13	8.6	8.469	11.5	6.1	2.964	1.722	6.26	7.05	9.7	11.38
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	7	2.1	2.086	3.2	1.6	0.318	0.564	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	13	18.	18.769	28.	6.	39.526	6.287	8.8	14.5	25.	27.6
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	13	7.6	7.692	8.4	7.2	0.134	0.366	7.2	7.4	8.	8.28
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	13	7.6	7.567	8.4	7.2	0.151	0.389	7.2	7.4	8.	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	13	0.025	0.027	0.063	0.004	0.	0.02	0.006	0.01	0.04	0.063
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	13	7.8	7.838	8.2	7.6	0.021	0.145	7.64	7.75	7.9	8.08
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	13	7.8	7.818	8.2	7.6	0.021	0.146	7.64	7.75	7.9	8.08
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	13	0.016	0.015	0.025	0.006	0.	0.005	0.009	0.013	0.018	0.023
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	13	155.	153.385	176.	135.	152.09	12.332	136.2	142.	163.	172.
00500	RESIDUE, TOTAL (MG/L)	03/20/85-06/24/92	13	344.	349.692	475.	291.	2764.397	52.578	293.	307.	375.5	449.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	13	15.	26.077	104.	6.	799.577	28.277	6.	7.5	36.5	86.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	13	0.2	0.235	0.4	0.05	0.011	0.103	0.07	0.2	0.3	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	13	1.	1.031	1.5	0.7	0.056	0.236	0.74	0.8	1.2	1.42
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	13	0.08	0.347	1.98	0.04	0.388	0.623	0.04	0.055	0.195	1.776
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	13 ##	0.003	0.007	0.048	0.003	0.	0.012	0.003	0.003	0.005	0.031
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	13	232.	233.077	260.	204.	325.577	18.044	208.	218.	248.5	259.6
00910	CALCIUM (MG/L AS CACO3)	11/20/85-06/24/92	13	136.	139.231	164.	112.	325.026	18.028	115.2	123.	158.	162.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/27/87-06/24/92	12	5.	5.5	7.	4.	1.545	1.243	4.	4.25	7.	7.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.

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Annual Analysis for 1988 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	12	895.	1500.	3900.	640.	1362800.	1167.39	658.	750.	2025.	3840.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-08/15/91	9	110.	126.667	240.	70.	3275.	57.228	70.	75.	170.	240.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	4	325.	1065.	3600.	10.	2898566.667	1702.518	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	4	2.438	2.358	3.556	1.	1.143	1.069	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			227.951								
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-06/24/92	9	360.	867.222	3900.	5.	1539094.444	1240.602	5.	95.	1300.	3900.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-06/24/92	9	2.556	2.411	3.591	0.699	0.835	0.914	0.699	1.766	3.113	3.591
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			257.7								

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Annual Analysis for 1989 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	12	15.55	15.183	28.5	1.	76.534	8.748	1.9	6.45	23.025	27.24
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	6	6.35	5.95	7.	4.	1.155	1.075	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	12	437.	425.25	590.	180.	10295.477	101.467	223.8	405.5	457.	574.4
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	12	7.85	8.342	10.9	7.1	1.361	1.167	7.19	7.625	9.1	10.66
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	6	2.	1.933	2.5	1.2	0.271	0.52	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	12	16.	18.667	51.	10.	118.061	10.866	10.6	13.	19.5	42.9
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	12	7.74	7.674	8.	7.2	0.064	0.254	7.26	7.415	7.9	7.97
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	12	7.738	7.602	8.	7.2	0.07	0.265	7.26	7.415	7.9	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	12	0.018	0.025	0.063	0.01	0.	0.016	0.011	0.013	0.039	0.056
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	12	8.	7.95	8.2	7.6	0.037	0.193	7.63	7.8	8.1	8.2
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	12	8.	7.909	8.2	7.6	0.039	0.198	7.63	7.8	8.1	8.2
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	12	0.01	0.012	0.025	0.006	0.	0.006	0.006	0.008	0.016	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	12	155.	154.667	166.	140.	77.333	8.794	141.2	145.5	163.	166.
00500	RESIDUE, TOTAL (MG/L)	03/20/85-06/24/92	12	331.5	356.167	641.	282.	8851.788	94.084	286.2	308.5	366.5	560.3
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	12	12.	28.583	208.	4.	3212.265	56.677	5.2	10.25	18.5	151.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	12	0.25	0.238	0.3	0.05	0.006	0.077	0.095	0.2	0.3	0.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-06/24/92	10	0.6	0.71	1.7	0.3	0.134	0.367	0.33	0.6	0.7	1.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	12	0.9	1.058	1.9	0.6	0.143	0.378	0.66	0.8	1.275	1.81
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	12	0.06	0.082	0.33	0.04	0.006	0.079	0.043	0.053	0.068	0.255
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	12 ##	0.003	0.003	0.006	0.003	0.	0.001	0.003	0.003	0.003	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	12	227.	225.5	254.	200.	283.	16.823	200.6	213.	241.5	251.
00910	CALCIUM (MG/L AS CACO3)	11/20/85-06/24/92	12	153.	148.333	166.	112.	212.242	14.569	119.2	138.	157.5	164.2
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	12	17.5	18.083	24.	14.	8.629	2.937	14.3	16.25	19.	23.7
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	10	36.	37.	48.	31.	19.556	4.422	31.3	34.75	38.	47.
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/27/87-06/24/92	12	5.	5.	7.	3.	1.273	1.128	3.3	4.	6.	6.7
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	12 ##	5.	6.25	20.	5.	18.75	4.33	5.	5.	5.	15.5
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	12	1100.	1907.5	11000.	610.	8278947.727	2877.316	673.	850.	1475.	8150.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-08/15/91	6	100.	136.667	340.	80.	10026.667	100.133	**	**	**	**
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-06/24/92	12	190.	982.083	6500.	5.	3895488.447	1973.699	9.5	62.5	475.	5570.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-06/24/92	12	2.278	2.285	3.813	0.699	0.746	0.864	0.88	1.774	2.675	3.728
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			192.723								

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Annual Analysis for 1990 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	11	16.1	15.118	24.	5.5	44.542	6.674	5.9	8.4	21.1	23.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	4	26.5	23.2	35.	4.8	166.693	12.911	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	9	473.	494.778	673.	417.	5739.444	75.759	417.	448.5	518.5	673.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	10	8.4	8.72	13.6	4.6	8.168	2.858	4.68	6.15	11.3	13.37

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Annual Analysis for 1990 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	5	1.8	1.64	2.3	0.5	0.473	0.688	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	12	16.	19.333	53.	10.	125.152	11.187	10.9	14.25	20.	44.3
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	10	7.725	7.69	7.87	7.42	0.03	0.172	7.428	7.508	7.853	7.869
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	10	7.717	7.659	7.87	7.42	0.031	0.175	7.428	7.507	7.852	7.869
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	10	0.019	0.022	0.038	0.013	0.	0.009	0.014	0.014	0.031	0.037
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	12	8.	7.933	8.2	7.3	0.057	0.239	7.42	7.9	8.1	8.17
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	12	8.	7.854	8.2	7.3	0.064	0.253	7.42	7.9	8.1	8.17
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	12	0.01	0.014	0.05	0.006	0.	0.012	0.007	0.008	0.013	0.041
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	12	162.5	158.167	187.	83.	640.333	25.305	103.7	156.	169.	182.5
00500	RESIDUE, TOTAL (MG/L)	03/20/85-06/24/92	12	344.	356.167	541.	295.	4151.606	64.433	297.7	321.75	361.75	497.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	12	14.	40.25	308.	2.	7267.659	85.251	3.5	8.25	25.25	230.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	12	0.2	0.167	0.3	0.05	0.009	0.094	0.05	0.05	0.2	0.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-06/24/92	12	0.6	0.7	1.6	0.4	0.102	0.319	0.43	0.525	0.7	1.42
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	12	0.9	0.983	1.8	0.5	0.112	0.335	0.56	0.8	1.1	1.65
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	12	0.06	0.084	0.36	0.04	0.008	0.088	0.04	0.05	0.07	0.279
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	12 ##	0.003	0.003	0.009	0.003	0.	0.002	0.003	0.003	0.003	0.008
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	12	226.	218.75	248.	107.	1376.932	37.107	137.9	215.5	238.	246.8
00910	CALCIUM (MG/L AS CACO3)	11/20/85-06/24/92	12	150.	143.833	160.	75.	525.97	22.934	93.9	141.	156.	159.7
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	11	16.	16.445	24.	4.9	20.703	4.55	6.92	16.	18.	23.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	12	32.	32.083	46.	12.	60.811	7.798	17.4	30.	36.25	43.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/27/87-06/24/92	12	4.95	5.55	9.6	4.	2.975	1.725	4.	4.15	6.225	9.12
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	10	755.	2189.	14000.	520.	17387610.	4169.845	524.	650.	1375.	12790.
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-06/24/92	11	140.	348.182	2200.	10.	408336.364	639.012	10.	60.	190.	1892.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-06/24/92	11	2.146	2.083	3.342	1.	0.466	0.682	1.	1.778	2.279	3.238
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			120.992								

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Annual Analysis for 1991 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	8	16.	15.725	29.6	5.	87.814	9.371	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	8	595.	613.625	806.	446.	16086.268	126.832	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	7	8.2	8.914	11.1	7.2	2.488	1.577	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	6 ##	1.05	1.15	2.2	0.5	0.555	0.745	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	12	17.	17.833	33.	8.	64.515	8.032	8.9	11.25	19.75	33.
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	7	7.56	7.511	7.91	7.01	0.127	0.356	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	7	7.56	7.39	7.91	7.01	0.144	0.38	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	7	0.028	0.041	0.098	0.012	0.001	0.032	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	12	7.75	7.65	8.	6.8	0.117	0.342	6.92	7.6	7.9	7.97
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	12	7.747	7.481	8.	6.8	0.148	0.385	6.92	7.6	7.9	7.97
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	12	0.018	0.033	0.158	0.01	0.002	0.042	0.011	0.013	0.025	0.13
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	12	155.5	157.083	181.	135.	260.992	16.155	136.2	142.5	170.25	180.4
00500	RESIDUE, TOTAL (MG/L)	03/20/85-06/24/92	12	358.5	367.833	490.	291.	2915.606	53.996	300.6	327.	407.75	468.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	12	18.	32.833	150.	4.	1885.061	43.417	4.	9.25	29.75	132.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	12	0.2	0.15	0.2	0.05	0.004	0.064	0.05	0.1	0.2	0.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-06/24/92	12	0.7	0.808	1.4	0.5	0.077	0.278	0.53	0.6	1.025	1.34
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	12	0.8	0.833	1.1	0.6	0.032	0.178	0.63	0.7	1.05	1.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	12	0.04	0.065	0.19	0.015	0.003	0.054	0.02	0.033	0.075	0.181
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	12 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	12	222.5	222.75	272.	178.	667.114	25.829	184.	205.	240.5	266.3
00910	CALCIUM (MG/L AS CACO3)	11/20/85-06/24/92	12	148.	149.	178.	118.	343.091	18.523	121.3	132.25	167.25	175.
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	12	17.	19.417	50.	13.	98.811	9.94	13.3	15.25	17.75	41.9
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	12	34.5	39.333	94.	29.	314.97	17.747	29.	30.75	36.75	79.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/27/87-06/24/92	12	5.5	5.4	8.	4.	2.029	1.424	4.	4.	6.6	7.7
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	12	790.	1252.5	3700.	380.	1233965.909	1110.84	413.	500.	1850.	3520.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-08/15/91	1	70.	70.	70.	70.	0.	0.	**	**	**	**
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-06/24/92	12	135.	998.75	5500.	5.	2985346.023	1727.815	6.5	22.5	1250.	4870.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-06/24/92	12	2.13	2.214	3.74	0.699	1.003	1.002	0.789	1.195	3.096	3.678
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			163.612								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

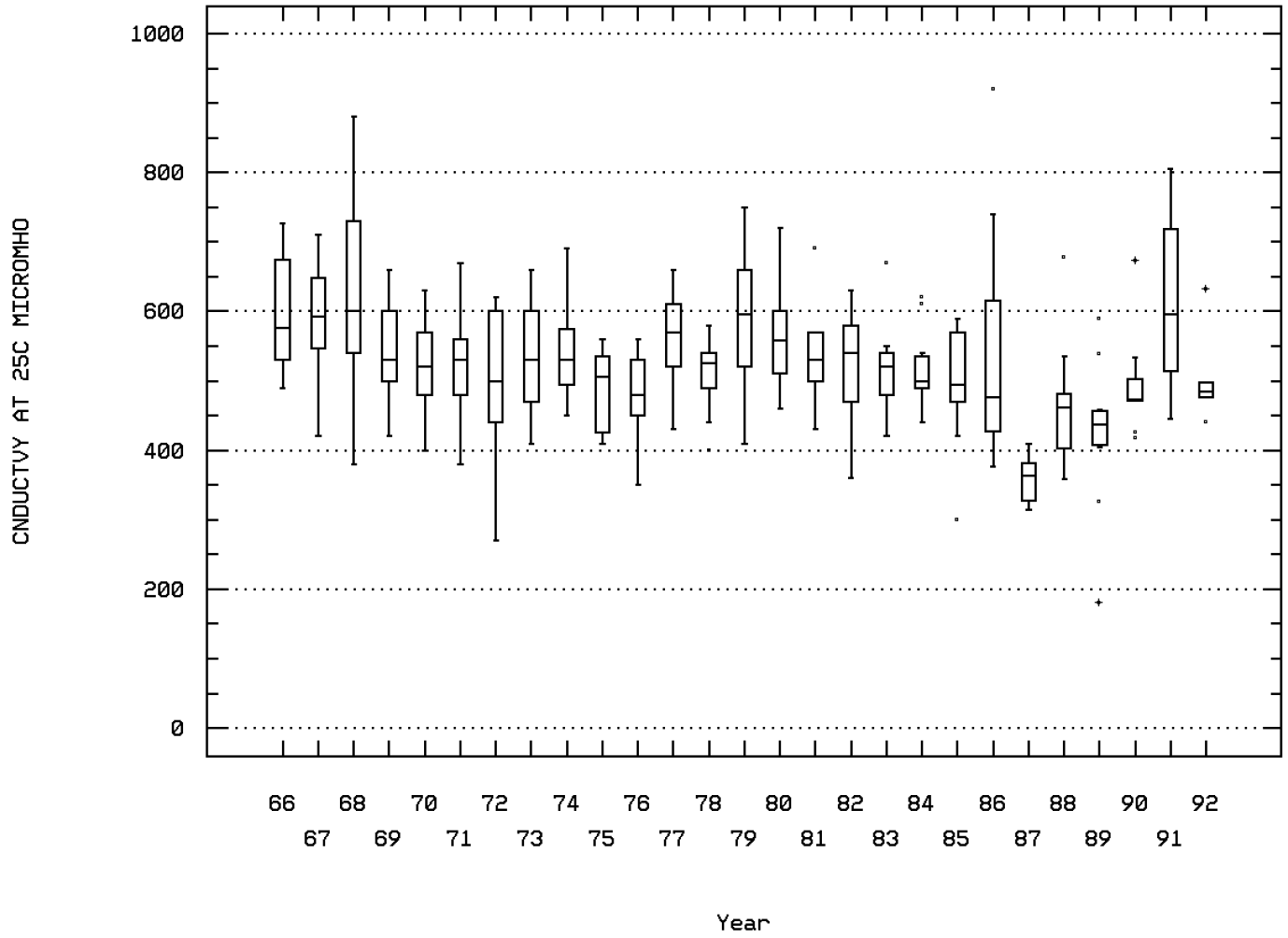
Annual Analysis for 1992 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	5	9.3	11.84	17.3	7.9	20.878	4.569	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	5	484.	505.8	631.	440.	5357.2	73.193	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	5	9.9	9.68	13.6	6.5	7.217	2.686	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	3	2.	2.333	3.5	1.5	1.083	1.041	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	6	13.5	12.833	16.	8.	7.367	2.714	**	**	**	**
00400	PH (STANDARD UNITS)	01/04/66-06/24/92	5	8.	7.768	8.21	7.19	0.198	0.445	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	5	8.	7.586	8.21	7.19	0.24	0.489	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	5	0.01	0.026	0.065	0.006	0.001	0.026	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	6	7.75	7.667	7.8	7.4	0.031	0.175	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	6	7.747	7.635	7.8	7.4	0.032	0.178	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	6	0.018	0.023	0.04	0.016	0.	0.01	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	6	169.5	173.	219.	152.	574.4	23.967	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/20/85-06/24/92	6	361.5	354.5	384.	316.	779.9	27.927	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	6	8.5	11.	26.	4.	61.6	7.849	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	6	0.15	0.15	0.2	0.1	0.003	0.055	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-06/24/92	6	0.6	0.593	0.76	0.5	0.009	0.095	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	6	0.85	0.833	1.	0.6	0.027	0.163	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	6	0.045	0.043	0.07	0.015	0.	0.019	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	6 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	6	246.	242.667	261.	214.	299.867	17.317	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	11/20/85-06/24/92	6	161.	158.333	174.	142.	184.667	13.589	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	7	19.	18.	21.	14.	7.333	2.708	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	6	39.5	37.5	43.	28.	34.7	5.891	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/27/87-06/24/92	6	4.5	4.5	5.	4.	0.3	0.548	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	7 ##	2.	3.286	5.	2.	2.571	1.604	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	7	860.	1011.429	1600.	620.	169980.952	412.287	**	**	**	**
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-06/24/92	6	60.	70.833	150.	5.	4024.167	63.436	**	**	**	**
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-06/24/92	6	1.651	1.599	2.176	0.699	0.349	0.591	**	**	**	**
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			39.674								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: INDU0169 Parameter Code: 00095

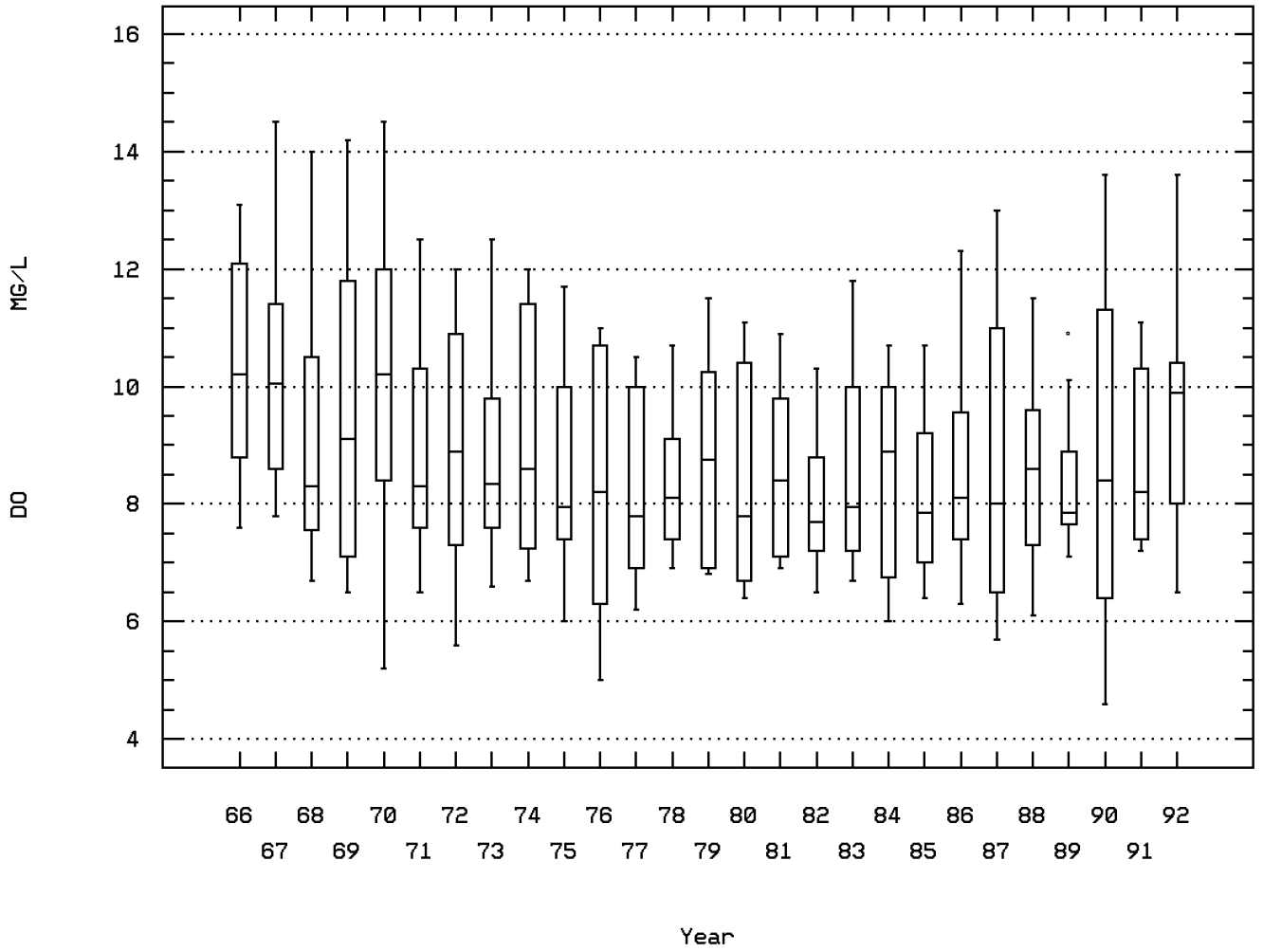
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00300

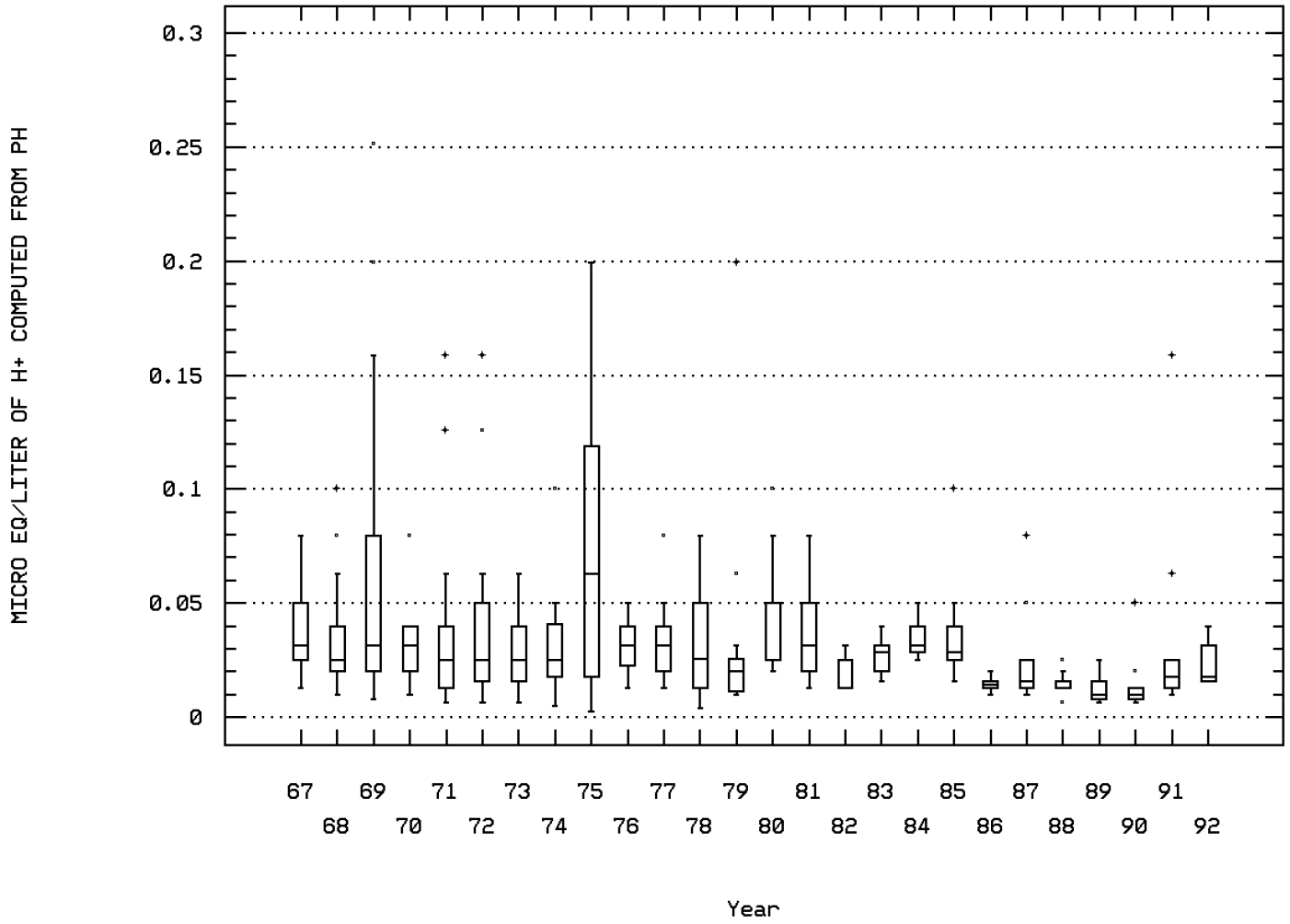
OXYGEN, DISSOLVED



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00403

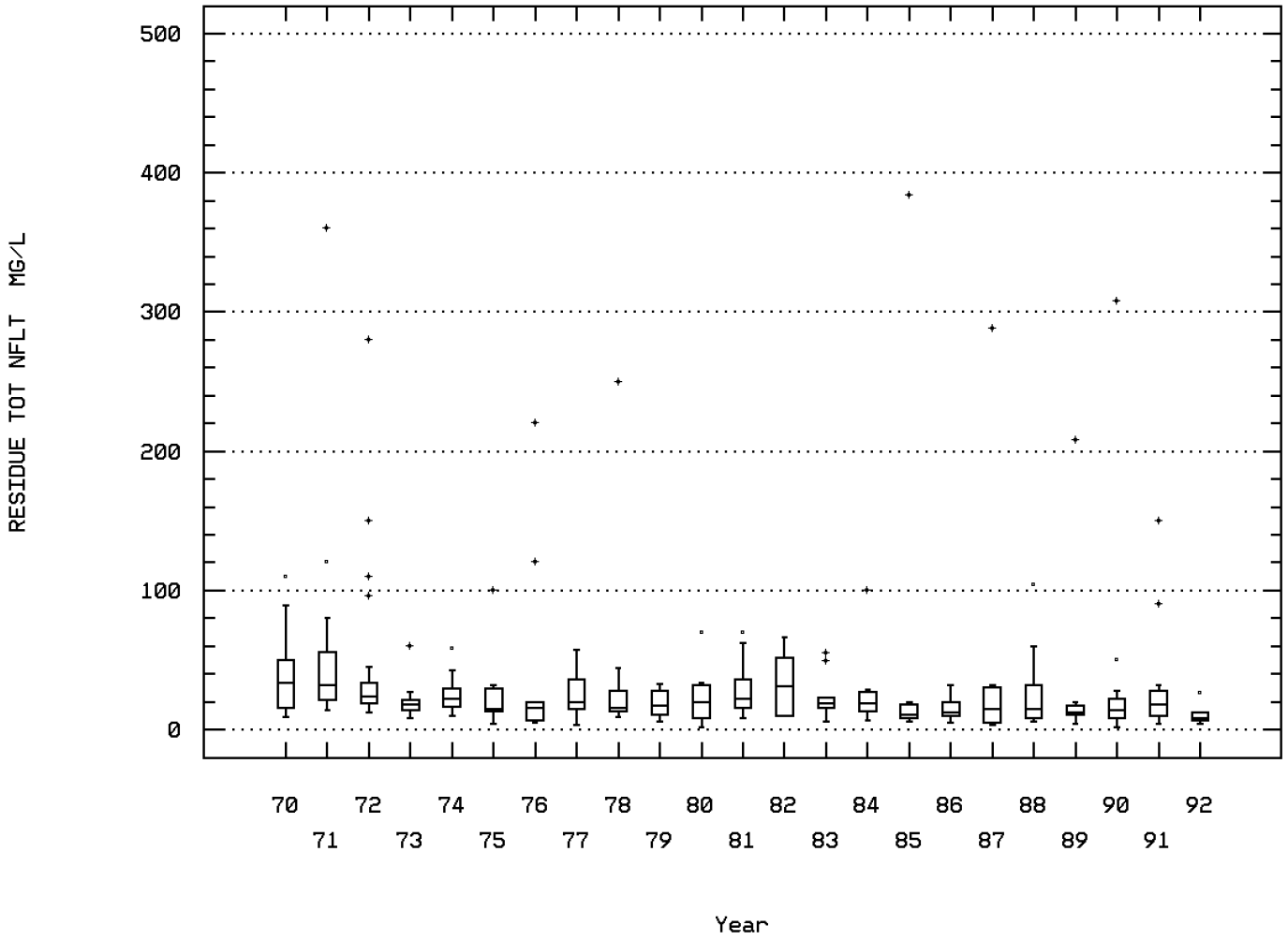
MICRO EQ/LITER OF H+ COMPUTED FROM PH



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00530

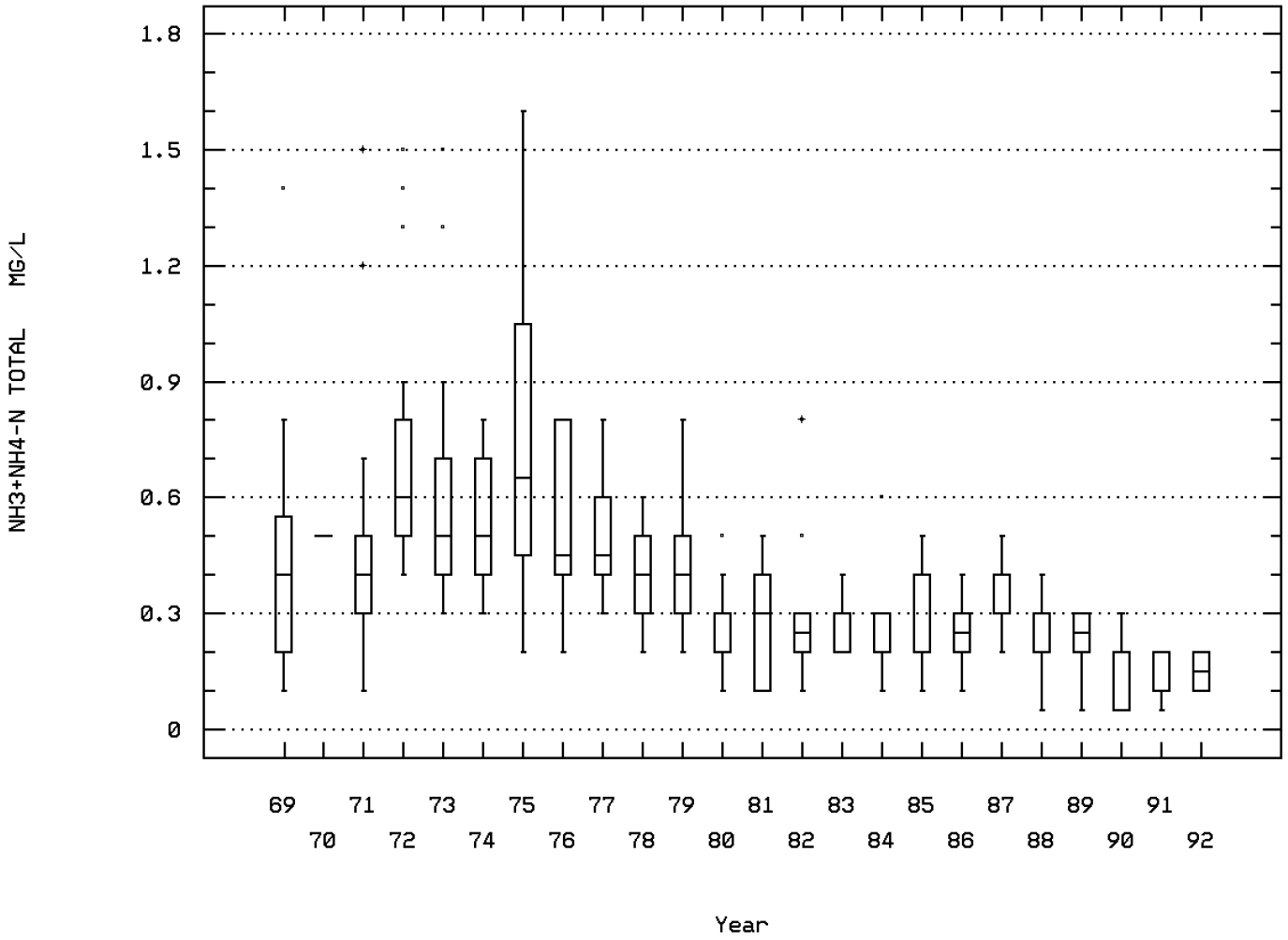
RESIDUE, TOTAL NONFILTRABLE (MG/L)



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00610

NITROGEN, AMMONIA, TOTAL (MG/L AS N)



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Seasonal Analysis for Season #1: 9/16 to 1/15 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	121	10.	11.067	25.	0.	38.137	6.176	3.	6.	16.	20.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	40	18.5	71.705	500.	5.	13329.632	115.454	6.55	9.	77.	272.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	123	530.	539.057	840.	300.	11123.726	105.469	420.	470.	600.	673.6
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	121	8.9	9.35	14.5	6.5	3.023	1.739	7.32	8.	10.75	11.8
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	113	2.4	2.665	8.	0.5	1.649	1.284	1.4	1.8	3.05	4.58
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	68	16.	17.471	53.	4.	83.566	9.141	10.	12.	19.	25.5
00400p	PH (STANDARD UNITS)	01/04/66-06/24/92	88	7.7	7.703	8.6	7.	0.109	0.33	7.29	7.5	7.9	8.11
00400p	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	88	7.7	7.589	8.6	7.	0.122	0.35	7.29	7.5	7.9	8.11
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	88	0.02	0.026	0.1	0.003	0.	0.02	0.008	0.013	0.032	0.051
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	118	7.6	7.588	8.6	6.6	0.111	0.333	7.2	7.4	7.8	7.91
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	118	7.6	7.449	8.6	6.6	0.131	0.361	7.2	7.4	7.8	7.91
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	118	0.025	0.036	0.251	0.003	0.001	0.037	0.012	0.016	0.04	0.063
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	88	170.	171.432	278.	83.	632.961	25.159	147.9	160.	184.	200.
00500	RESIDUE, TOTAL (MG/L)	03/20/85-06/24/92	29	348.	363.379	652.	291.	5391.815	73.429	304.	325.	372.	412.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	91	16.	27.055	384.	2.	2610.075	51.089	5.	9.	26.	49.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/84	43	5.	6.279	32.	1.	30.587	5.531	2.	2.	9.	12.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-12/13/89	17	4.2	6.924	26.	1.	40.189	6.34	1.88	2.75	9.8	17.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	92	0.3	0.362	1.6	0.05	0.059	0.243	0.1	0.2	0.5	0.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-06/24/92	34	0.7	0.762	2.3	0.3	0.132	0.363	0.45	0.6	0.8	1.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	79	0.9	0.93	1.8	0.5	0.079	0.282	0.6	0.7	1.1	1.3
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	46	0.75	0.835	2.7	0.1	0.2	0.447	0.4	0.6	1.	1.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	80	0.08	0.195	1.98	0.015	0.109	0.33	0.04	0.06	0.14	0.76
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	69	0.003	0.005	0.03	0.001	0.	0.005	0.001	0.003	0.005	0.007
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	88	238.	186.17	336.	20.	11138.189	105.538	27.9	38.	256.	294.2
00910	CALCIUM (MG/L AS CACO3)	11/20/85-06/24/92	23	150.	140.522	168.	75.	652.443	25.543	98.8	118.	159.	165.2
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	25	17.	17.356	24.	4.9	13.01	3.607	15.	16.	19.	23.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	87	34.	33.023	85.	12.	108.279	10.406	16.	29.	36.	44.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	75	55.	48.493	84.	15.	400.091	20.002	17.	26.	65.	69.6
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/20/74-05/25/88	12	10.	8.333	10.	5.	6.061	2.462	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	66 ##	5.	8.712	70.	5.	85.624	9.253	5.	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	15	20.	19.	60.	5.	172.143	13.12	8.	10.	20.	42.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	66	670.	1373.939	18000.	370.	7374230.396	2715.553	454.	540.	1025.	2340.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	43	20.	20.116	80.	5.	270.819	16.457	10.	10.	20.	36.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-08/15/91	18	100.	106.111	240.	60.	2036.928	45.132	60.	70.	120.	177.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-09/24/80	42	12000.	20009.524	91000.	700.	413923809.524	20345.118	3060.	6625.	28250.	50000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-09/24/80	42	4.079	4.096	4.959	2.845	0.205	0.453	3.486	3.819	4.451	4.697
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12482.776								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	73	320.	847.671	6400.	10.	1892354.224	1375.629	10.	110.	680.	2560.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	73	2.505	2.414	3.806	1.	0.583	0.763	1.	2.04	2.833	3.408
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			259.641								
47501	WEATHER AT TIME OF SAMPLING	05/20/86-06/24/92	22	40037.5	34660.227	90012.	10011.	434272043.232	20839.195	11261.6	12694.5	42058.5	68900.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	63	5.	4.925	11.	0.	6.123	2.474	1.	3.	7.	8.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	21	16.	27.99	180.	4.8	1415.362	37.621	8.2	10.5	28.	61.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	63	579.	573.175	920.	326.	11029.243	105.02	413.4	520.	630.	703.6
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	61	11.3	11.223	14.5	7.4	2.003	1.415	9.48	10.45	12.05	13.
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	57	2.7	2.772	5.3	0.5	0.903	0.95	1.74	2.05	3.5	4.02
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	34	17.5	17.441	38.	8.	27.527	5.247	12.	14.	20.	23.
00400p	PH (STANDARD UNITS)	01/04/66-06/24/92	46	7.6	7.657	8.3	6.8	0.092	0.304	7.37	7.4	7.893	8.1
00400p	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	46	7.6	7.551	8.3	6.8	0.104	0.322	7.37	7.4	7.892	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	46	0.025	0.028	0.158	0.005	0.001	0.024	0.008	0.013	0.04	0.043
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	58	7.6	7.557	8.4	6.8	0.101	0.318	7.1	7.4	7.8	7.91

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	58	7.6	7.434	8.4	6.8	0.116	0.341	7.1	7.4	7.8	7.91
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	58	0.025	0.037	0.158	0.004	0.001	0.033	0.012	0.016	0.04	0.079
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	45	180.	177.6	216.	104.	403.609	20.09	161.2	168.	190.	199.2
00500	RESIDUE, TOTAL (MG/L)	03/20/85-06/24/92	13	377.	390.154	493.	354.	2220.808	47.125	354.4	359.5	395.5	491.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	46	14.	18.457	120.	2.	353.587	18.804	5.4	8.	23.25	32.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/84	23	5.	7.522	23.	1.	36.625	6.052	1.4	3.	11.	18.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-12/13/89	11	4.5	7.345	22.	1.9	36.455	6.038	1.92	2.9	11.	20.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	46	0.4	0.48	1.5	0.1	0.082	0.286	0.2	0.3	0.525	0.83
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-06/24/92	20	0.7	0.713	1.1	0.4	0.028	0.169	0.5	0.6	0.8	0.99
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	40	0.9	1.003	1.9	0.5	0.093	0.305	0.7	0.8	1.1	1.3
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	23	0.7	0.726	1.8	0.1	0.205	0.452	0.14	0.4	0.8	1.64
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	40	0.07	0.153	1.	0.015	0.056	0.236	0.041	0.05	0.118	0.384
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	34	0.005	0.012	0.085	0.003	0.001	0.022	0.003	0.003	0.005	0.05
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	45	250.	205.956	360.	18.	12599.998	112.25	27.6	35.5	269.	340.
00910	CALCIUM (MG/L AS CACO3)	11/20/85-06/24/92	12	157.	152.25	178.	116.	356.023	18.869	117.8	139.5	167.25	175.
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	14	21.	22.714	50.	14.	70.989	8.425	15.5	18.75	23.25	38.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	45	40.	41.911	150.	17.	475.174	21.798	19.2	32.	45.5	58.6
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	35	61.	51.171	115.	13.	691.264	26.292	16.4	19.	69.	75.2
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/20/74-05/25/88	6	10.	8.333	10.	5.	6.667	2.582	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	33 ##	5.	9.091	40.	5.	47.585	6.898	5.	5.	10.	18.
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	8	20.	17.5	30.	10.	50.	7.071	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	33	730.	931.818	4000.	500.	420846.591	648.727	542.	600.	1050.	1500.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	21	20.	18.571	50.	5.	130.357	11.417	6.	10.	30.	30.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-08/15/91	9	130.	125.556	190.	80.	1077.778	32.83	80.	100.	145.	190.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-09/24/80	21	11000.	24966.667	260000.	1000.	2998454333.333	54758.144	1480.	5850.	21000.	38000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-09/24/80	21	4.041	4.034	5.415	3.	0.276	0.525	3.129	3.767	4.32	4.577
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10821.349								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	35	270.	1069.6	7400.	10.	2523587.953	1588.58	16.	150.	1800.	3500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	35	2.431	2.539	3.869	1.	0.572	0.756	1.181	2.176	3.255	3.544
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			345.577								
47501	WEATHER AT TIME OF SAMPLING	05/20/86-06/24/92	12	27372.	34931.5	90011.	12712.	689505809.364	26258.443	12712.	12801.	41648.75	87200.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	137	16.	15.892	28.5	3.	33.422	5.781	8.	11.	20.8	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	42	29.5	104.798	900.	5.	38766.818	196.893	11.	17.5	100.	200.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	137	530.	522.226	880.	180.	8344.118	91.346	410.	460.	576.	621.2
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	136	8.2	8.51	14.	4.6	2.746	1.657	6.67	7.3	9.775	10.83
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	126	2.7	2.838	7.2	0.5	1.394	1.181	1.7	2.	3.3	4.43
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	76	19.5	21.75	61.	6.	109.017	10.441	12.	15.25	25.	37.8
00400p	PH (STANDARD UNITS)	01/04/66-06/24/92	101	7.6	7.61	8.6	6.4	0.116	0.34	7.202	7.4	7.8	8.
00400p	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	101	7.6	7.459	8.6	6.4	0.139	0.373	7.202	7.4	7.8	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	101	0.025	0.035	0.398	0.003	0.002	0.045	0.01	0.016	0.04	0.063
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	133	7.6	7.598	8.2	6.7	0.096	0.31	7.1	7.5	7.8	7.96
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	133	7.6	7.471	8.2	6.7	0.112	0.335	7.1	7.5	7.8	7.96
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	133	0.025	0.034	0.2	0.006	0.001	0.033	0.011	0.016	0.032	0.079
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	94	170.	168.521	224.	98.	425.908	20.638	141.	159.	180.	190.
00500	RESIDUE, TOTAL (MG/L)	03/20/85-06/24/92	32	362.	376.281	641.	282.	5274.015	72.622	316.3	334.25	395.75	462.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	108	24.	43.102	360.	4.	3305.382	57.492	11.	16.	39.75	100.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/84	51	6.	8.627	40.	1.	58.158	7.626	3.	5.	10.	17.2
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-12/13/89	14	8.3	7.979	18.	1.2	22.985	4.794	1.8	3.6	11.5	15.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	106	0.3	0.398	1.5	0.05	0.078	0.28	0.2	0.2	0.5	0.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-06/24/92	40	0.7	0.805	1.7	0.5	0.083	0.288	0.6	0.6	0.8	1.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	91	0.9	0.954	2.6	0.5	0.122	0.349	0.6	0.7	1.	1.56

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Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	50	0.6	0.688	2.9	0.1	0.173	0.416	0.3	0.5	0.8	1.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	90	0.09	0.162	1.	0.03	0.039	0.197	0.05	0.06	0.153	0.376
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	75	0.005	0.005	0.048	0.001	0.	0.006	0.002	0.003	0.005	0.008
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	94	231.	186.564	372.	23.	10124.442	100.62	26.	35.5	250.5	281.
00910	CALCIUM (MG/L AS CACO3)	11/20/85-06/24/92	24	148.	145.125	174.	118.	222.375	14.912	122.	133.	154.	164.
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	27	18.	17.593	24.	11.	7.635	2.763	14.	16.	19.	21.2
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	104	33.5	32.942	72.	14.	96.754	9.836	18.	28.	38.	45.5
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	80	56.	47.513	76.	15.	455.645	21.346	17.	20.25	64.	71.8
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/20/74-05/25/88	12	10.	7.917	10.	5.	6.629	2.575	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	75 ##	5.	8.08	30.	2.	21.831	4.672	5.	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	16 ##	15.	21.375	90.	2.	459.583	21.438	7.6	10.	20.	62.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	76	1100.	1741.316	11000.	380.	4025123.579	2006.271	694.	820.	1750.	3280.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	48	10.	16.979	50.	5.	121.	11.	10.	10.	20.	40.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-08/15/91	21	120.	144.762	430.	70.	7866.19	88.692	72.	90.	165.	310.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-09/24/80	40	7250.	18347.5	92000.	700.	561149224.359	23688.588	2050.	4075.	25750.	65600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-09/24/80	40	3.86	3.963	4.964	2.845	0.271	0.521	3.311	3.61	4.411	4.817
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9175.365								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	88	300.	845.034	9000.	5.	1847929.643	1359.386	49.	120.	1000.	3000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	88	2.477	2.492	3.954	0.699	0.437	0.661	1.689	2.079	3.	3.477
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			310.398								
47501	WEATHER AT TIME OF SAMPLING	05/20/86-06/24/92	22	32212.	29701.409	70032.	10014.	265100777.301	16281.916	10024.3	10522.	42065.	43243.6

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Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-06/24/92	68	22.	22.616	29.6	15.	7.392	2.719	20.	21.	24.	26.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	18	14.	16.722	40.	4.	90.448	9.51	4.9	9.75	22.	31.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-06/24/92	68	500.	499.265	740.	270.	6025.123	77.622	410.	468.5	527.5	600.9
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-06/24/92	69	7.3	7.284	9.8	5.	0.905	0.952	6.1	6.5	8.	8.5
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	63	2.1	2.876	22.	1.1	8.269	2.876	1.3	1.6	3.1	4.96
00335	COD, .025N K2CR2O7 MG/L	02/20/74-06/24/92	34	14.	14.721	33.	2.5	34.382	5.864	8.5	11.	18.	23.5
00400p	PH (STANDARD UNITS)	01/04/66-06/24/92	47	7.6	7.663	8.6	7.01	0.11	0.332	7.2	7.4	7.9	8.1
00400p	CONVERTED PH (STANDARD UNITS)	01/04/66-06/24/92	47	7.6	7.553	8.6	7.01	0.123	0.35	7.2	7.4	7.9	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-06/24/92	47	0.025	0.028	0.098	0.003	0.	0.02	0.008	0.013	0.04	0.063
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-06/24/92	65	7.6	7.625	8.2	6.8	0.081	0.285	7.3	7.4	7.8	8.
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-06/24/92	65	7.6	7.525	8.2	6.8	0.091	0.302	7.3	7.4	7.8	8.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-06/24/92	65	0.025	0.03	0.158	0.006	0.001	0.025	0.01	0.016	0.04	0.05
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	45	156.	157.778	188.	138.	157.268	12.541	141.2	147.5	166.	176.
00500	RESIDUE, TOTAL (MG/L)	03/20/85-06/24/92	14	324.	324.643	374.	296.	540.709	23.253	296.	301.5	336.5	367.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-06/24/92	51	18.	32.647	280.	8.	1991.113	44.622	10.	15.	32.	55.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/84	29	6.	9.552	55.	1.	111.042	10.538	1.	4.	11.5	22.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-12/13/89	5	3.6	4.26	7.3	1.2	7.943	2.818	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-06/24/92	51	0.3	0.391	1.5	0.05	0.098	0.313	0.12	0.2	0.5	0.76
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/05/77-06/24/92	15	0.6	0.667	0.9	0.5	0.017	0.129	0.5	0.6	0.8	0.84
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-06/24/92	43	0.7	0.753	1.4	0.4	0.03	0.174	0.6	0.6	0.8	1.
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	27	0.8	0.915	2.3	0.4	0.264	0.514	0.5	0.5	1.	1.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-06/24/92	43	0.08	0.227	1.	0.04	0.097	0.312	0.05	0.07	0.16	0.9
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-06/24/92	34	0.003	0.004	0.011	0.001	0.	0.003	0.001	0.003	0.005	0.008
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-06/24/92	45	214.	165.844	298.	22.	9370.907	96.803	24.	31.5	232.	255.2
00910	CALCIUM (MG/L AS CACO3)	11/20/85-06/24/92	9	141.	139.111	146.	129.	43.861	6.623	129.	133.	145.	146.
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	11	17.	17.091	22.	13.	6.691	2.587	13.2	15.	18.	21.6
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-06/24/92	49	30.	29.041	48.	13.	71.957	8.483	15.	24.5	35.	39.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-12/18/85	41	52.	44.122	98.	13.	437.96	20.927	14.2	20.	58.	66.4
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/20/74-05/25/88	6	10.	8.333	10.	5.	6.667	2.582	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	34 ##	5.	10.941	110.	2.	349.512	18.695	5.	5.	10.	15.

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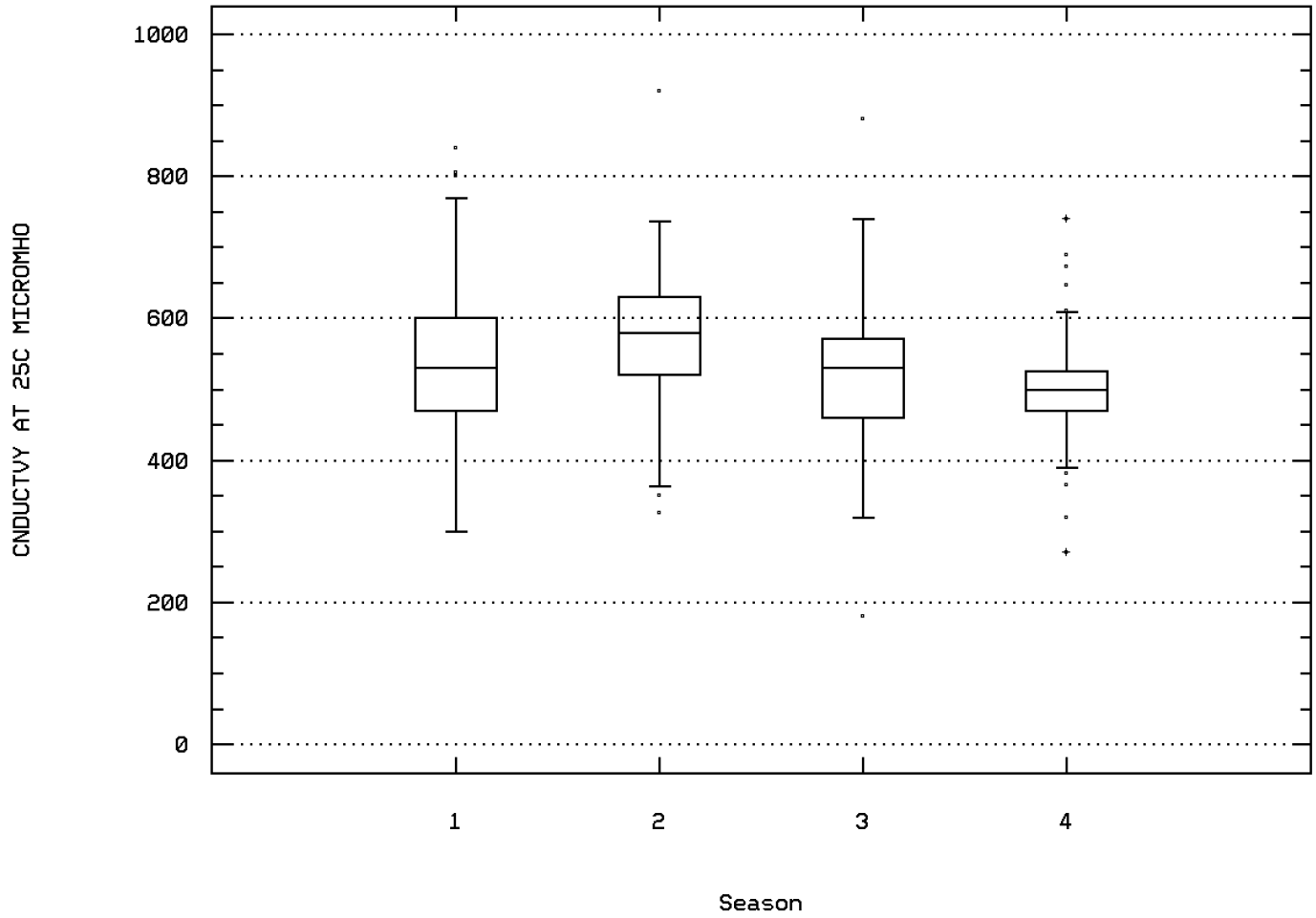
Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	8 ##	15.	15.	20.	10.	28.571	5.345	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-07/27/92	34	775.	873.529	2300.	490.	150484.135	387.923	510.	600.	1000.	1450.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-12/18/85	22	15.	18.409	50.	5.	158.063	12.572	5.	10.	22.5	40.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-08/15/91	10	85.	92.	130.	70.	351.111	18.738	71.	80.	110.	128.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-09/24/80	22	12000.	11445.455	29000.	1000.	69599740.26	8342.646	1000.	3350.	16250.	25100.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-09/24/80	22	4.073	3.875	4.462	3.	0.233	0.483	3.	3.51	4.211	4.399
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7495.885								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	43	250.	1041.186	20000.	10.	9658234.774	3107.77	40.	110.	740.	2000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	43	2.398	2.44	4.301	1.	0.442	0.664	1.602	2.041	2.869	3.287
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			275.282								
47501	WEATHER AT TIME OF SAMPLING	05/20/86-06/24/92	9	13026.	24019.889	81203.	6.	580429239.361	24092.099	6.	12266.	31320.5	81203.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: INDU0169 Parameter Code: 00095

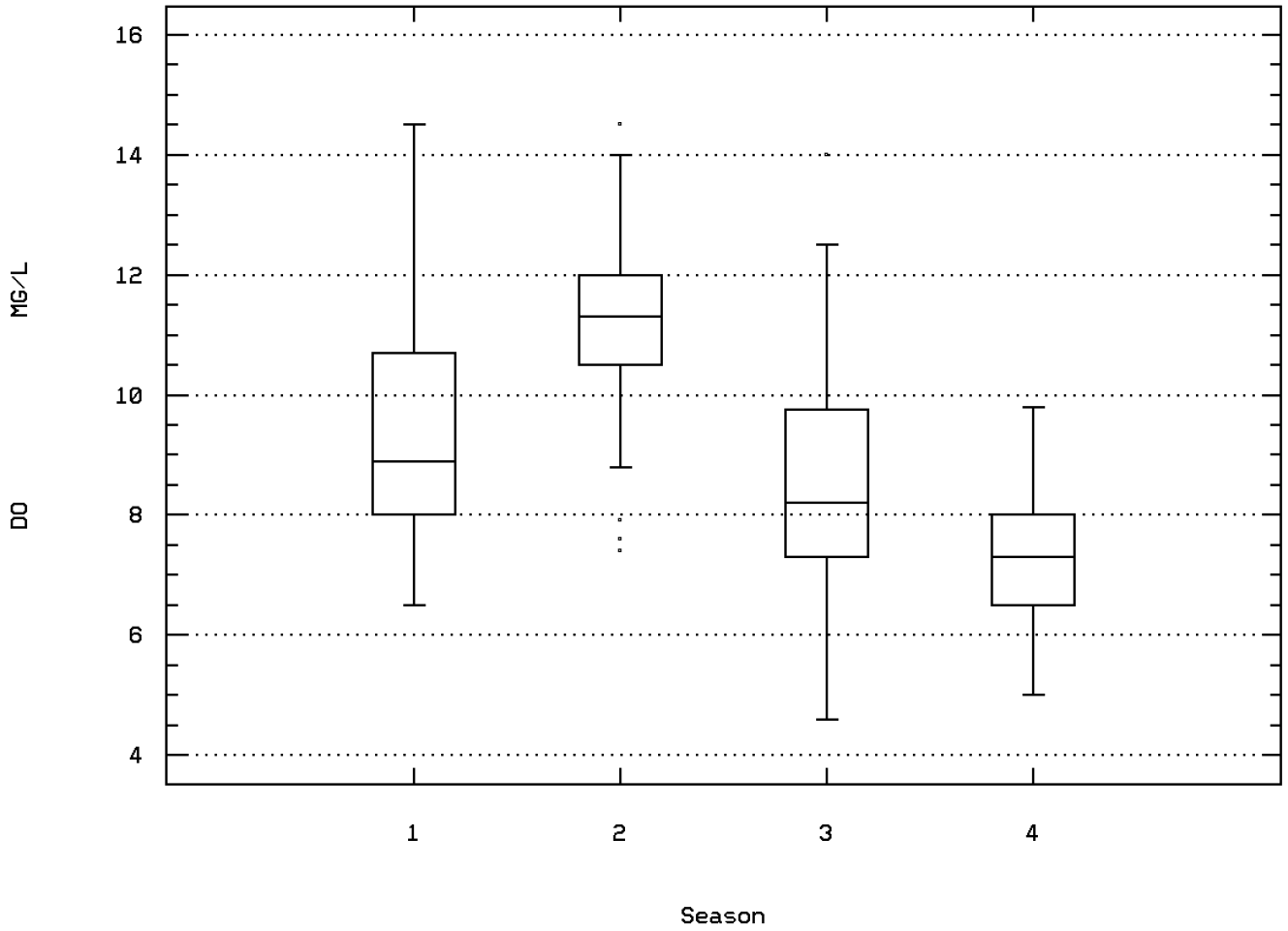
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00300

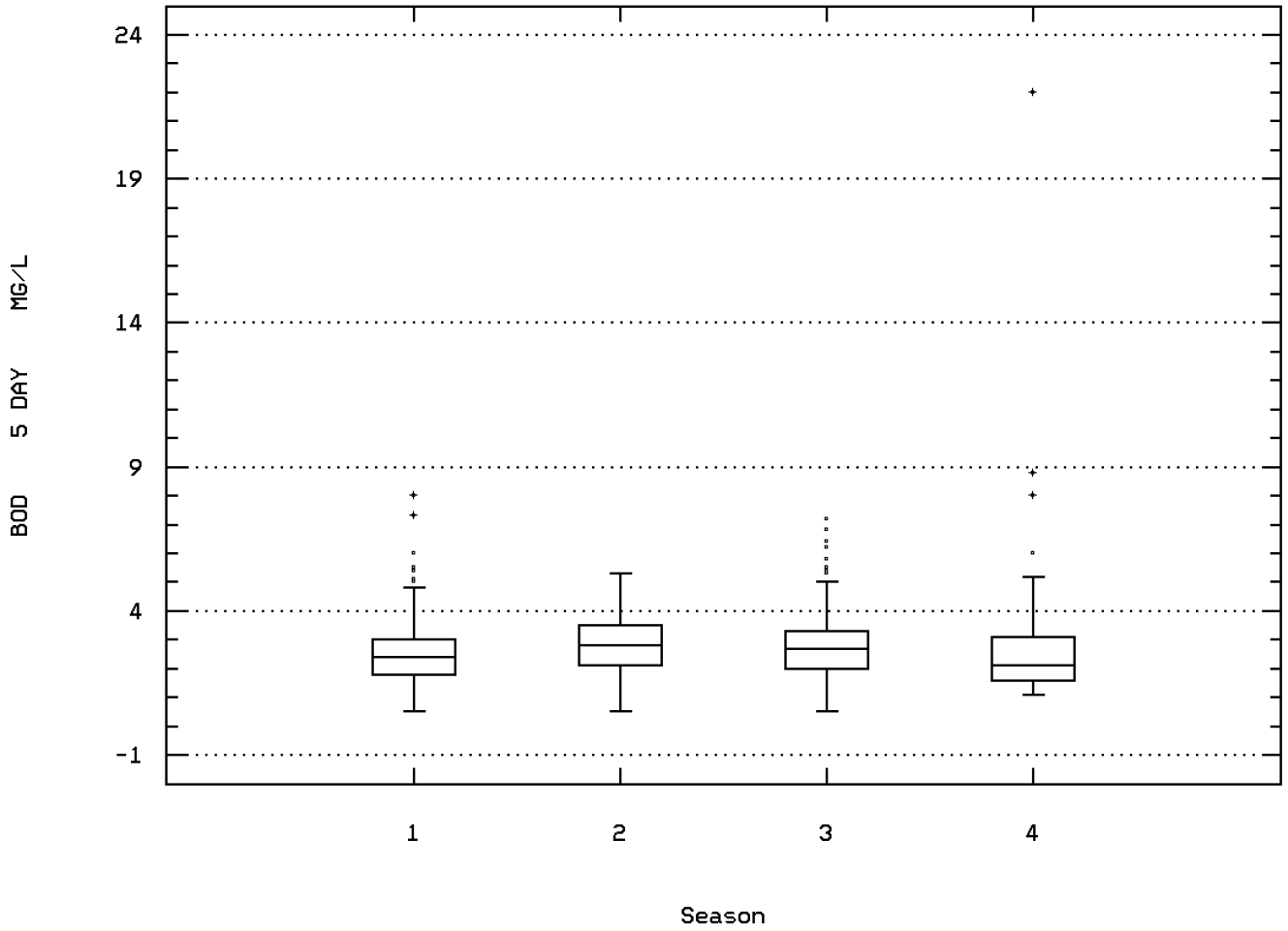
OXYGEN, DISSOLVED



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00310

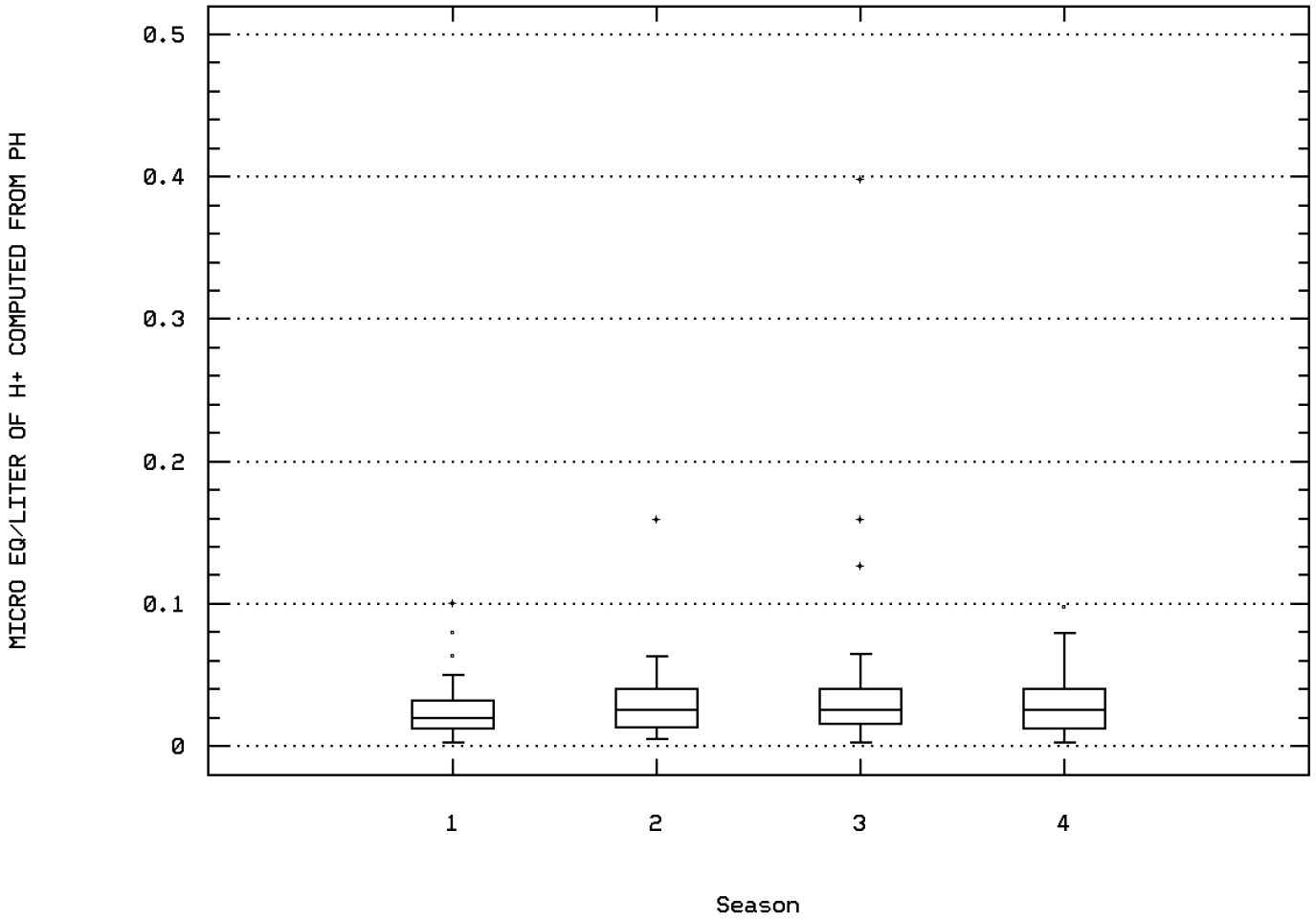
BOD, 5 DAY, 20 DEG C



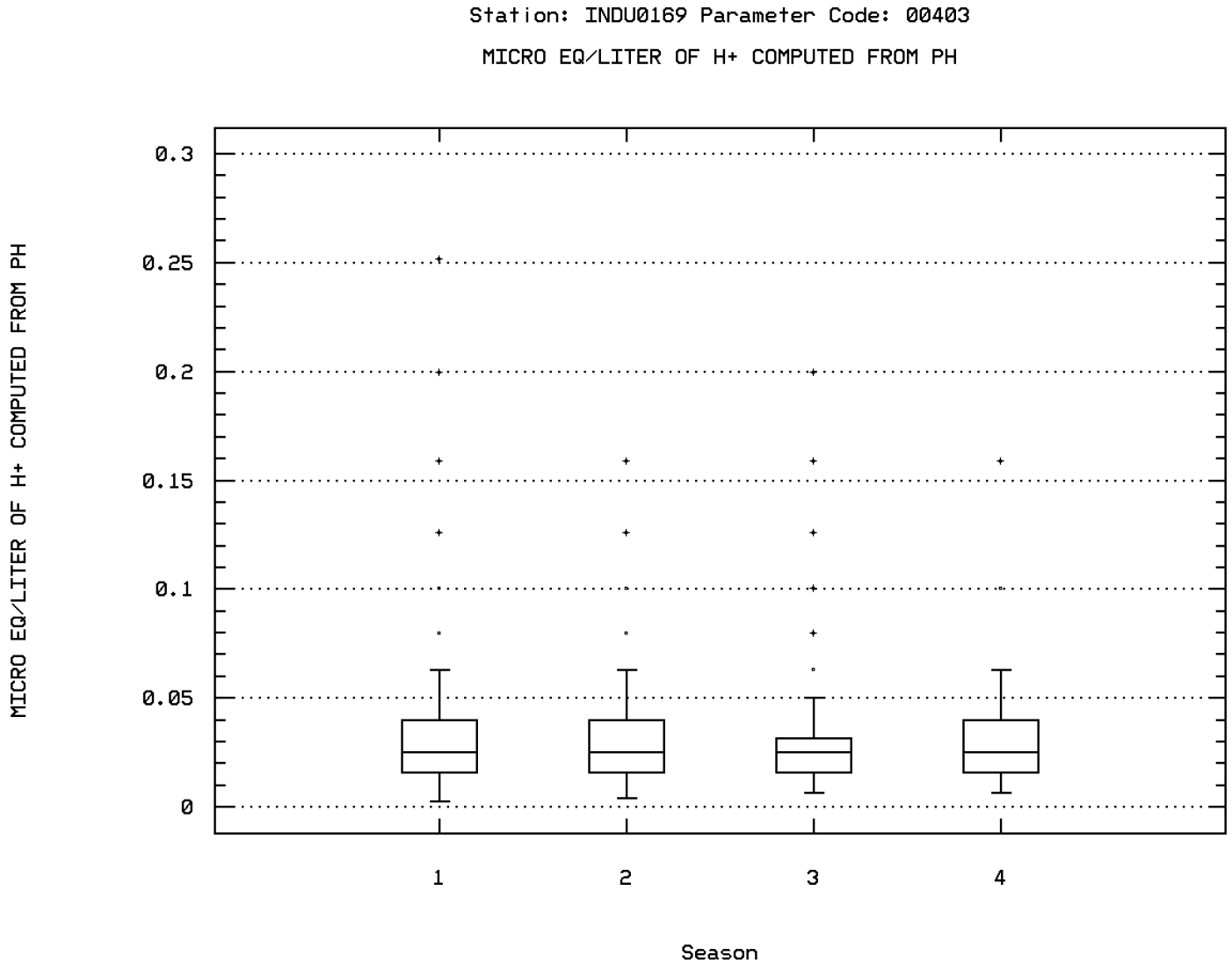
BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00400

MICRO EQ/LITER OF H+ COMPUTED FROM PH



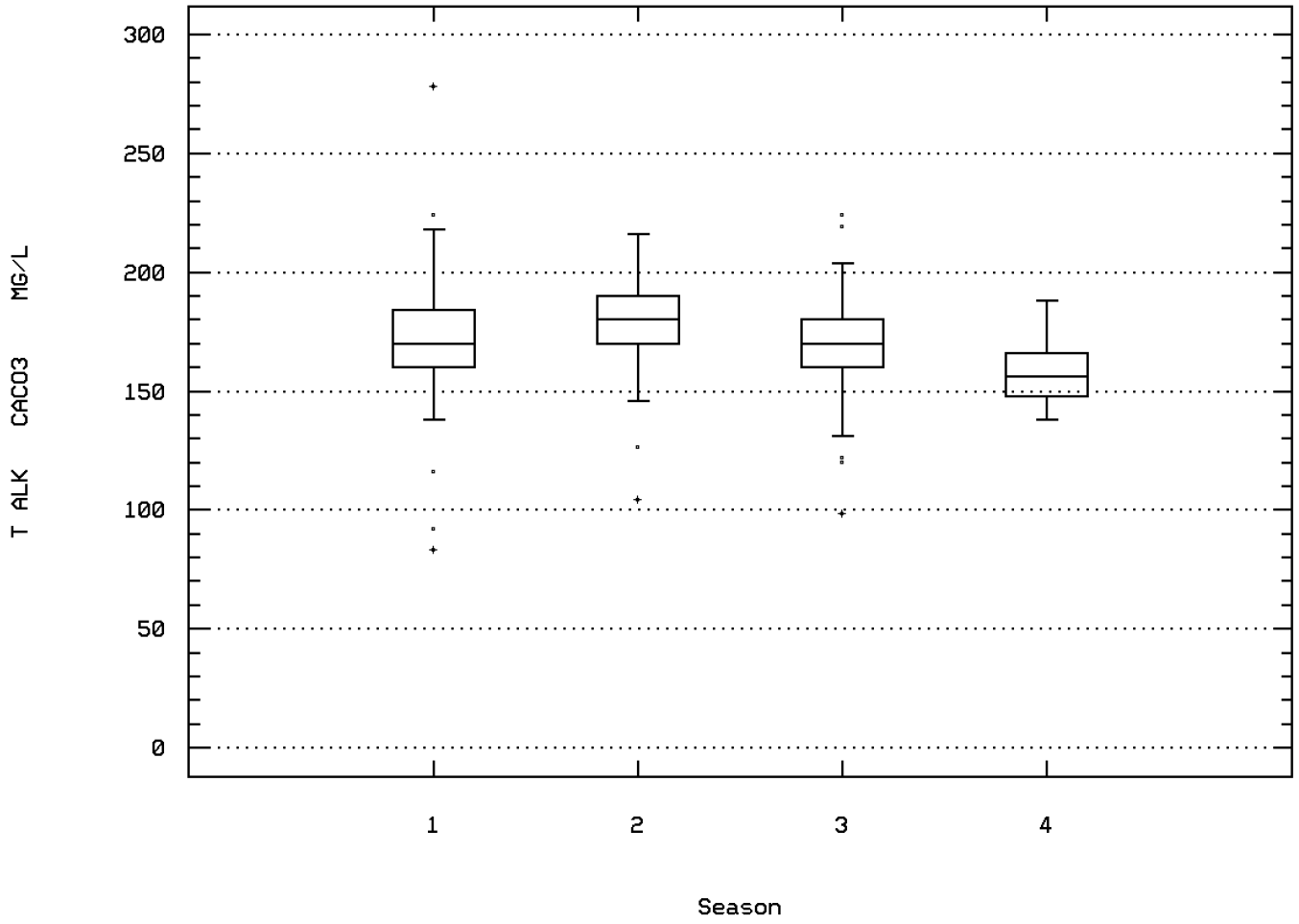
BURNS D CRISMAN RD SR249 1.48MI FROM LK



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00410

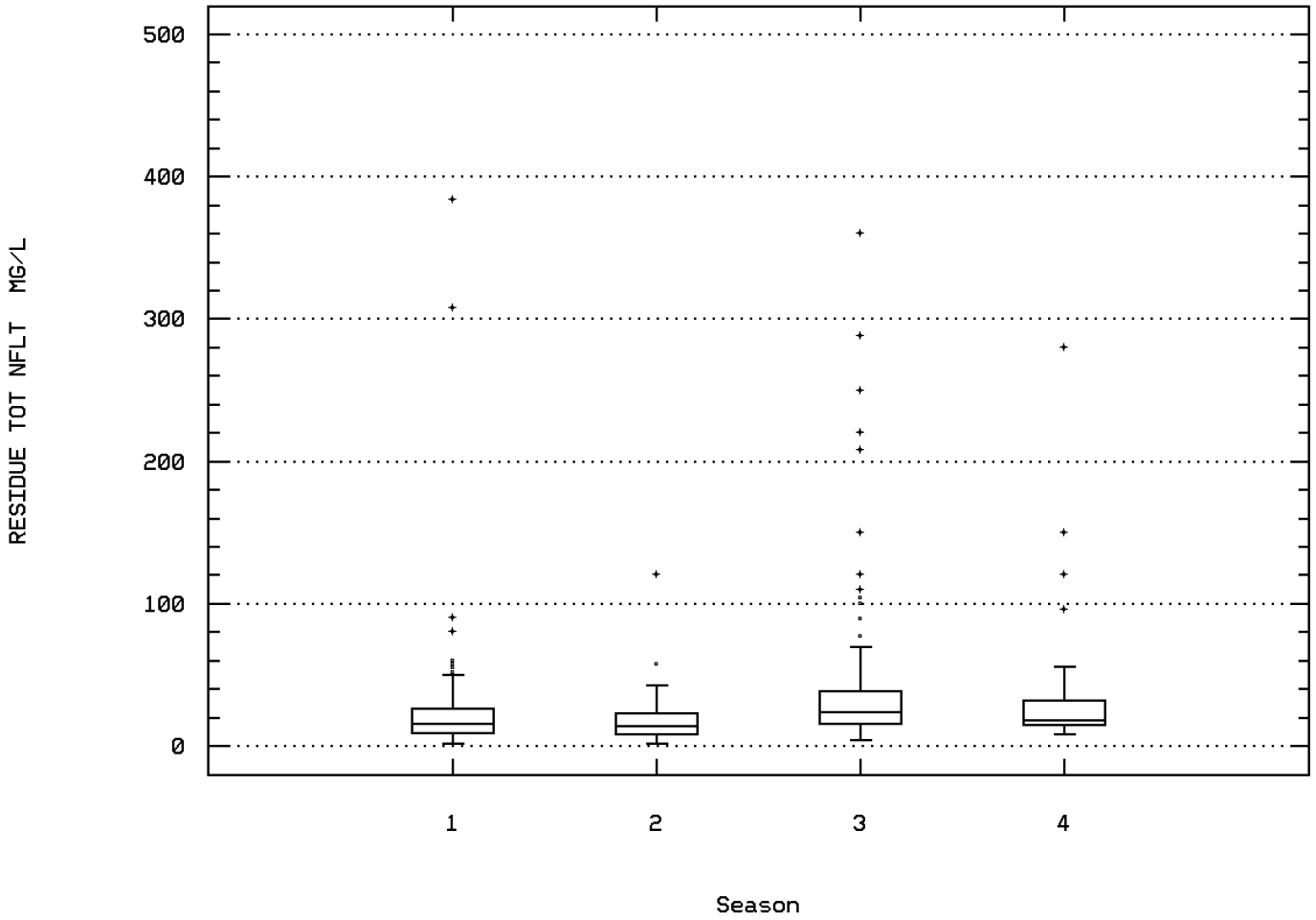
ALKALINITY, TOTAL (MG/L AS CACO3)



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00530

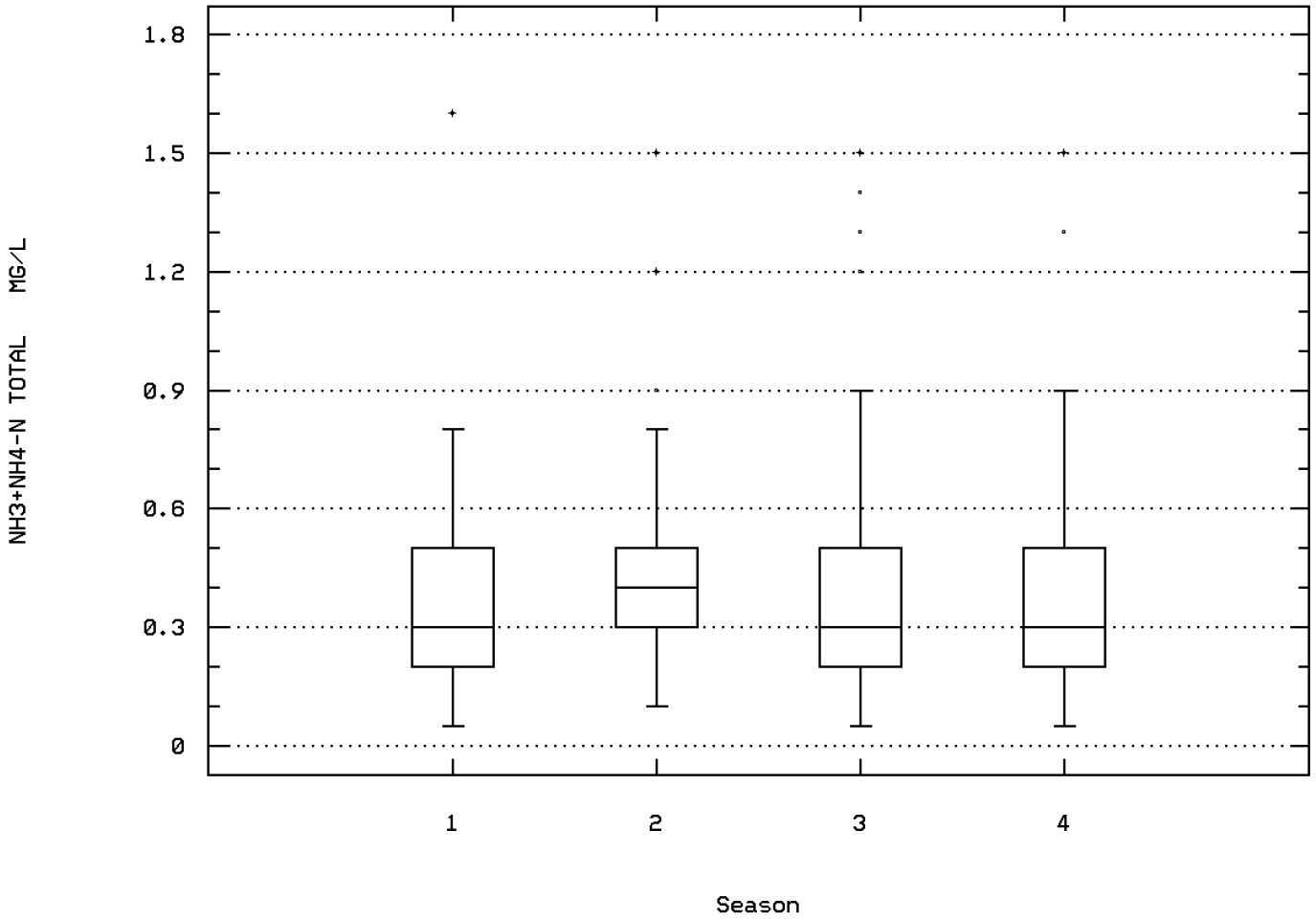
RESIDUE, TOTAL NONFILTRABLE (MG/L)



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00610

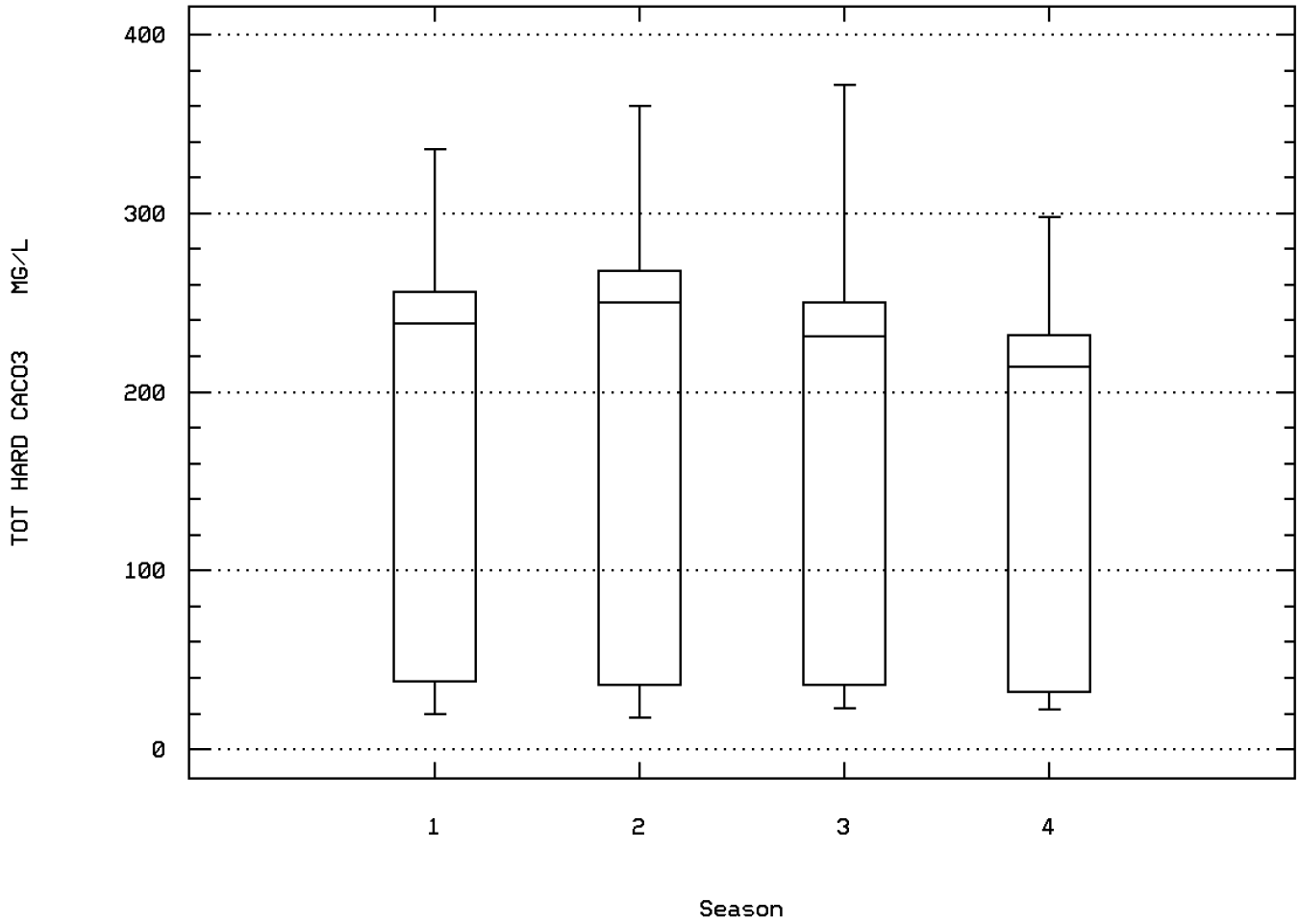
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00900

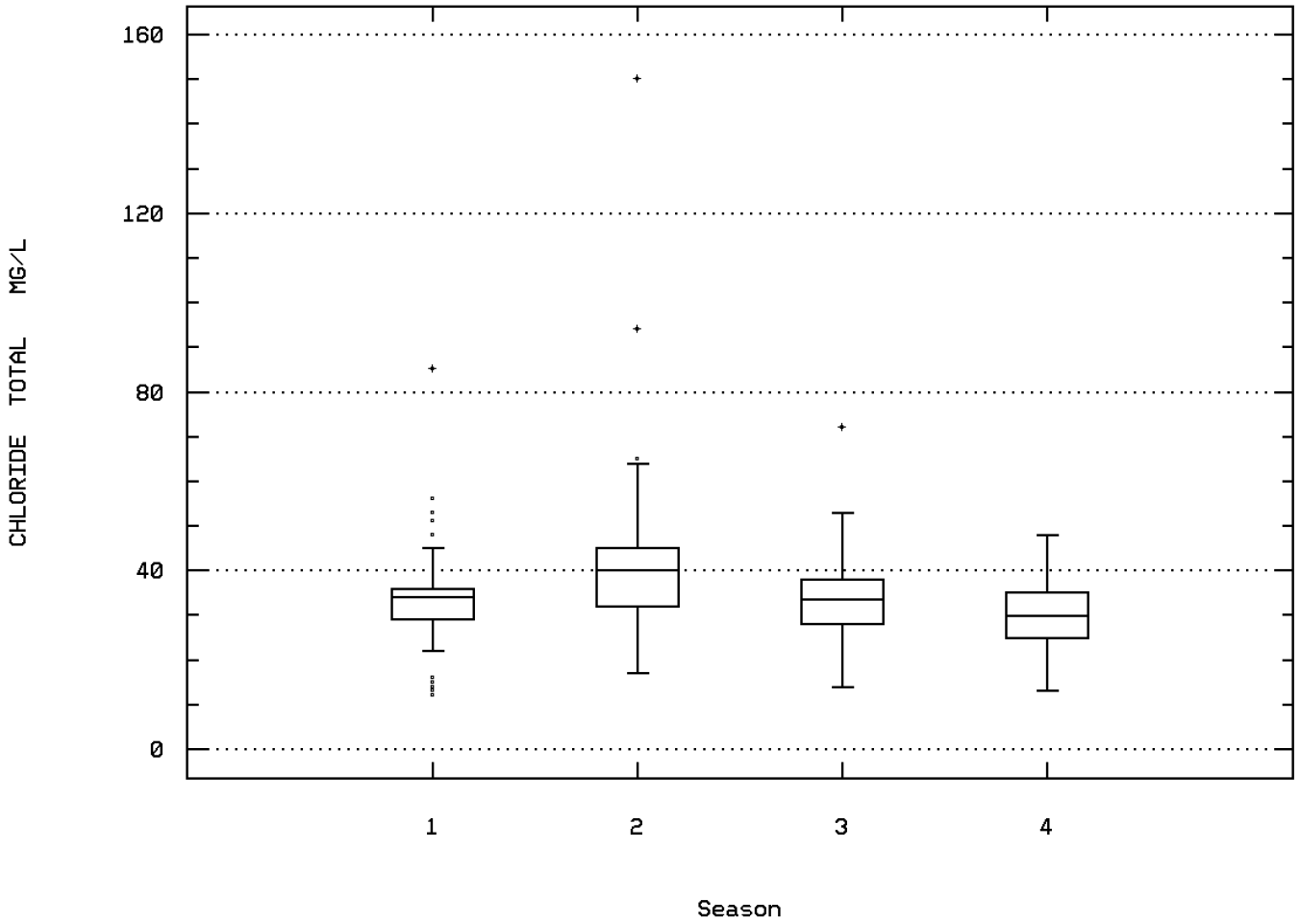
HARDNESS, TOTAL (MG/L AS CACO3)



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station: INDU0169 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



BURNS D CRISMAN RD SR249 1.48MI FROM LK

Station Inventory for Station: INDU0170

NPS Station ID: INDU0170
LAT/LON: 41.647226/ -87.174420
Agency: 11COEHUN
Date Created: 11/10/84
Location: BURNS WATERWAY RIVER MILE 0.8
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 6CHB30281
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 0
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001001100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM BURNS WATERWAY AND ADJACENT LAKE MICHIGAN. SEDIMENT WAS COLLECTED WITH A PONAR GRAB SAMPLER.

Parameter Inventory for Station: INDU0170

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0171

NPS Station ID: INDU0171
LAT/LON: 41.647226/ -87.174420
Agency: 11COECHI
Date Created: 08/14/82
Location: BURNS WATERWAY RIVER MILE 0.8
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 6CHB30281
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 0
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001001100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM BURNS WATERWAY AND ADJACENT LAKE MICHIGAN. SEDIMENT WAS COLLECTED WITH A PONAR GRAB SAMPLER.

Parameter Inventory for Station: INDU0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	07/08/81-07/08/81	1	12000.	12000.	12000.	12000.	0.	0.	**	**	**	**
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	07/08/81-07/08/81	1	24.2	24.2	24.2	24.2	0.	0.	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	07/08/81-07/08/81	1	24056.	24056.	24056.	24056.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	07/08/81-07/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	07/08/81-07/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	07/08/81-07/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	07/08/81-07/08/81	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/08/81-07/08/81	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/08/81-07/08/81	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/08/81-07/08/81	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/08/81-07/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0172

NPS Station ID: INDU0172 LAT/LON: 41.571366/ -87.175726 Agency: 11COECHI Date Created: 08/21/82
Location: LITTLE CALUMET R RM 1.4 (FROM LAKE MICHIGAN) FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CLI32079
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04040001012 RF1 Mile Point: 1.220 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 04040001055400.00 RF3 Mile Point: 0.06 Distance from RF3: 0.03 On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT CORPS OF ENGINEERS TO DETERMINE THE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM THE LITTLE CALUMET RIVER IN INDIANA. SEDIMENT WAS COLLECTED WITH A SPLIT SPOON SAMPLER. SAMPLE DEPTH IS RELATIVE TO MEAN SEA LEVEL. RIVER

Parameter Inventory for Station: INDU0172

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0173

NPS Station ID: INDU0173
LAT/LON: 41.630837/ -87.175837
Agency: 21INDN
Date Created: / /
Location: MIDWEST STEEL PORTAGE
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 314401 /IN0000337
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 28.520
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001000200.00
RF3 Mile Point: 3.85
Distance from RF3: 0.23
On/Off RF3:
Description:
INDUSTRIAL WASTE TREATMENT PLANT

Parameter Inventory for Station: INDU0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00058	FLOW, RATE GALLONS/MIN	01/02/72-05/31/73	480	3196.	3273.881	6600.	1490.	429770.652	655.569	2450.1	2839.	3707.5	4119.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	01/02/72-05/31/73	478 ##	12.5	12.495	12.5	10.	0.013	0.114	12.5	12.5	12.5	12.5
00300	OXYGEN, DISSOLVED MG/L	01/03/72-05/31/73	343	7.7	7.722	12.5	1.3	1.258	1.122	6.7	7.1	8.4	9.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/03/72-05/21/73	121	4.	3.801	9.4	0.	3.079	1.755	2.	3.	5.	6.
00400	PH (STANDARD UNITS)	01/02/72-05/31/73	478	7.8	7.783	9.7	1.	0.223	0.472	7.5	7.7	7.9	8.1
00400	CONVERTED PH (STANDARD UNITS)	01/02/72-05/31/73	478	7.8	3.678	9.7	1.	17.112	4.137	7.5	7.7	7.9	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/02/72-05/31/73	478	0.016	210.057	100000.	0.	20920476.225	4573.891	0.008	0.013	0.02	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/02/72-05/31/73	477	80.	81.151	166.	8.	157.822	12.563	67.8	74.	88.	95.
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/02/72-05/31/73	475	1.3	2.664	19.	0.05	9.167	3.028	0.5	0.5	4.	6.38
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/02/72-05/31/73	477 ##	0.05	0.067	0.4	0.005	0.002	0.044	0.05	0.05	0.05	0.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/02/72-05/31/73	475	380.	409.307	3448.	3.	44238.429	210.329	292.	322.	450.	528.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/02/72-05/31/73	476	411.	420.523	940.	75.	8272.309	90.952	324.	361.5	475.	535.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/02/72-05/31/73	477	0.9	1.111	7.8	0.1	0.735	0.858	0.42	0.6	1.3	1.9
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/02/72-05/31/73	477 ##	10.	23.843	520.	4.	2786.813	52.79	10.	10.	20.	40.
74010	IRON, TOTAL (MG/L AS FE)	01/02/72-05/31/73	478	0.2	0.264	3.5	0.005	0.074	0.272	0.05	0.1	0.3	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0173

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	478	0	0.00	125	0	0.00	105	0	0.00	189	0	0.00	59	0	0.00
00400	PH	Other-Hi Lim.	9.	478	3	0.01	125	0	0.00	105	2	0.02	189	0	0.00	59	1	0.02
		Other-Lo Lim.	6.5	478	2	0.00	125	0	0.00	105	1	0.01	189	1	0.01	59	0	0.00
00720	CYANIDE, TOTAL	Marine Acute	0.001	92 &	92	1.00	17	17	1.00	35	35	1.00	29	29	1.00	11	11	1.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0174

NPS Station ID: INDU0174 LAT/LON: 41.633142/ -87.176059 Agency: 11COECHI Date Created: 08/14/82
Location: LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 6CHB30481
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 3.70 On/Off RF1:
RF3 Index: 04040001001100.04 RF3 Mile Point: 0.39 Distance from RF3: 0.01 On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM BURNS WATERWAY AND ADJACENT LAKE MICHIGAN. SEDIMENT WAS COLLECTED WITH PONAR GRAB SAMPLER. THE ELEVATION OF THE SEDIMENT WATER INTER-

Parameter Inventory for Station: INDU0174

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	07/08/81-07/08/81	1	800.	800.	800.	800.	0.	0.	**	**	**	**
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	07/08/81-07/08/81	1	15.2	15.2	15.2	15.2	0.	0.	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	07/08/81-07/08/81	1	7253.	7253.	7253.	7253.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	07/08/81-07/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	07/08/81-07/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	07/08/81-07/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	07/08/81-07/08/81	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/08/81-07/08/81	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/08/81-07/08/81	1	3.	3.	3.	3.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/08/81-07/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0175

NPS Station ID: INDU0175
LAT/LON: 41.612226/ -87.175892
Agency: 11COEHUN
Date Created: 11/10/84
Location: BURNS DITCH RIVER MILE 2.3
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 6CBW31981
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04040001011
RF1 Mile Point: 1.010
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 040400010012 00.00
RF3 Mile Point: 0.14
Distance from RF3: 0.57
On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE THE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM THE CHICAGO BURNS WTWY IN ILLINOIS. SEDIMENT WAS COLLECTED WITH A SPLIT SPOON SAMPLER FROM SEVERAL DEPTHS AT EACH SITE. SAMPLES REPRESENT

Parameter Inventory for Station: INDU0175

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0176

NPS Station ID: INDU0176
LAT/LON: 41.612226/ -87.175892
Agency: 11COECHI
Date Created: 08/14/82
Location: BURNS DITCH RIVER MILE 2.3
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 6CBW31981
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04040001011
RF1 Mile Point: 1.010
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001200.00
RF3 Mile Point: 0.14
Distance from RF3: 0.57
On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE THE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM THE CHICAGO BURNS WTWY IN ILLINOIS. SEDIMENT WAS COLLECTED WITH A SPLIT SPOON SAMPLER FROM SEVERAL DEPTHS AT EACH SITE. SAMPLES REPRESENT

Parameter Inventory for Station: INDU0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	09/23/81-09/23/81	3	2750.	11476.667	30000.	1680.	257621633.333	16050.596	**	**	**	**
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/23/81-09/23/81	3	19.3	21.533	26.6	18.7	19.343	4.398	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	09/23/81-09/23/81	3	2280.	10446.667	27400.	1660.	215657733.333	14685.29	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/23/81-09/23/81	3	540.	426.667	590.	150.	58033.333	240.901	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/23/81-09/23/81	3 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	09/23/81-09/23/81	3	71.	98.5	212.	12.5	10517.25	102.554	**	**	**	**
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	09/23/81-09/23/81	3 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/23/81-09/23/81	3	15.	13.	17.	7.	28.	5.292	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	09/23/81-09/23/81	3	0.3	0.217	0.3	0.05	0.021	0.144	**	**	**	**
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/23/81-09/23/81	3	24800.	23800.	26500.	20100.	10990000.	3315.117	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/23/81-09/23/81	3	8400.	8000.	10000.	5600.	4960000.	2227.106	**	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	09/23/81-09/23/81	3	50.	66.667	100.	50.	833.333	28.868	**	**	**	**
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/23/81-09/23/81	3	300.	233.333	300.	100.	13333.333	115.47	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/23/81-09/23/81	3	3.	2.5	4.	0.5	3.25	1.803	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/23/81-09/23/81	3 ##	2.5	10.333	26.	2.5	184.083	13.568	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/23/81-09/23/81	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/23/81-09/23/81	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/23/81-09/23/81	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/23/81-09/23/81	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/23/81-09/23/81	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/23/81-09/23/81	3	126.	124.667	131.	117.	50.333	7.095	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/23/81-09/23/81	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/23/81-09/23/81	3 ##	25.	34.667	54.	25.	280.333	16.743	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/23/81-09/23/81	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/23/81-09/23/81	3	1775.	2370.667	3953.	1384.	1916054.333	1384.216	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/23/81-09/23/81	3	19.	19.333	28.	11.	72.333	8.505	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/23/81-09/23/81	3	5150.	5280.	6680.	4010.	1794900.	1339.739	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	09/23/81-09/23/81	3	120.	120.	130.	110.	100.	10.	**	**	**	**
34678	2,3,7,8-TETRACHLORODIBENZO-P-DIOXINDRY WGTBOTUG/KG	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/23/81-09/23/81	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/23/81-09/23/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/23/81-09/23/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/23/81-09/23/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/23/81-09/23/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/23/81-09/23/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/23/81-09/23/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/23/81-09/23/81	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0177

NPS Station ID: INDU0177 LAT/LON: 41.633142/ -87.176059 Agency: 11COEHUN Date Created: 11/10/84
Location: LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 6CHB30481
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 3.70 On/Off RF1:
RF3 Index: 04040001001100.04 RF3 Mile Point: 0.39 Distance from RF3: 0.01 On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM BURNS WATERWAY AND ADJACENT LAKE MICHIGAN. SEDIMENT WAS COLLECTED WITH PONAR GRAB SAMPLER. THE ELEVATION OF THE SEDIMENT WATER INTER-

Parameter Inventory for Station: INDU0177

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0178

NPS Station ID: INDU0178 LAT/LON: 41.634587/ -87.176253 Agency: 11COECHI Date Created: 08/14/82
Location: LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 6CHB30681
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 4.40 On/Off RF1:
RF3 Index: 04040001000200.00 RF3 Mile Point: 0.01 Distance from RF3: 0.06 On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM BURNS WATERWAY AND ADJACENT LAKE MICHIGAN. SEDIMENT WAS COLLECTED WITH PONAR GRAB SAMPLER. THE ELEVATION OF THE SEDIMENT WATER INTER-

Parameter Inventory for Station: INDU0178

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	07/08/81-07/08/81	1	960.	960.	960.	960.	0.	0.	**	**	**	**
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	07/08/81-07/08/81	1	18.6	18.6	18.6	18.6	0.	0.	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	07/08/81-07/08/81	1	7873.	7873.	7873.	7873.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	07/08/81-07/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	07/08/81-07/08/81	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	07/08/81-07/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	07/08/81-07/08/81	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/08/81-07/08/81	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/08/81-07/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0179

NPS Station ID: INDU0179 LAT/LON: 41.622365/ -87.176227 Agency: 21IND Date Created: / /
Location: BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK MICHIGAN FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 171414 /BD 1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04040001011 RF1 Mile Point: 0.350 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 04040001001100.04 RF3 Mile Point: 0.37 Distance from RF3: 0.01 On/Off RF3:
Description:
THIS MONITORING STATION IS LOCATED AT MIDWEST STEEL TRUCK BRIDGE, BURNS DITCH AT PORTAGE. THE SAMPLES ARE TAKEN FROM MID-STREAM AND MID-DEPTH, 0.72 MI FROM MOUTH OF LAKE MICHIGAN.

Parameter Inventory for Station: INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	383	14.	13.433	28.6	0.	59.054	7.685	3.	6.	20.	24.
00023	SAMPLE WEIGHT IN POUNDS	09/02/80-11/02/88	50	1.57	4.254	18.27	0.26	23.719	4.87	0.552	1.005	7.265	12.422
00024	SAMPLE LENGTH IN INCHES	09/02/80-11/02/88	50	14.765	17.794	30.51	10.83	36.338	6.028	11.83	12.953	24.068	27.242
00060	FLOW, STREAM, MEAN DAILY CFS	01/13/70-12/07/70	22	108.	254.136	1940.	17.	215286.314	463.99	20.3	32.5	172.25	1020.2
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/30/69	102	22.5	31.755	110.	5.	626.405	25.028	10.	15.	40.	87.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	122	22.5	70.302	999.	1.	20512.373	143.221	8.	12.	56.	182.
00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/30/69	102	10.	11.324	30.	5.	46.498	6.819	5.	5.	15.	20.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	381	570.	577.667	3300.	300.	29964.912	173.104	446.8	510.	630.	700.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	382	8.7	8.84	14.5	1.8	4.25	2.062	6.4	7.2	10.4	11.5
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/30/69	98	86.	86.918	130.	44.	186.983	13.674	71.	77.75	95.	103.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	352	2.9	3.143	11.	0.5	1.883	1.372	1.8	2.4	3.7	4.6
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	135	20.	21.478	60.	0.5	98.641	9.932	11.6	15.	26.	35.
00400p	PH (STANDARD UNITS)	01/04/66-07/27/92	277	7.6	7.629	8.6	6.3	0.124	0.353	7.2	7.4	7.8	8.002
00400p	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	277	7.6	7.468	8.6	6.3	0.15	0.388	7.2	7.4	7.8	8.002
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	277	0.025	0.034	0.501	0.003	0.002	0.047	0.01	0.016	0.04	0.063
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	365	7.6	7.554	8.5	6.7	0.099	0.314	7.1	7.4	7.8	7.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	365	7.6	7.434	8.5	6.7	0.113	0.336	7.1	7.4	7.8	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	365	0.025	0.037	0.2	0.003	0.001	0.032	0.013	0.016	0.04	0.079
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	259	176.	173.432	280.	88.	541.929	23.279	146.	162.	188.	198.
00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	132	410.	409.856	648.	301.	3329.605	57.703	339.3	372.5	440.	468.7
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/30/69	102	25.5	30.216	114.	4.	337.854	18.381	13.	19.	36.25	51.7
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	01/04/66-12/20/66	26	8.5	9.923	24.	0.	41.594	6.449	2.	5.5	14.25	21.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	291	24.	36.412	440.	2.	2091.071	45.728	8.2	14.	40.	74.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	204	7.	8.784	99.	1.	78.091	8.837	2.	4.	11.	16.5
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	05/20/86-03/03/88	7	3.	2.814	4.	1.	1.241	1.114	**	**	**	**
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	10/21/82-11/15/89	47	2.8	3.513	8.	0.5	3.58	1.892	1.74	2.3	4.8	6.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	291	0.4	0.484	1.8	0.05	0.088	0.297	0.2	0.3	0.6	0.9
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	144	0.9	1.165	4.	0.2	0.494	0.703	0.5	0.7	1.5	2.15
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	144	1.	1.086	2.5	0.3	0.136	0.369	0.7	0.8	1.3	1.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	248	1.1	1.297	3.2	0.5	0.3	0.548	0.7	0.9	1.6	2.2
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/13/72	142	0.9	1.097	8.	0.2	0.888	0.942	0.5	0.7	1.2	1.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	245	0.12	0.227	2.3	0.015	0.103	0.321	0.06	0.085	0.19	0.42
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	58	6.65	7.434	15.4	3.4	8.984	2.997	4.18	5.575	9.825	12.24

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	132 ##	0.003	0.004	0.035	0.003	0.	0.004	0.003	0.003	0.005	0.006
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	261	240.	193.908	364.	16.	12334.307	111.06	28.	35.	276.	299.6
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/27/92	54	171.	165.037	208.	39.	815.131	28.55	138.	157.	182.	190.
00920	MAGNESIUM (MG/L AS CACO3)	01/28/81-12/18/85	51	84.	85.235	124.	21.	385.624	19.637	55.6	78.	98.	110.
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	120	23.	23.536	57.	5.7	42.462	6.516	17.	19.	27.	30.
00937	POTASSIUM, TOTAL MG/L AS K)	01/28/81-12/18/85	53	3.9	4.119	7.5	2.5	0.874	0.935	3.2	3.55	4.5	4.96
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	311	39.	39.469	156.	6.	181.534	13.473	25.	31.	46.	53.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	224	59.	53.069	115.	2.5	518.247	22.765	22.5	27.25	71.	80.5
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	132	0.4	0.423	0.8	0.1	0.015	0.121	0.3	0.3	0.5	0.6
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-06/24/92	105	5.3	5.217	16.2	0.05	8.214	2.866	0.86	3.	7.	8.16
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	132	1.	1.486	8.	0.7	0.863	0.929	0.8	1.	2.	2.
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/03/80-09/25/86	7	0.13	0.19	0.5	0.04	0.028	0.168	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/27/92	74	30.	36.081	70.	20.	92.651	9.626	30.	30.	40.	45.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	03/29/89-07/27/92	13 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	133 ##	1.	1.34	5.	0.1	0.403	0.635	1.	1.	2.	2.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	135 ##	5.	6.578	23.	5.	8.305	2.882	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	133 ##	5.	7.85	40.	2.	42.856	6.546	5.	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	133	5.	5.436	20.	2.	8.005	2.829	2.	4.	6.	8.
01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	133	1100.	1639.323	17000.	400.	5116510.902	2261.971	626.	820.	1500.	3060.
01046	IRON, DISSOLVED (UG/L AS FE)	05/20/86-06/25/91	48	90.	139.688	1000.	25.	21421.709	146.362	60.	70.	155.	281.
01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	133	10.	9.241	38.	3.	35.517	5.96	3.	5.	10.	18.6
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	131	120.	139.695	620.	30.	6246.06	79.032	80.	100.	170.	210.
01059	THALLIUM, TOTAL (UG/L AS TL)	03/29/89-07/27/92	13 ##	10.	9.385	10.	2.	4.923	2.219	5.2	10.	10.	10.
01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	132 ##	5.	5.348	12.	2.	11.755	3.429	2.	2.	10.	10.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/27/92	74 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	132	20.	21.136	120.	10.	240.684	15.514	10.	10.	20.	37.
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/29/89-07/27/92	13 ##	0.35	0.523	2.	0.25	0.216	0.464	0.29	0.35	0.525	1.48
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/27/92	73	0.6	1.477	60.	0.2	48.44	6.96	0.25	0.25	0.95	1.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-12/18/85	168	17500.	27562.202	260000.	150.	1098449296.318	33142.862	2950.	7000.	38000.	70000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-12/18/85	168	4.243	4.166	5.415	2.176	0.289	0.537	3.469	3.845	4.58	4.845
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14641.749								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	230	545.	1816.948	54000.	5.	21618291.168	4649.547	71.	200.	2125.	4300.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	230	2.736	2.74	4.732	0.699	0.523	0.723	1.851	2.301	3.327	3.633
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			549.038								
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	50	200.	1007.01	9900.	0.5	3744497.821	1935.07	21.	100.	687.5	3700.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	50	2.301	2.37	3.996	-0.301	0.701	0.837	1.319	2.	2.826	3.567
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			234.514								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32104	BROMOFORM,WHOLE WATER,UG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32106	CHLOROFORM,WHOLE WATER,UG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	131 ##	2.5	57.046	7000.	2.5	373662.863	611.28	2.5	2.5	5.	5.
32732	PHENOLICS,DISSOLVED,UG/L	03/29/89-04/22/92	11 ##	2.1	2.1	2.1	2.1	0.	0.	2.1	2.1	2.1	2.1
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/29/89-04/22/92	11 ##	0.75	0.75	0.75	0.75	0.	0.	0.75	0.75	0.75	0.75
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34200	ACENAPHTHYLENE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34204	ACENAPHTHYLENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34209	ACENAPHTHENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34220	ANTHRACENE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34224	ANTHRACENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	03/29/89-04/22/92	11 ##	1.25	1.25	1.25	1.25	0.	0.	1.25	1.25	1.25	1.25
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34238	BENZENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.009	0.009	0.015	0.003	0.	0.009	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	03/29/89-04/22/92	11 ##	1.25	1.25	1.25	1.25	0.	0.	1.25	1.25	1.25	1.25
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	03/29/89-04/22/92	11 ##	1.75	1.75	1.75	1.75	0.	0.	1.75	1.75	1.75	1.75
34251	BENZO-A-PYRENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34258	B-BHC-BETA WET WGTTISMG/KG	09/16/82-11/02/88	13	0.004	0.023	0.127	0.001	0.002	0.044	0.001	0.001	0.014	0.122
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/29/89-04/22/92	11 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	09/24/86-11/02/88	7 ##	0.004	0.005	0.02	0.001	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	03/29/89-04/22/92	11 ##	0.75	0.75	0.75	0.75	0.	0.	0.75	0.75	0.75	0.75
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	03/29/89-04/22/92	11 ##	0.75	0.75	0.75	0.75	0.	0.	0.75	0.75	0.75	0.75
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	03/29/89-04/22/92	11 ##	2.25	2.25	2.25	2.25	0.	0.	2.25	2.25	2.25	2.25
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34291	BROMOFORM WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	03/29/89-04/22/92	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34305	CHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34315	CHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34319	CHLOROFORM WET WGTTISMG/KG	11/02/88-11/02/88	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	03/29/89-04/22/92	11 ##	1.75	1.75	1.75	1.75	0.	0.	1.75	1.75	1.75	1.75
34324	CHRYSENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	03/29/89-04/22/92	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.01	0.023	0.05	0.01	0.001	0.023	**	**	**	**
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.01	0.023	0.05	0.01	0.001	0.023	**	**	**	**
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.01	0.023	0.05	0.01	0.001	0.023	**	**	**	**
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.005	0.012	0.025	0.005	0.	0.012	**	**	**	**
34375	ETHYLBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	2	0.021	0.021	0.021	0.02	0.	0.001	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34380	FLUORANTHENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34381	FLUORENE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34385	FLUORENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	03/29/89-04/22/92	11 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	03/29/89-04/22/92	11 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34400	HEXACHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	03/29/89-04/22/92	11 ##	1.75	1.75	1.75	1.75	0.	0.	1.75	1.75	1.75	1.75
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34408	ISOPHORONE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34412	ISOPHORONE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34417	METHYL BROMIDE WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34422	METHYL CHLORIDE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	03/29/89-04/22/92	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
34427	METHYLENE CHLORIDE WET WGTTISMG/KG	11/02/88-11/02/88	3	0.007	0.007	0.011	0.003	0.	0.004	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	03/29/89-04/22/92	11 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34446	NAPHTHALENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34447	NITROBENZENE TOTWUG/L	03/29/89-04/22/92	11 ##	1.25	1.25	1.25	1.25	0.	0.	1.25	1.25	1.25	1.25
34451	NITROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34465	PHENANTHRENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34468	PHENOL WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34469	PYRENE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34473	PYRENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34484	TOLUENE WET WGTTISMG/KG	11/02/88-11/02/88	3	0.04	0.035	0.056	0.01	0.001	0.023	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34496	1,1-DICHLOROETHANE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34501	1,1-DICHLOROETHYLENE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	1.018	3.7	0.5	1.354	1.163	0.5	0.5	0.5	3.56
34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	2	0.073	0.073	0.13	0.015	0.007	0.081	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	03/29/89-04/22/92	11 ##	1.75	1.75	1.75	1.75	0.	0.	1.75	1.75	1.75	1.75
34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	03/29/89-04/22/92	11 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	03/29/89-04/22/92	11 ##	1.75	1.75	1.75	1.75	0.	0.	1.75	1.75	1.75	1.75
34566	1,3-DICHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	03/29/89-04/22/92	11 ##	1.9	1.9	1.9	1.9	0.	0.	1.9	1.9	1.9	1.9
34590	2-CHLOROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34595	2-NITROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	03/29/89-04/22/92	11 ##	0.75	63.409	690.	0.75	43187.778	207.817	0.75	0.75	0.75	552.15
34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	11/02/88-04/22/92	13 ##	2.4	2.156	2.4	0.33	0.393	0.627	0.718	2.4	2.4	2.4
34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	03/29/89-04/22/92	11 ##	2.4	2.4	2.4	2.4	0.	0.	2.4	2.4	2.4	2.4
34611	2,4-DINITROTOLUENE TOTWUG/L	03/29/89-04/22/92	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	03/29/89-04/22/92	11 ##	0.8	0.8	0.8	0.8	0.	0.	0.8	0.8	0.8	0.8
34620	2,4-DINITROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	4.05	4.05	6.5	1.6	12.005	3.465	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	03/29/89-04/22/92	11 ##	3.1	3.1	3.1	3.1	0.	0.	3.1	3.1	3.1	3.1
34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	03/29/89-04/22/92	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	1.65	1.65	2.65	0.65	2.	1.414	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	03/29/89-04/22/92	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	03/29/89-04/22/92	11 ##	0.75	0.75	0.75	0.75	0.	0.	0.75	0.75	0.75	0.75
34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	03/29/89-04/22/92	11 ##	2.7	2.7	2.7	2.7	0.	0.	2.7	2.7	2.7	2.7
34650	4-NITROPHENOL WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	4.05	4.05	6.5	1.6	12.005	3.465	**	**	**	**
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	11/02/88-11/02/88	2 ##	4.05	4.05	6.5	1.6	12.005	3.465	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	11/02/88-11/02/88	3 ##	0.008	0.013	0.024	0.008	0.	0.009	**	**	**	**
34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	09/16/82-11/02/88	5 ##	0.005	0.011	0.025	0.001	0.	0.01	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	09/03/80-11/02/88	11	0.055	0.114	0.6	0.001	0.032	0.178	0.002	0.009	0.17	0.53
34687	HEPTACHLOR WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.008	0.013	0.024	0.008	0.	0.009	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	09/03/80-11/02/88	16	0.038	0.124	1.3	0.001	0.105	0.323	0.001	0.001	0.055	0.621
34691	TOXAPHENE WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.005	0.012	0.025	0.005	0.	0.012	**	**	**	**
34692	TRICHLOROETHYLENE WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34693	VINYL CHLORIDE WET WGTTISMG/KG	11/02/88-11/02/88	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	11/02/88-11/02/88	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	11/02/88-11/02/88	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34705	CIS-1,3-DICHLOROPROPENE DISSOLVED IN WATER UG/L	03/29/89-03/29/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/10/69-02/10/69	1	13.	13.	13.	13.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	11 ##	0.9	0.9	0.9	0.9	0.	0.	0.9	0.9	0.9	0.9
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	11/02/88-11/02/88	2 ##	4.05	4.05	6.5	1.6	12.005	3.465	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	09/03/80-11/02/88	17	0.108	0.403	3.089	0.004	0.546	0.739	0.004	0.018	0.557	1.175
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	09/03/80-11/02/88	17	0.064	0.387	2.487	0.004	0.416	0.645	0.004	0.024	0.62	1.353
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	09/03/80-09/25/86	8	0.115	0.305	1.628	0.003	0.296	0.544	**	**	**	**
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	09/03/80-09/25/86	14	0.197	0.238	0.756	0.005	0.056	0.236	0.006	0.012	0.435	0.646
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	09/03/80-11/02/88	17	0.006	0.026	0.139	0.001	0.001	0.036	0.002	0.003	0.038	0.085
39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	09/16/82-09/25/86	10	0.009	0.069	0.408	0.001	0.019	0.137	0.001	0.002	0.07	0.389
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	07/24/74-04/22/92	27	0.5	26.082	650.	0.25	15576.236	124.805	0.25	0.5	0.75	20.2
39105	PERCENT FAT HEXANE EXTRACTION	09/03/80-11/02/88	10	4.25	9.14	22.6	1.9	82.329	9.074	1.94	2.525	21.725	22.55
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
39302	P P DDT IN TISSUE WET WGT (UG/G)	09/03/80-11/02/88	8	0.008	0.018	0.07	0.002	0.001	0.023	**	**	**	**
39303	P P DDT IN TISSUE, FAT BASIS (UG/G)	09/03/80-09/25/86	5	0.14	0.24	0.55	0.09	0.038	0.194	**	**	**	**
39307	O P DDT IN TISSUE WET WGT (UG/G)	11/02/88-11/02/88	3 ##	0.005	0.012	0.025	0.005	0.	0.012	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	09/03/80-09/25/86	7	0.05	0.097	0.26	0.02	0.009	0.097	**	**	**	**
39313	P P DDD IN TISSUE, FAT BASIS (UG/G)	09/03/80-09/25/86	7	1.25	1.237	1.45	0.92	0.03	0.174	**	**	**	**
39317	P,P' DDT IN FISH OR ANIMAL BY WET WEIGHT UG/KG	11/02/88-11/02/88	3	0.11	0.117	0.21	0.03	0.008	0.09	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/03/80-11/02/88	10	0.175	0.406	1.76	0.04	0.279	0.528	0.043	0.07	0.633	1.648
39323	P P DDE IN TISSUE, FAT BASIS (UG/G)	09/03/80-09/25/86	7	2.88	3.84	7.95	2.24	3.748	1.936	**	**	**	**
39325	O,P DDD IN TISSUE WET WGT (UG/G)	11/02/88-11/02/88	3 ##	0.005	0.012	0.025	0.005	0.	0.012	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	11 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/29/89-04/22/92	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/29/89-04/22/92	11 ##	0.015	0.015	0.015	0.015	0.	0.	0.015	0.015	0.015	0.015
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/29/89-04/22/92	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/29/89-04/22/92	11 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	11 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	11 ##	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	11 ##	0.04	0.04	0.04	0.04	0.	0.	0.04	0.04	0.04	0.04
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/03/80-11/02/88	8	0.03	0.103	0.31	0.007	0.015	0.123	**	**	**	**
39405	DIELDRIN IN TISSUE, FAT BASIS (UG/G)	09/03/80-09/25/86	5	0.55	0.742	1.39	0.39	0.167	0.408	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	11 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	11 ##	0.01	0.012	0.03	0.01	0.	0.006	0.01	0.01	0.01	0.026
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	11 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	11 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	11 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	11 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	11 ##	0.5	0.386	0.5	0.25	0.017	0.131	0.25	0.25	0.5	0.5
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	11 ##	0.5	0.386	0.5	0.25	0.017	0.131	0.25	0.25	0.5	0.5
39515	PCBS (MG/KG) FISH TISSUE MG/KG	09/03/80-11/02/88	17	3.741	7.912	28.767	0.16	78.209	8.844	0.287	0.449	15.787	21.253
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	07/24/74-08/21/85	23	0.01	0.132	1.	0.005	0.065	0.255	0.005	0.01	0.1	0.5
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/22/92	11 ##	2.6	2.6	2.6	2.6	0.	0.	2.6	2.6	2.6	2.6
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	03/29/89-04/22/92	11 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
39703	HEXACHLOROBENZENE IN FISH OR ANIMALS WET WGT UG/K	11/02/88-11/02/88	3 ##	5.	11.667	25.	5.	133.333	11.547	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	11/02/88-11/02/88	3 ##	0.004	0.009	0.02	0.004	0.	0.009	**	**	**	**
45511	XYLENE TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	3	0.092	0.076	0.11	0.026	0.002	0.044	**	**	**	**
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	67	30924.	31351.179	90012.	1.	462637808.695	21509.017	10410.8	12751.	42011.	70388.2
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	127	360.	358.134	870.	93.	5209.974	72.18	296.2	330.	390.	413.4
71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	132 ##	0.05	0.111	2.6	0.05	0.084	0.289	0.05	0.05	0.1	0.1
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/03/80-11/02/88	8	0.095	0.089	0.16	0.01	0.003	0.05	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/03/80-11/02/88	10	0.09	0.205	0.55	0.055	0.044	0.21	0.055	0.066	0.445	0.55
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/03/80-09/25/86	7	1.16	1.029	1.49	0.23	0.173	0.416	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/16/82-09/25/86	5	71.4	64.86	80.	24.4	537.868	23.192	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/03/80-09/25/86	7	0.41	0.423	0.82	0.1	0.056	0.236	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/03/80-11/02/88	10	0.055	0.142	0.91	0.005	0.075	0.275	0.005	0.013	0.125	0.833
76031	ACETONE TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	3	0.31	0.293	0.43	0.14	0.021	0.146	**	**	**	**
76050	METHYL ETHYL KETONE TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	3 ##	0.005	0.01	0.019	0.005	0.	0.008	**	**	**	**
76138	2-HEXANONE TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
76141	METHYL ISOBUTYL KETONE TISSUE,WET WGT,MG/KG	11/02/88-11/02/88	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
76164	STYRENE TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
76184	BENZYL ALCOHOL TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
76287	BENZOIC ACID TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	2 ##	4.05	4.05	6.5	1.6	12.005	3.465	**	**	**	**
76619	DIBENZOFURAN TISSUE ,WET WGT,MG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
77089	ANILINE WHOLE WATER,UG/L	03/29/89-04/22/92	11 ##	0.75	0.75	0.75	0.75	0.	0.	0.75	0.75	0.75	0.75
77147	BENZYL ALCOHOL WHOLE WATER,UG/L	03/29/89-04/22/92	11 ##	1.25	1.25	1.25	1.25	0.	0.	1.25	1.25	1.25	1.25
77247	BENZOIC ACID WHOLE WATER,UG/L	03/29/89-04/22/92	11 ##	0.85	0.85	0.85	0.85	0.	0.	0.85	0.85	0.85	0.85
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
77571	CARBAZOLE WHOLE WATER,UG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	03/29/89-04/22/92	11 ##	1.3	1.3	1.3	1.3	0.	0.	1.3	1.3	1.3	1.3
78113	ETHYL BENZENE WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
78211	ENDRIN KETONE IN FISH TISSUE WETWTMG/KG	11/02/88-11/02/88	3 ##	0.005	0.012	0.025	0.005	0.	0.012	**	**	**	**
78300	3-NITROANILINE, TOTAL, IN WATER UG/L	03/29/89-04/22/92	11 ##	1.25	1.25	1.25	1.25	0.	0.	1.25	1.25	1.25	1.25
78922	NONACHLOR, TRANS, TISSUE, WET WEIGHT MG/KG	11/02/88-11/02/88	3	0.02	0.03	0.06	0.01	0.001	0.026	**	**	**	**
78923	NONACHLOR, CIS, TISSUE, WET WEIGHT MG/KG	11/02/88-11/02/88	3	0.06	0.045	0.07	0.004	0.001	0.036	**	**	**	**
79040	DIBENZ(A,H)ANTHRACENE TISWETWTMG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
81551	XYLENE WHL WATER SMPL UG/L	03/29/89-04/22/92	11 ##	4.5	4.5	4.5	4.5	0.	0.	4.5	4.5	4.5	4.5
81552	ACETONE WHL WATER SMPL UG/L	03/29/89-04/22/92	11 ##	10.	15.	65.	10.	275.	16.583	10.	10.	10.	54.
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	03/29/89-04/22/92	11 ##	3.	5.636	28.	3.	56.455	7.514	3.	3.	3.	23.8
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	03/29/89-04/22/92	11 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/02/80-11/02/88	65	1.	1.892	5.	1.	2.754	1.659	1.	1.	1.	5.
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	11/02/88-11/02/88	3 ##	0.01	0.023	0.05	0.01	0.001	0.023	**	**	**	**
81648	PCB - 1016/1242 IN THE WHOLE WATER SMPL UG/L	03/29/89-04/22/92	11 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	03/29/89-04/22/92	9 ##	0.25	0.361	0.5	0.25	0.017	0.132	0.25	0.25	0.5	0.5
81760	O,P'-DDE IN FISH TISSUE WET WEIGHT MG/KG	11/02/88-11/02/88	3 ##	0.005	0.012	0.025	0.005	0.	0.012	**	**	**	**
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	09/03/80-11/02/88	17	0.006	0.047	0.232	0.001	0.006	0.077	0.001	0.004	0.064	0.208
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	09/03/80-11/02/88	17	0.022	0.1	0.882	0.002	0.044	0.21	0.003	0.004	0.096	0.332
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVERABLE, UG/L	03/29/89-04/22/92	11 ##	0.1	0.066	0.1	0.025	0.002	0.039	0.025	0.025	0.1	0.1
82624	ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE,UG/L	03/29/89-04/22/92	11 ##	0.05	0.039	0.05	0.025	0.	0.013	0.025	0.025	0.05	0.05
85759	NITROANILINE, 2- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	2 ##	4.05	4.05	6.5	1.6	12.005	3.465	**	**	**	**
85760	CHLORANILINE, 4- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
85761	VINYL ACETATE, TISSUE, WET WT, MG/KG	11/02/88-11/02/88	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
85762	NITROANILINE, 4- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	2 ##	4.05	4.05	6.5	1.6	12.005	3.465	**	**	**	**
85763	NITROANILINE, 3- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	2 ##	4.05	4.05	6.5	1.6	12.005	3.465	**	**	**	**
85764	TRICHLOROPHENOL, 2,4,5- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	2 ##	4.05	4.05	6.5	1.6	12.005	3.465	**	**	**	**
85765	METHYLNAPHTHALENE, 2- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
85766	METHYLPHENOL, 4- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	1 ##	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
85767	METHYLPHENOL, 2- , TISSUE, WET WT, MG/KG	11/02/88-11/02/88	2 ##	0.815	0.815	1.3	0.33	0.47	0.686	**	**	**	**
85768	CARBON DISULFIDE, TISSUE, WET WT, MG/KG	11/02/88-11/02/88	3	0.064	0.063	0.11	0.016	0.002	0.047	**	**	**	**
85810	DICHLOROETHYLENE, TRANS-1,2- , EFFLUENT UG/L	03/29/89-03/29/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0179

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	122	34	0.28	40	15	0.38	21	2	0.10	44	16	0.36	17	1	0.06
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	382	1	0.00	120	1	0.01	57	0	0.00	136	0	0.00	69	0	0.00
00400	PH	Other-Hi Lim.	9.	277	0	0.00	87	0	0.00	42	0	0.00	100	0	0.00	48	0	0.00
		Other-Lo Lim.	6.5	277	3	0.01	87	0	0.00	42	0	0.00	100	3	0.03	48	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	365	0	0.00	116	0	0.00	53	0	0.00	132	0	0.00	64	0	0.00
		Other-Lo Lim.	6.5	365	0	0.00	116	0	0.00	53	0	0.00	132	0	0.00	64	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0179

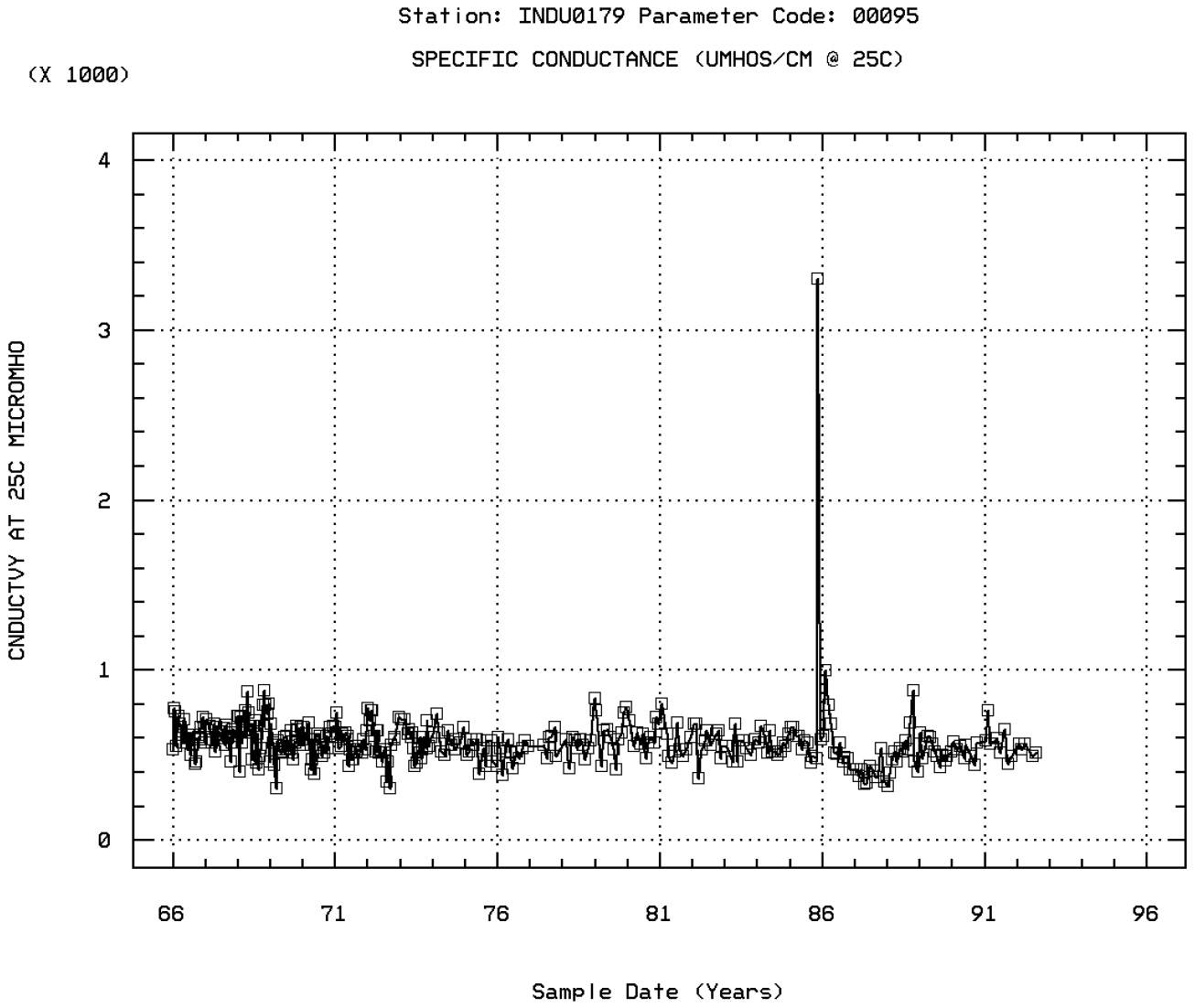
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	144	0	0.00	47	0	0.00	22	0	0.00	48	0	0.00	27	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	248	0	0.00	78	0	0.00	38	0	0.00	89	0	0.00	43	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	132	1	0.01	41	0	0.00	23	0	0.00	48	0	0.00	20	1	0.05
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	311	0	0.00	95	0	0.00	48	0	0.00	114	0	0.00	54	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	224	0	0.00	74	0	0.00	30	0	0.00	78	0	0.00	42	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	132	0	0.00	41	0	0.00	23	0	0.00	48	0	0.00	20	0	0.00
		Drinking Water	50.	132	0	0.00	41	0	0.00	23	0	0.00	48	0	0.00	20	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	74	0	0.00	23	0	0.00	12	0	0.00	27	0	0.00	12	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	13	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	132 &	1	0.01	41	0	0.00	23	1	0.04	48	0	0.00	20	0	0.00
		Drinking Water	5.	132 &	0	0.00	41	0	0.00	23	0	0.00	48	0	0.00	20	0	0.00
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	135	2	0.01	42	0	0.00	22	0	0.00	51	2	0.04	20	0	0.00
		Drinking Water	100.	135	0	0.00	42	0	0.00	22	0	0.00	51	0	0.00	20	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	133	0	0.00	40	0	0.00	23	0	0.00	50	0	0.00	20	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	132 &	0	0.00	41	0	0.00	23	0	0.00	48	0	0.00	20	0	0.00
		Drinking Water	1300.	133	0	0.00	41	0	0.00	23	0	0.00	48	0	0.00	21	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	133	0	0.00	41	0	0.00	23	0	0.00	49	0	0.00	20	0	0.00
		Drinking Water	5.	108 &	85	0.79	33	26	0.79	19	15	0.79	41	33	0.80	15	11	0.73
01059	THALLIUM, TOTAL	Fresh Acute	1400.	13	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	132	0	0.00	41	0	0.00	23	0	0.00	49	0	0.00	19	0	0.00
		Drinking Water	100.	132	0	0.00	41	0	0.00	23	0	0.00	49	0	0.00	19	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	50.	74	0	0.00	23	0	0.00	12	0	0.00	27	0	0.00	12	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	132	1	0.01	41	1	0.02	22	0	0.00	49	0	0.00	20	0	0.00
01097	ANTIMONY, TOTAL	Fresh Acute	88.	13	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	10.	13	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	73	1	0.01	22	1	0.05	12	0	0.00	27	0	0.00	12	0	0.00
		Drinking Water	50.	73	1	0.01	22	1	0.05	12	0	0.00	27	0	0.00	12	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	168	165	0.98	57	56	0.98	27	27	1.00	56	56	1.00	28	26	0.93
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	230	176	0.77	73	51	0.70	31	30	0.97	85	68	0.80	41	27	0.66
31648	E. COLI, MTEC, MF	Fresh Acute	126.	50	31	0.62	17	11	0.65	8	6	0.75	18	11	0.61	7	3	0.43
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	5.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	5.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	100.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	1000.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
34386	HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	5.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

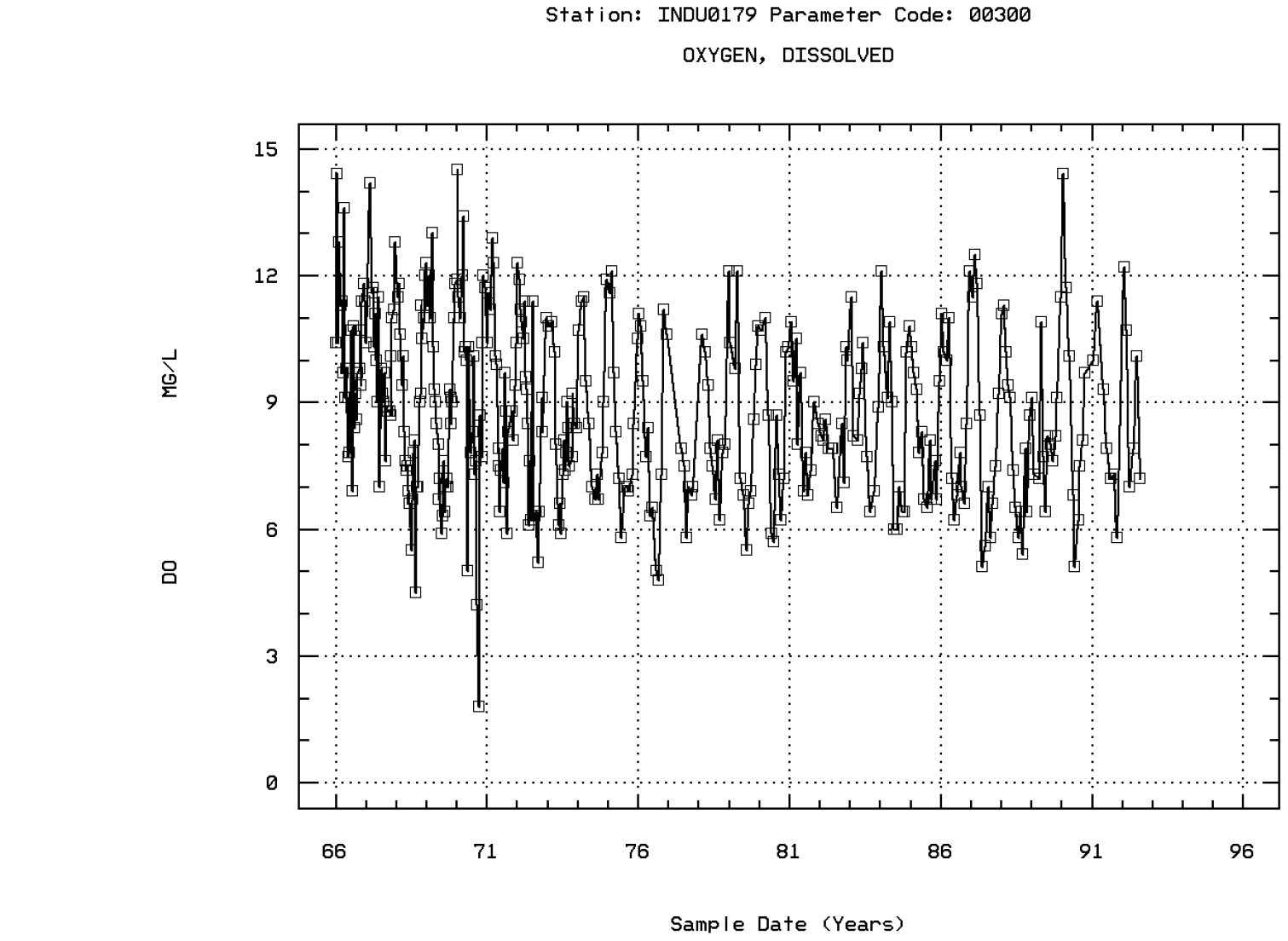
EPA Water Quality Criteria Analysis for Station: INDU0179

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	9.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	13	0	0.00	5	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	1.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	400.	27	1	0.04	8	1	0.13	6	0	0.00	10	0	0.00	3	0	0.00
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	5.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	0.2	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	2.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	0.2	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	0.4	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
		Drinking Water	0.2	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	132	1	0.01	41	1	0.02	23	0	0.00	49	0	0.00	19	0	0.00
		Drinking Water	2.	132	2	0.02	41	2	0.05	23	0	0.00	49	0	0.00	19	0	0.00
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
82624	ENDOSULFAN, BETA, WH WATER, TOTAL RECOVE	Fresh Acute	0.22	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter



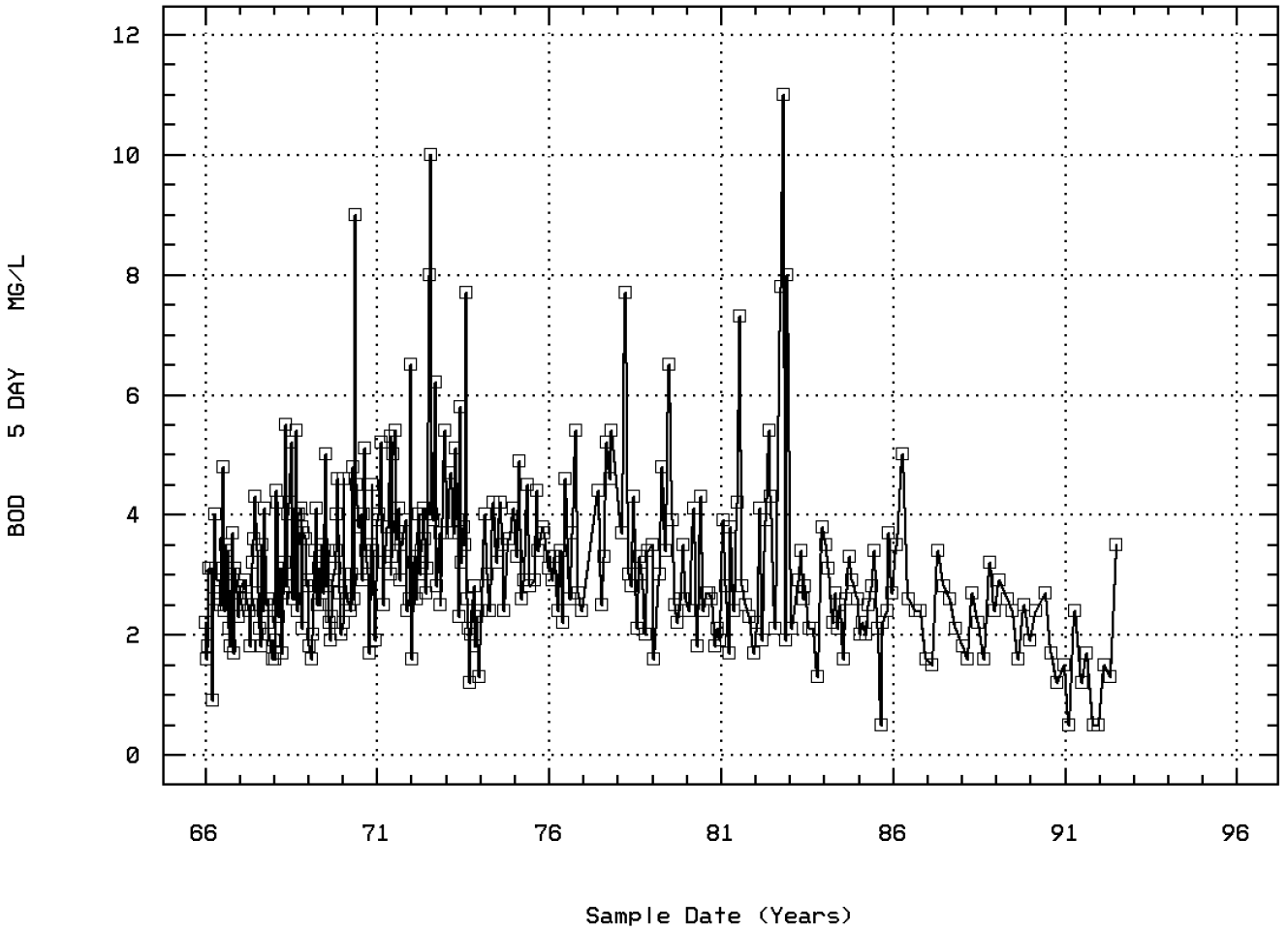
BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK



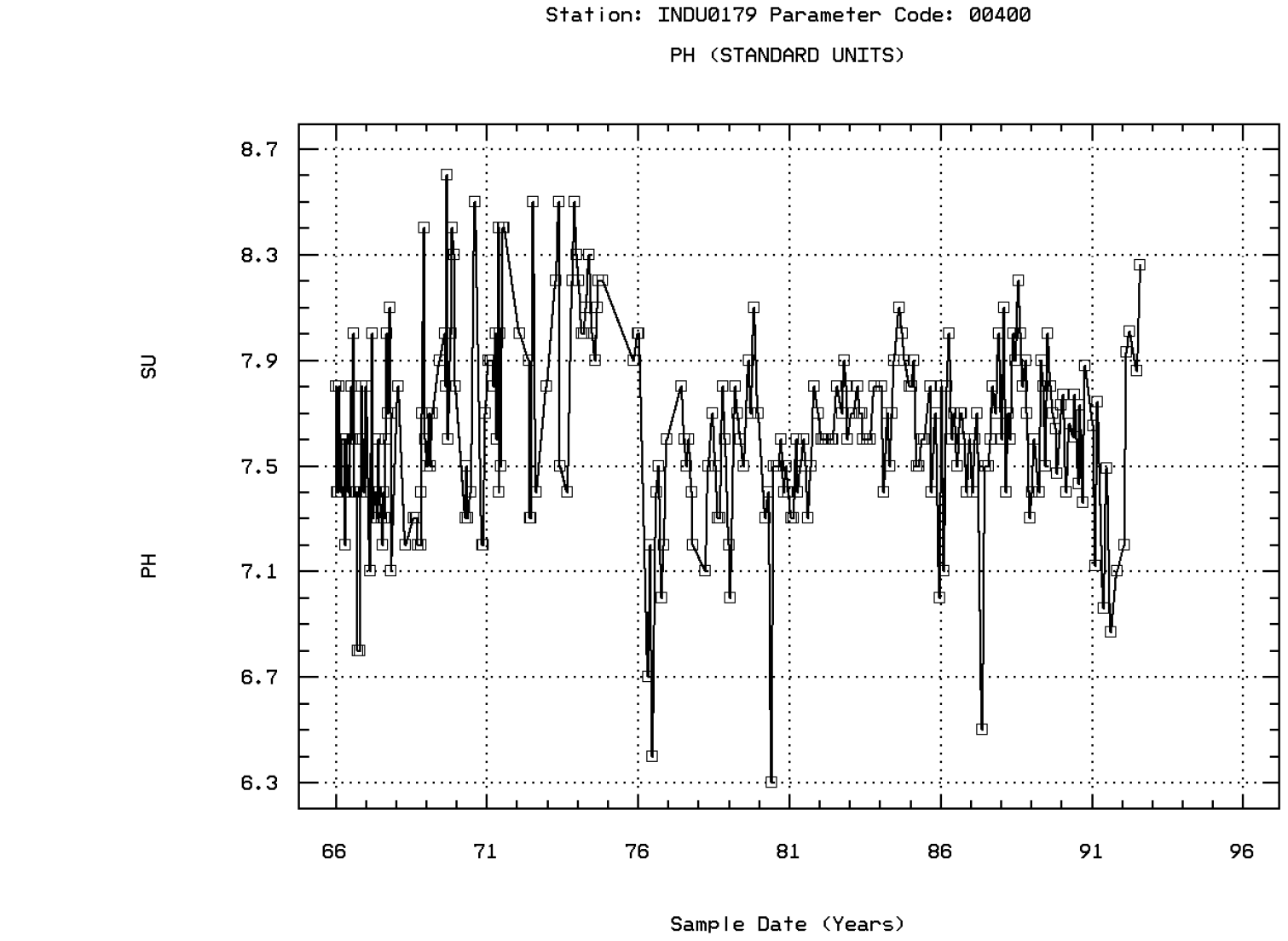
BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 00310

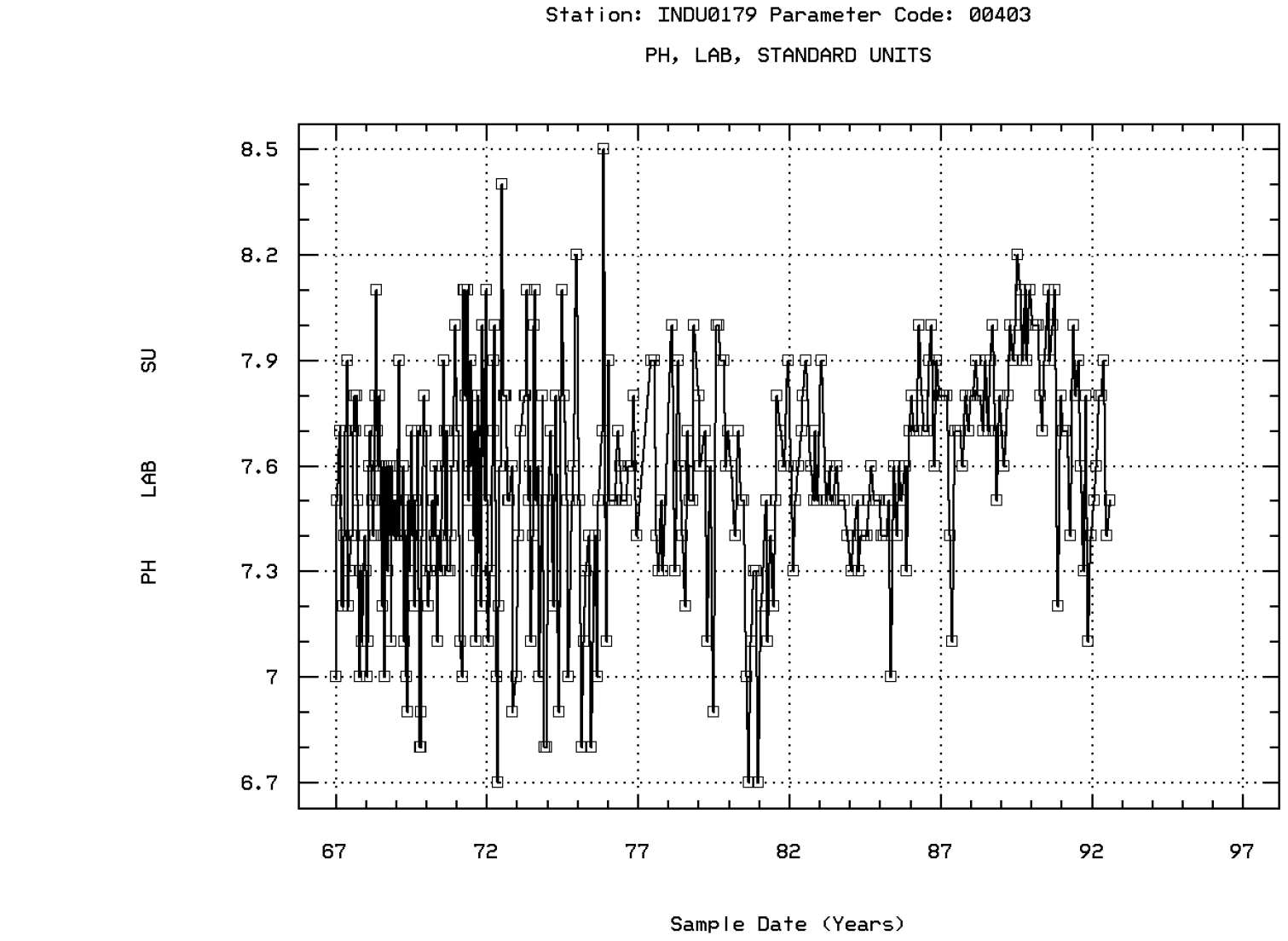
BOD, 5 DAY, 20 DEG C



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK



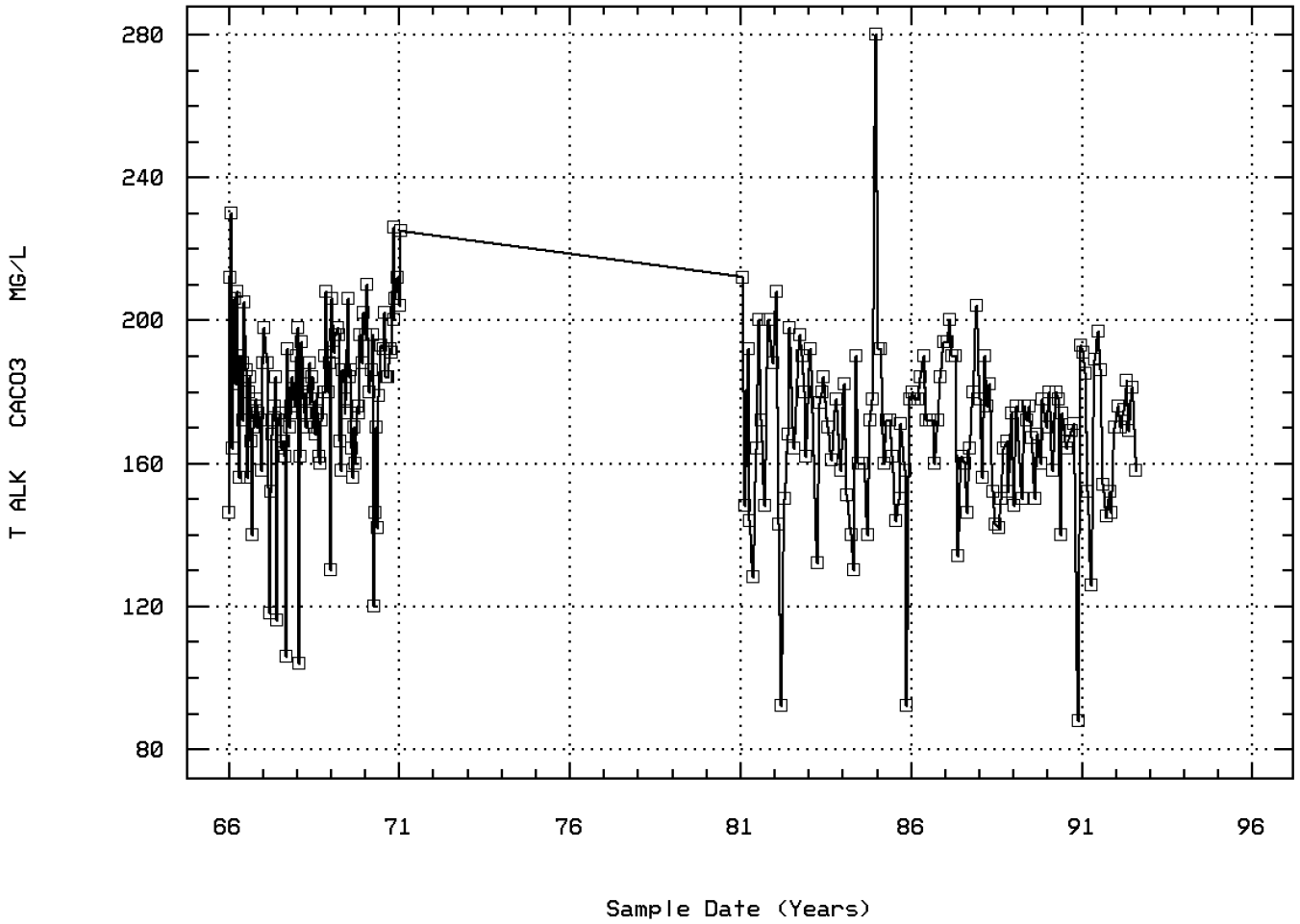
BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 00410

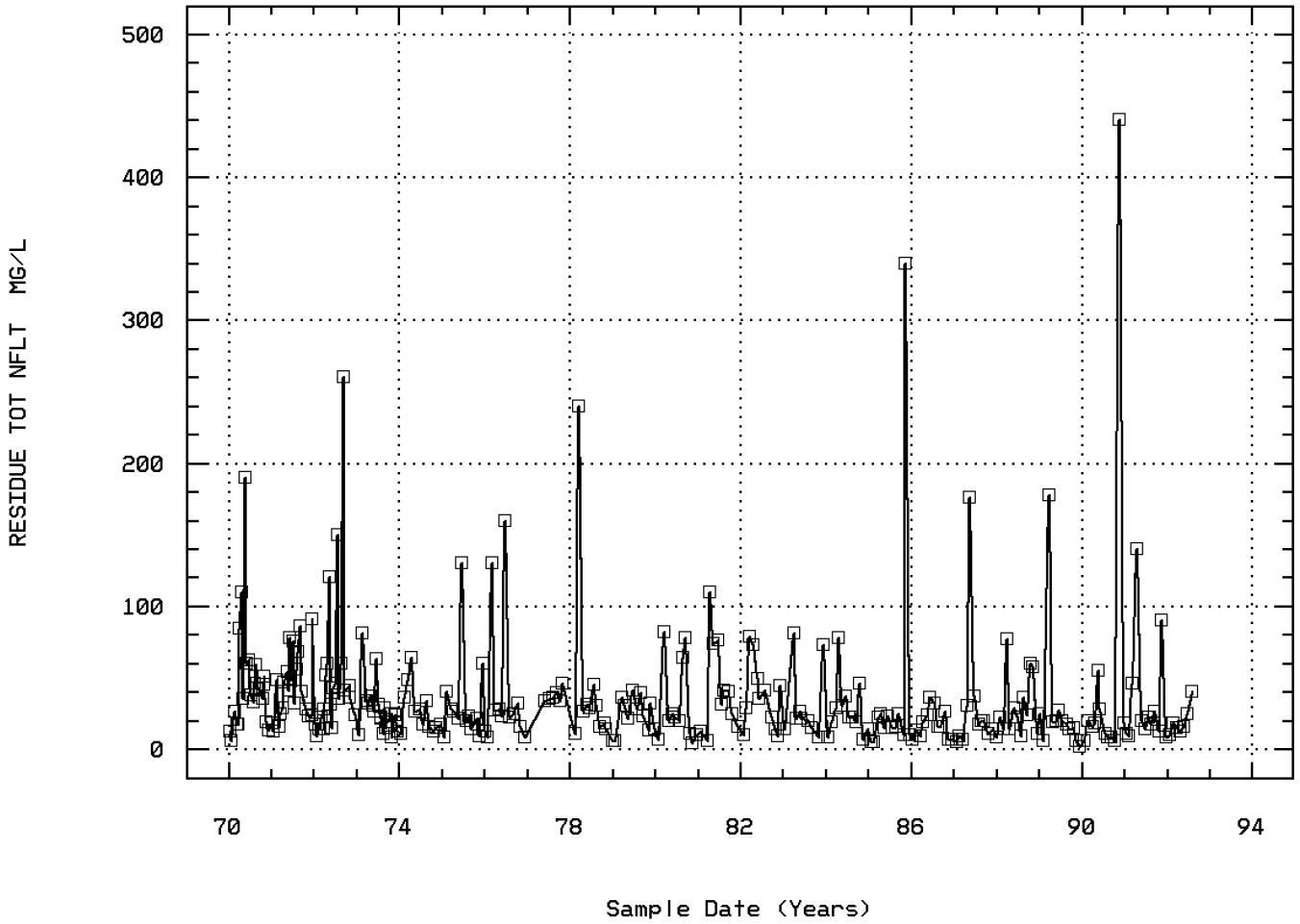
ALKALINITY, TOTAL (MG/L AS CACO3)



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 00530

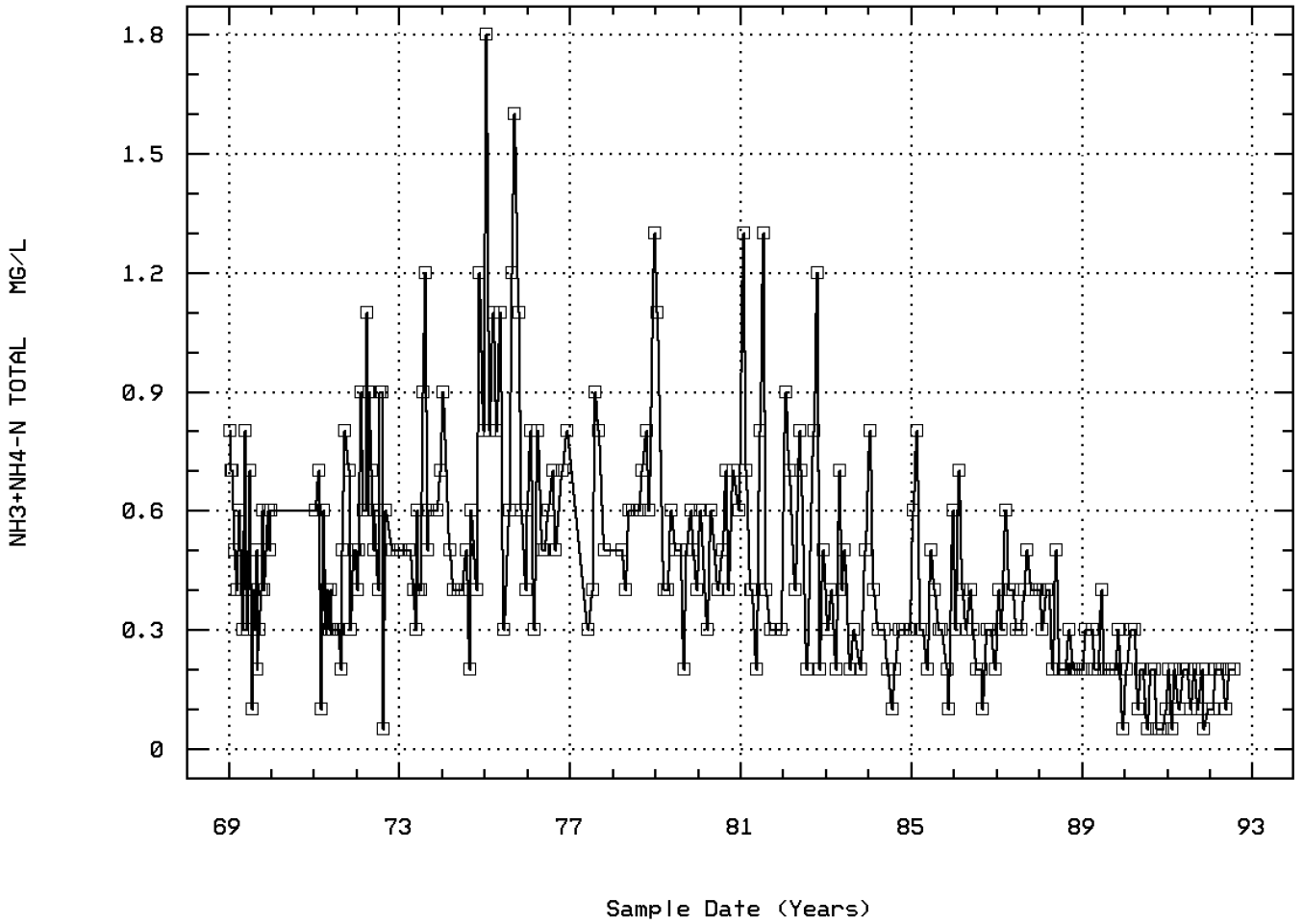
RESIDUE, TOTAL NONFILTRABLE (MG/L)



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 00610

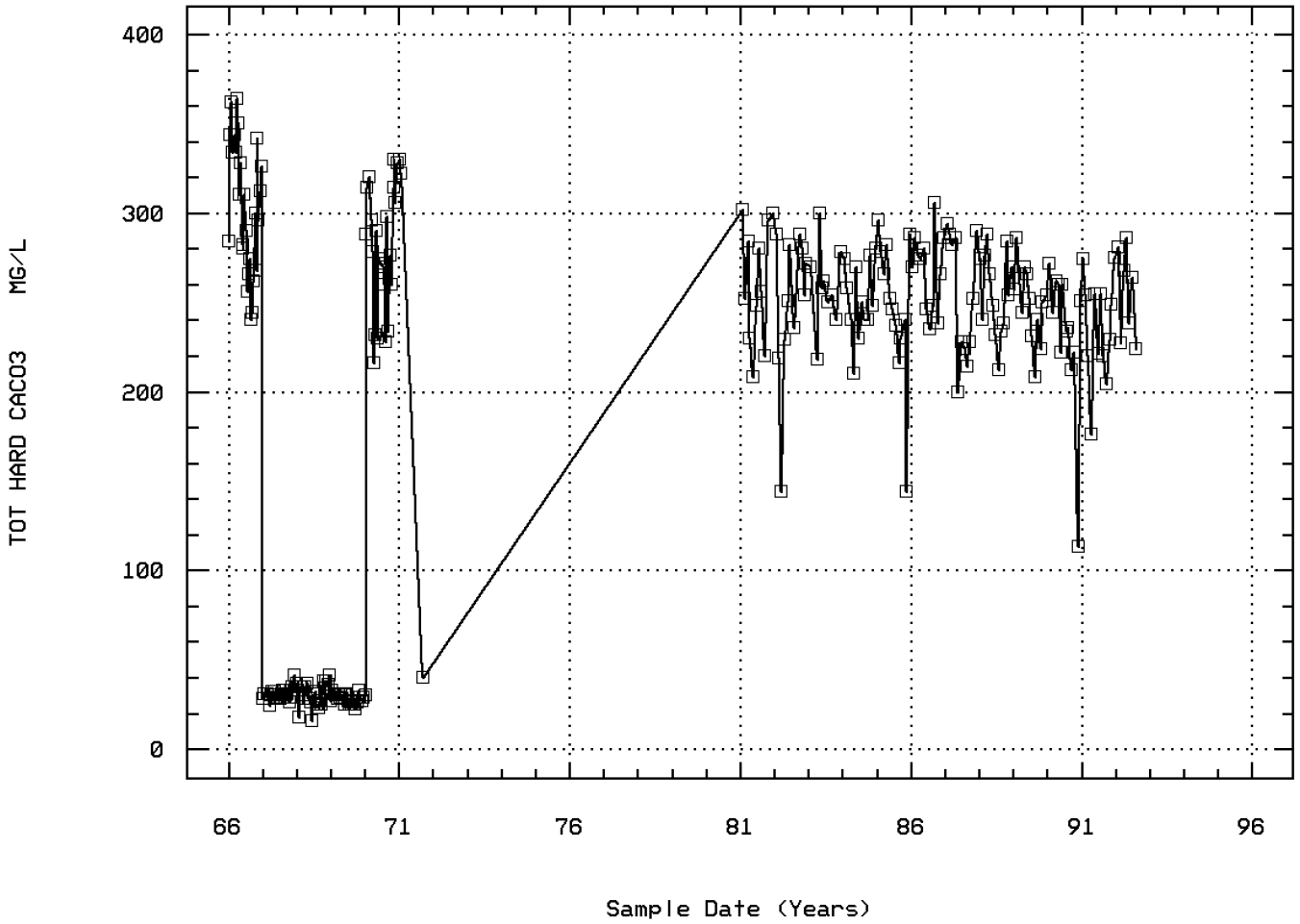
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 00900

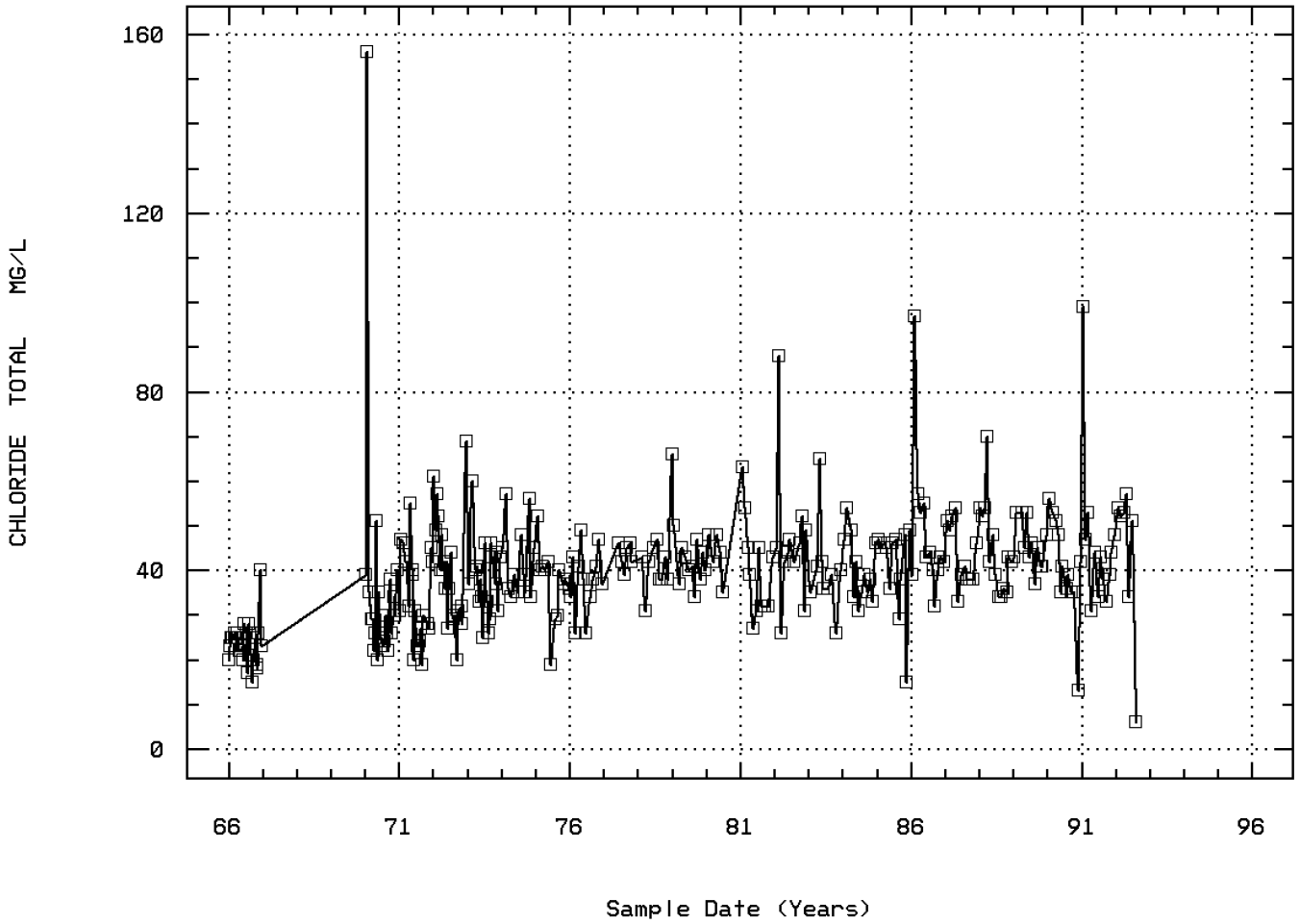
HARDNESS, TOTAL (MG/L AS CACO3)



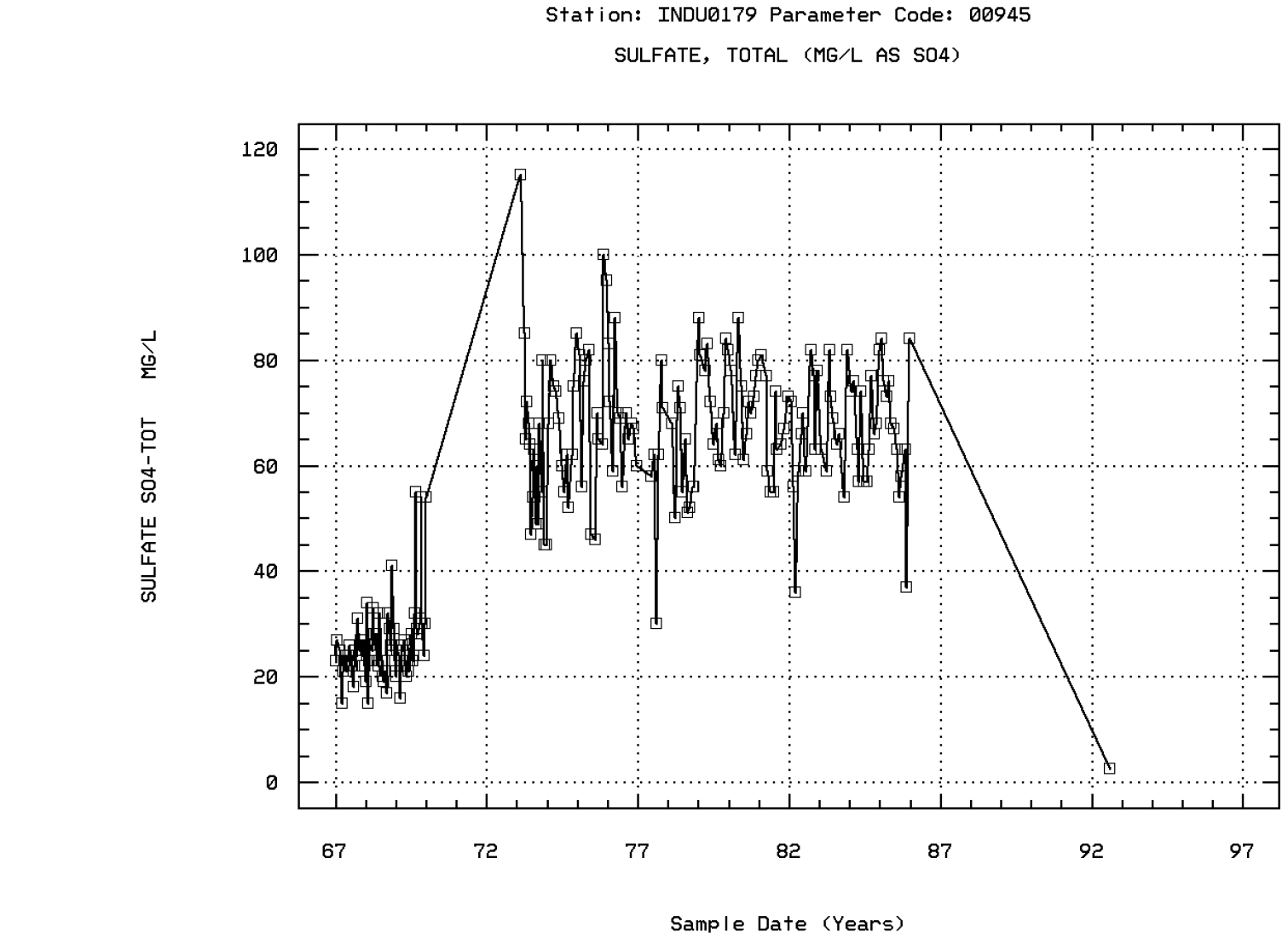
BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Annual Analysis for 1966 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	26	10.	13.038	26.	0.	83.478	9.137	1.	4.75	23.	25.3
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/30/69	26	22.5	26.731	110.	5.	449.885	21.21	8.5	10.	35.	50.
00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/30/69	26	10.	12.692	30.	5.	64.462	8.029	5.	5.	16.25	25.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	25	606.	614.16	770.	446.	7376.723	85.888	483.4	559.5	672.5	740.4
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	26	10.1	10.242	14.4	6.9	3.141	1.772	7.77	9.1	11.4	13.04
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/30/69	26	94.5	94.346	130.	71.	228.795	15.126	72.4	84.75	101.5	121.2
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	26	2.65	2.7	4.8	0.9	0.684	0.827	1.67	2.175	3.1	3.79
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	26	7.4	7.477	8.	6.8	0.074	0.272	7.08	7.4	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	26	7.4	7.381	8.	6.8	0.083	0.289	7.08	7.4	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	26	0.04	0.042	0.158	0.01	0.001	0.036	0.016	0.025	0.04	0.092
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	26	177.	179.192	230.	140.	445.602	21.109	153.	165.5	190.	209.2
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/30/69	26	24.5	28.808	103.	5.	387.682	19.69	12.	16.	38.25	50.6
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	26	0.9	0.973	1.8	0.4	0.196	0.442	0.47	0.6	1.275	1.73
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/13/72	26	0.8	1.008	7.	0.3	1.567	1.252	0.4	0.575	0.925	1.33
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	26	305.	303.923	364.	240.	1354.394	36.802	252.4	272.5	336.	353.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	26	24.	23.615	40.	15.	22.726	4.767	17.7	20.	26.	28.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-12/18/85	26	12500.	22715.385	130000.	2200.	751885353.846	27420.528	3480.	5225.	28250.	59900.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-12/18/85	26	4.097	4.125	5.114	3.342	0.21	0.459	3.533	3.718	4.451	4.777
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13330.476								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1967 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	24	13.	12.167	24.	0.	58.319	7.637	1.	5.	20.5	21.5
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/30/69	24	22.5	27.875	80.	5.	346.636	18.618	10.	14.25	37.5	55.
00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/30/69	24	10.	11.458	25.	5.	40.172	6.338	5.	5.	15.	20.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	23	610.	610.174	706.	460.	3179.332	56.386	532.4	572.	658.	680.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	23	10.	10.104	14.2	7.	2.734	1.654	8.04	8.9	11.2	12.36
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/30/69	23	91.	93.261	120.	71.	136.202	11.671	79.8	85.	102.	108.6
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	24	2.55	2.633	4.3	1.	0.6	0.774	1.7	2.125	3.125	3.85
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	19	7.4	7.511	8.1	7.1	0.092	0.303	7.1	7.3	7.7	8.
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	19	7.4	7.424	8.1	7.1	0.1	0.316	7.1	7.3	7.7	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	19	0.04	0.038	0.079	0.008	0.	0.022	0.01	0.02	0.05	0.079
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	23	7.4	7.443	7.9	7.	0.071	0.266	7.04	7.2	7.7	7.8
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	23	7.4	7.368	7.9	7.	0.077	0.277	7.04	7.2	7.7	7.8
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	23	0.04	0.043	0.1	0.013	0.001	0.026	0.016	0.02	0.063	0.092
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	23	172.	167.043	198.	106.	565.043	23.771	116.8	164.	184.	190.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/30/69	24	25.5	27.583	79.	4.	230.167	15.171	15.	21.	28.75	49.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	24	6.	8.833	21.	2.	33.362	5.776	3.	4.25	13.75	18.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	24	1.15	1.292	3.4	0.3	0.71	0.843	0.4	0.525	1.875	2.65
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/13/72	24	0.8	0.854	2.	0.3	0.156	0.395	0.4	0.6	1.	1.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	24	30.	30.583	41.	24.	11.471	3.387	27.	28.25	32.	35.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	24	24.	23.625	31.	15.	10.332	3.214	19.5	22.	25.75	27.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-12/18/85	23	22000.	27886.957	88000.	2000.	556984822.134	23600.526	6240.	11000.	39000.	75800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-12/18/85	23	4.342	4.292	4.944	3.301	0.159	0.399	3.768	4.041	4.591	4.875
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19593.764								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	27	12.	11.111	25.	0.	57.103	7.557	1.8	5.	18.	22.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/30/69	27	30.	35.37	100.	5.	801.781	28.316	10.	15.	50.	90.
00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/30/69	27	10.	10.556	30.	5.	44.872	6.699	5.	5.	15.	20.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	27	670.	650.741	880.	400.	18784.046	137.055	442.	540.	750.	814.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	25	8.3	8.784	12.3	4.5	4.741	2.177	6.16	7.	10.8	11.88
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/30/69	25	78.	78.08	95.	44.	116.827	10.809	65.6	72.	86.	90.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	26	3.15	3.338	5.5	1.6	1.219	1.104	1.84	2.55	4.125	5.26
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	11	7.3	7.491	8.4	7.2	0.135	0.367	7.2	7.2	7.7	8.28
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	11	7.3	7.394	8.4	7.2	0.145	0.381	7.2	7.2	7.7	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	11	0.05	0.04	0.063	0.004	0.	0.021	0.006	0.02	0.063	0.063
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	27	7.5	7.47	8.1	7.	0.065	0.255	7.08	7.3	7.6	7.8
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	27	7.5	7.399	8.1	7.	0.071	0.266	7.08	7.3	7.6	7.8
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	27	0.032	0.04	0.1	0.008	0.001	0.025	0.016	0.025	0.05	0.084
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	27	178.	174.889	208.	104.	413.949	20.346	154.	170.	188.	194.8
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/30/69	27	27.	34.889	114.	12.	514.256	22.677	13.	22.	41.	69.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	27	8.	9.37	25.	1.	28.627	5.35	3.8	5.	13.	17.4
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	27	1.	1.256	4.	0.4	0.627	0.792	0.6	0.7	1.7	2.42
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/13/72	27	0.8	0.922	2.5	0.2	0.252	0.502	0.44	0.6	1.2	1.62
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	27	31.	30.37	41.	16.	38.396	6.196	22.	26.	35.	38.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	27	25.	25.185	41.	15.	34.387	5.864	18.6	21.	29.	33.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-12/18/85	26	41000.	44961.538	150000.	6000.	1505638461.538	38802.557	6700.	12000.	70750.	103200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-12/18/85	26	4.612	4.472	5.176	3.778	0.188	0.434	3.825	4.079	4.849	5.011
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			29624.74								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	24	13.	12.917	25.	2.	54.254	7.366	3.	5.25	19.5	23.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/30/69	25	20.	36.8	90.	5.	883.083	29.717	8.	15.	50.	90.
00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/30/69	25	10.	10.6	30.	5.	38.167	6.178	5.	5.	15.	20.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	25	560.	561.2	680.	300.	6902.667	83.082	458.	525.	625.	664.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	25	9.	8.972	13.	5.9	4.304	2.075	6.36	7.1	11.	11.94
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/30/69	24	81.5	82.	99.	64.	74.957	8.658	69.	76.	87.75	93.5
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	25	2.8	2.924	5.	1.6	0.777	0.881	1.86	2.2	3.4	4.3
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	13	7.8	7.908	8.6	7.5	0.119	0.345	7.5	7.65	8.15	8.52
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	13	7.8	7.804	8.6	7.5	0.131	0.362	7.5	7.65	8.15	8.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	13	0.016	0.016	0.032	0.003	0.	0.01	0.003	0.008	0.023	0.032
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	25	7.4	7.38	7.9	6.8	0.098	0.314	6.86	7.15	7.65	7.74
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	25	7.4	7.264	7.9	6.8	0.112	0.335	6.86	7.15	7.65	7.74
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	25	0.04	0.054	0.158	0.013	0.002	0.044	0.018	0.023	0.071	0.139
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	25	186.	182.76	206.	156.	225.94	15.031	159.2	172.	196.	203.6
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/30/69	25	30.	29.16	70.	9.	205.473	14.334	12.8	15.5	39.	44.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	19	10.	11.474	36.	5.	54.485	7.381	5.	7.	11.	25.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	26	0.5	0.519	1.	0.1	0.052	0.228	0.27	0.375	0.7	0.86
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	25	0.8	0.904	2.5	0.2	0.248	0.498	0.38	0.6	1.05	1.62
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/13/72	24	0.9	0.992	1.7	0.2	0.141	0.375	0.55	0.7	1.275	1.55
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	25	29.	28.2	33.	22.	7.25	2.693	25.	26.	30.	31.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	25	26.	28.96	55.	16.	105.623	10.277	20.6	23.	30.	54.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-12/18/85	24	12500.	24341.667	70000.	1200.	527653840.58	22970.717	2500.	4750.	43000.	65500.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-12/18/85	24	4.088	4.133	4.845	3.079	0.281	0.53	3.389	3.663	4.633	4.815
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13592.388								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	1	7000.	7000.	7000.	7000.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	21	14.	13.286	25.	2.	67.514	8.217	3.	6.	21.5	24.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	22	40.	54.545	200.	5.	2135.498	46.211	10.	18.75	90.	97.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	22	590.	570.	690.	390.	6019.048	77.583	428.	532.5	620.	667.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	22	10.15	9.355	14.5	1.8	9.086	3.014	4.44	7.675	11.55	12.98
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	22	3.4	3.645	9.	1.7	2.314	1.521	2.05	2.6	4.5	5.01
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	8	7.35	7.513	8.5	7.2	0.187	0.432	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	8	7.347	7.397	8.5	7.2	0.202	0.45	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	8	0.045	0.04	0.063	0.003	0.	0.021	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	22	7.4	7.477	8.	7.1	0.049	0.22	7.23	7.3	7.6	7.84
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	22	7.4	7.429	8.	7.1	0.051	0.226	7.23	7.3	7.6	7.84
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	22	0.04	0.037	0.079	0.01	0.	0.017	0.015	0.025	0.05	0.059
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	22	191.5	185.955	226.	120.	585.474	24.197	143.2	179.75	200.5	211.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	22	40.	47.409	190.	6.	1620.729	40.258	12.3	18.5	59.25	102.2
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	22	1.55	1.55	3.2	0.5	0.535	0.731	0.7	0.775	2.05	2.58
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/13/72	20	1.2	1.43	5.	0.7	0.858	0.926	0.9	1.	1.4	2.43
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	22	277.	277.909	330.	216.	1179.991	34.351	228.6	253.5	308.	325.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	22	29.5	35.909	156.	20.	773.706	27.816	22.	24.75	35.75	47.7
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-12/18/85	22	16500.	18990.909	73000.	1100.	329188484.848	18143.552	2150.	4425.	22750.	51600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-12/18/85	22	4.216	4.066	4.863	3.041	0.238	0.488	3.33	3.637	4.353	4.706
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11648.057								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	21	100.	715.714	3000.	10.	951055.714	975.221	10.	10.	1300.	2580.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	21	2.	2.155	3.477	1.	0.936	0.968	1.	1.	3.113	3.412
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			142.809								

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Annual Analysis for 1971 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	21	15.	13.857	25.	0.	64.129	8.008	2.2	5.5	20.	24.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	2	15.	15.	15.	15.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	21	550.	562.857	750.	430.	5451.429	73.834	470.	515.	615.	656.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	21	8.8	9.143	12.9	5.9	3.623	1.903	6.54	7.7	10.4	12.16
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	21	3.8	3.881	6.5	2.4	1.142	1.068	2.52	3.1	4.55	5.38
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	12	7.9	7.933	8.4	7.4	0.115	0.339	7.43	7.65	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	12	7.9	7.819	8.4	7.4	0.129	0.36	7.43	7.65	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	12	0.013	0.015	0.04	0.004	0.	0.011	0.004	0.005	0.023	0.037
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	21	7.7	7.643	8.1	7.	0.127	0.356	7.1	7.35	7.95	8.1
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	21	7.7	7.501	8.1	7.	0.148	0.384	7.1	7.35	7.95	8.1
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	21	0.02	0.032	0.1	0.008	0.001	0.027	0.008	0.011	0.045	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	2	214.5	214.5	225.	204.	220.5	14.849	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	21	41.	44.714	91.	12.	563.814	23.745	16.4	24.5	62.	84.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	16	10.	11.25	30.	1.	55.4	7.443	2.4	5.75	15.5	24.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	20	0.35	0.42	0.8	0.1	0.034	0.185	0.21	0.3	0.575	0.7
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	20	0.8	1.04	3.1	0.4	0.475	0.689	0.42	0.7	1.1	2.51
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	19	1.	1.105	2.3	0.8	0.118	0.344	0.9	0.9	1.1	1.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	3	322.	230.667	330.	40.	27281.333	165.171	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	21	31.	33.952	55.	19.	103.148	10.156	20.6	25.5	42.	46.8
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-12/18/85	2	4850.	4850.	8100.	1600.	21125000.	4596.194	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-12/18/85	2	3.556	3.556	3.908	3.204	0.248	0.498	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3600.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	21	280.	829.524	4900.	40.	1260744.762	1122.829	44.	85.	1500.	1760.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	21	2.447	2.539	3.69	1.602	0.404	0.636	1.637	1.929	3.176	3.245
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			346.122								

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Annual Analysis for 1972 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	21	10.	12.238	23.	1.	54.59	7.389	2.2	5.5	19.5	21.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	21	560.	572.381	770.	300.	16539.048	128.604	364.	510.	670.	760.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	21	9.1	8.848	12.3	5.2	5.377	2.319	6.12	6.35	11.1	11.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	21	3.6	4.033	10.	1.6	3.78	1.944	2.52	2.9	4.05	7.64
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	7	7.8	7.743	8.5	7.3	0.196	0.443	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	7	7.8	7.586	8.5	7.3	0.225	0.474	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	7	0.016	0.026	0.05	0.003	0.	0.02	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	21	7.5	7.486	8.4	6.7	0.169	0.411	6.92	7.15	7.8	7.98
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	21	7.5	7.308	8.4	6.7	0.202	0.45	6.92	7.15	7.8	7.98
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	21	0.032	0.049	0.2	0.004	0.002	0.048	0.011	0.016	0.071	0.121
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	21	36.	53.381	260.	9.	3422.948	58.506	14.	19.5	56.	144.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	13	6.	7.	20.	2.	26.5	5.148	2.4	3.	8.	18.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	18	0.6	0.625	1.1	0.05	0.061	0.246	0.365	0.5	0.9	0.92
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	21	1.6	1.752	3.2	0.6	0.475	0.689	0.84	1.25	2.3	2.74
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/13/72	21	1.1	1.514	8.	0.7	2.385	1.544	0.8	0.9	1.4	2.16
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	21	40.	40.143	69.	20.	154.729	12.439	27.2	30.	48.5	60.2
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	21	2300.	4536.19	54000.	200.	130723094.762	11433.42	214.	620.	3300.	5600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	21	3.362	3.215	4.732	2.301	0.325	0.57	2.327	2.757	3.518	3.743
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1639.056								

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Annual Analysis for 1973 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	18	17.	15.056	24.	3.	48.644	6.975	3.9	7.	21.25	22.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	19	600.	577.895	710.	430.	6784.211	82.366	450.	530.	630.	710.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	18	8.05	8.211	10.9	5.9	2.03	1.425	6.08	7.375	9.05	10.81
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	19	3.2	3.342	7.7	1.2	2.683	1.638	1.3	2.1	3.9	5.8
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	7	8.2	8.086	8.5	7.4	0.205	0.453	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	7	8.2	7.866	8.5	7.4	0.261	0.511	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	7	0.006	0.014	0.04	0.003	0.	0.015	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	18	7.55	7.528	8.1	6.8	0.159	0.398	6.8	7.325	7.8	8.1
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	18	7.547	7.344	8.1	6.8	0.194	0.441	6.8	7.325	7.8	8.1
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	18	0.028	0.045	0.158	0.008	0.002	0.048	0.008	0.016	0.05	0.158
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	19	25.	27.895	81.	8.	322.988	17.972	10.	15.	32.	63.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	19	5.	5.158	12.	1.	7.585	2.754	2.	3.	7.	8.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	19	0.6	0.689	1.2	0.3	0.075	0.275	0.4	0.5	1.	1.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	19	1.	1.116	1.7	0.6	0.144	0.379	0.7	0.8	1.5	1.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	19	0.17	0.174	0.24	0.09	0.002	0.039	0.12	0.16	0.2	0.22
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	19	37.	37.842	60.	25.	69.251	8.322	26.	33.	43.	46.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	18	61.5	63.222	115.	45.	302.536	17.394	45.	49.	69.	88.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	19	500.	1623.158	8800.	90.	5642011.696	2375.292	100.	160.	2500.	5500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	19	2.699	2.79	3.944	1.954	0.395	0.629	2.	2.204	3.398	3.74
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			616.004								

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Annual Analysis for 1974 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	12	12.5	11.75	21.	1.	50.023	7.073	1.6	4.5	18.75	20.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	12	580.	595.	740.	500.	4645.455	68.158	506.	537.5	637.5	716.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	12	8.75	9.	11.9	6.7	3.884	1.971	6.7	7.075	11.225	11.78
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	12	3.55	3.383	4.2	2.4	0.492	0.702	2.4	2.55	4.075	4.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	10	8.1	8.1	8.3	7.9	0.016	0.125	7.91	8.	8.2	8.29
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	10	8.1	8.084	8.3	7.9	0.016	0.126	7.91	8.	8.2	8.29
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	10	0.008	0.008	0.013	0.005	0.	0.002	0.005	0.006	0.01	0.012
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	12	7.55	7.567	8.2	6.9	0.157	0.396	6.93	7.275	7.8	8.17
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	12	7.547	7.403	8.2	6.9	0.186	0.432	6.93	7.275	7.8	8.17
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	12	0.028	0.04	0.126	0.006	0.001	0.038	0.007	0.016	0.055	0.118
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	12	21.5	27.	64.	11.	262.545	16.203	11.3	15.25	35.5	59.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	12	5.	6.417	15.	2.	18.447	4.295	2.	3.25	8.	14.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	12	0.5	0.608	1.2	0.2	0.09	0.3	0.26	0.4	0.875	1.14
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	12	1.05	1.142	2.1	0.6	0.224	0.474	0.6	0.825	1.425	2.04
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	12	0.175	0.174	0.3	0.1	0.003	0.054	0.1	0.135	0.2	0.273
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	12	39.	41.917	57.	34.	68.629	8.284	34.	35.	47.25	56.7
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	12	68.5	68.083	85.	52.	102.629	10.131	52.9	60.5	75.	83.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	600.	1457.273	5300.	200.	3096001.818	1759.546	216.	430.	2300.	5100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	2.778	2.919	3.724	2.301	0.214	0.463	2.33	2.633	3.362	3.706
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			829.781								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	12	14.5	13.167	23.	0.	60.515	7.779	1.2	6.25	20.75	22.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	12	530.	514.167	590.	390.	5062.879	71.154	402.	437.5	580.	590.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	12	7.8	8.492	12.1	5.8	4.139	2.034	6.13	7.	10.3	11.95
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	12	3.35	3.525	4.9	2.6	0.557	0.746	2.66	2.9	4.25	4.78
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	2	7.95	7.95	8.	7.9	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	2	7.947	7.947	8.	7.9	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	2	0.011	0.011	0.013	0.01	0.	0.002	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	12	7.35	7.342	8.5	6.8	0.214	0.462	6.8	7.025	7.5	8.26
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	12	7.347	7.18	8.5	6.8	0.242	0.492	6.8	7.025	7.5	8.26
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	12	0.045	0.066	0.158	0.003	0.003	0.051	0.008	0.032	0.095	0.158
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	12	22.	33.333	130.	8.	1125.333	33.546	8.3	15.5	37.	109.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	12	7.5	11.	32.	2.	92.182	9.601	2.	3.25	17.5	29.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	12	0.95	0.95	1.8	0.3	0.208	0.456	0.33	0.6	1.175	1.74
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	12	1.3	1.267	2.3	0.5	0.399	0.631	0.53	0.65	1.675	2.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	12	0.135	0.179	0.42	0.08	0.013	0.113	0.083	0.103	0.233	0.408
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	12	39.	37.	52.	19.	66.545	8.158	22.	31.5	40.75	49.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	12	73.	71.833	100.	46.	295.242	17.183	46.3	58.	81.75	98.5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	12	640.	2343.333	9900.	60.	9639315.152	3104.725	90.	287.5	4550.	8640.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	12	2.801	2.944	3.996	1.778	0.473	0.687	1.906	2.456	3.657	3.924
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			879.713								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	12	13.5	13.917	25.	5.	51.174	7.154	5.3	7.25	20.	24.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	12	530.	519.167	600.	380.	4353.788	65.983	392.	487.5	572.5	597.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	12	8.05	8.267	11.2	4.8	5.542	2.354	4.86	6.35	10.75	11.17
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	12	3.1	3.242	5.4	2.2	0.915	0.957	2.26	2.45	3.625	5.16
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.2	7.222	8.	6.4	0.232	0.482	6.4	6.85	7.55	8.
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.2	6.986	8.	6.4	0.295	0.543	6.4	6.85	7.55	8.

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Annual Analysis for 1976 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	9	0.063	0.103	0.398	0.01	0.015	0.124	0.01	0.028	0.15	0.398
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	12	7.55	7.592	7.9	7.4	0.021	0.144	7.43	7.5	7.675	7.87
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	12	7.547	7.572	7.9	7.4	0.021	0.146	7.43	7.5	7.675	7.87
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	12	0.028	0.027	0.04	0.013	0.	0.008	0.014	0.021	0.032	0.037
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	12	24.	40.917	160.	8.	2464.811	49.647	8.	13.	31.	151.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	12	6.	9.083	30.	1.	65.538	8.096	1.9	4.	12.75	26.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	12	0.65	0.65	1.	0.3	0.035	0.188	0.36	0.5	0.8	0.94
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	12	0.9	1.1	2.	0.7	0.211	0.459	0.7	0.725	1.425	1.97
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	12	0.12	0.143	0.26	0.08	0.003	0.056	0.086	0.103	0.168	0.254
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	12	38.	37.833	49.	26.	51.424	7.171	26.	34.	42.5	48.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	12	68.5	68.917	88.	56.	85.356	9.239	56.9	61.25	71.5	86.5
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	12	1210.	1810.	7300.	160.	4126309.091	2031.332	172.	285.	2475.	6070.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	12	3.059	2.99	3.863	2.204	0.294	0.542	2.233	2.419	3.394	3.756
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			976.718								

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Annual Analysis for 1977 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	6	21.	21.167	26.	16.	16.567	4.07	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	6	580.	566.667	660.	480.	5026.667	70.899	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	6	7.	7.	7.9	5.8	0.508	0.713	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	6	4.5	4.233	5.4	2.5	1.267	1.125	**	**	**	**
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	6	7.55	7.517	7.8	7.2	0.042	0.204	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	6	7.547	7.476	7.8	7.2	0.044	0.209	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	6	0.028	0.033	0.063	0.016	0.	0.017	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	6	7.45	7.55	7.9	7.3	0.079	0.281	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	6	7.447	7.484	7.9	7.3	0.084	0.29	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	6	0.036	0.033	0.05	0.013	0.	0.017	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	6	35.5	37.333	46.	34.	21.467	4.633	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	6	0.65	0.65	1.	0.3	0.083	0.288	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	6	0.7	0.8	1.2	0.6	0.064	0.253	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	6	0.2	0.2	0.25	0.15	0.002	0.039	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	6	43.5	43.333	46.	39.	7.867	2.805	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	6	62.	60.5	80.	30.	286.3	16.92	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	5	400.	3034.	10000.	150.	18391280.	4288.506	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	5	2.602	2.953	4.	2.176	0.668	0.817	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			897.027								

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Annual Analysis for 1978 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	11	17.	15.273	25.	3.	69.818	8.356	3.	6.	23.	24.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	11	580.	572.727	830.	420.	10381.818	101.891	430.	540.	590.	784.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	11	8.	8.591	12.1	6.2	3.177	1.782	6.3	7.5	10.2	11.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	11	3.3	3.527	7.7	2.	2.356	1.535	2.02	2.8	3.7	7.02
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.5	7.444	7.8	7.1	0.055	0.235	7.1	7.25	7.65	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.5	7.39	7.8	7.1	0.059	0.242	7.1	7.25	7.65	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	9	0.032	0.041	0.079	0.016	0.	0.021	0.016	0.023	0.057	0.079

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	11	7.6	7.627	8.	7.2	0.076	0.276	7.22	7.4	7.9	8.
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	11	7.6	7.55	8.	7.2	0.083	0.288	7.22	7.4	7.9	8.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	11	0.025	0.028	0.063	0.01	0.	0.017	0.01	0.013	0.04	0.061
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	11	26.	42.364	240.	6.	4419.455	66.479	7.	14.	31.	201.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	11	0.6	0.7	1.3	0.4	0.064	0.253	0.42	0.6	0.8	1.24
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	11	0.9	1.055	2.	0.6	0.189	0.434	0.62	0.7	1.3	1.92
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	11	0.14	0.17	0.48	0.08	0.012	0.111	0.084	0.11	0.17	0.43
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	10	42.5	43.1	66.	31.	85.433	9.243	31.7	38.	45.5	64.1
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	11	56.	62.455	88.	50.	145.473	12.061	50.2	52.	71.	85.4
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	350.	4737.273	37000.	60.	119285201.818	10921.776	74.	130.	5600.	30780.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	2.544	2.838	4.568	1.778	0.787	0.887	1.845	2.114	3.748	4.409
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			688.375								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	11	13.	14.818	25.	5.	53.964	7.346	5.4	8.	23.	24.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	11	630.	615.455	780.	410.	15287.273	123.642	414.	530.	750.	776.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	11	8.6	8.6	12.1	5.5	4.516	2.125	5.72	6.8	10.4	11.84
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	11	3.	3.327	6.5	1.6	1.87	1.368	1.72	2.5	3.9	6.16
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.7	7.667	8.1	7.	0.093	0.304	7.	7.55	7.85	8.1
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.7	7.551	8.1	7.	0.108	0.328	7.	7.55	7.85	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	9	0.02	0.028	0.1	0.008	0.001	0.028	0.008	0.014	0.028	0.1
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	11	7.7	7.636	8.	6.9	0.125	0.353	6.94	7.6	7.9	8.
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	11	7.7	7.478	8.	6.9	0.152	0.39	6.94	7.6	7.9	8.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	11	0.02	0.033	0.126	0.01	0.001	0.036	0.01	0.013	0.025	0.117
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	11	28.	25.727	41.	6.	129.618	11.385	7.4	14.	36.	40.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	11	0.5	0.518	1.1	0.2	0.05	0.223	0.24	0.4	0.6	1.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	11	1.	1.264	2.6	0.7	0.365	0.604	0.72	0.8	1.8	2.46
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	11	0.15	0.145	0.2	0.08	0.001	0.036	0.086	0.12	0.18	0.198
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	11	41.	41.727	50.	34.	21.618	4.65	34.6	38.	45.	49.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	11	72.	73.	84.	60.	82.	9.055	60.2	64.	82.	83.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	620.	1725.545	7500.	81.	5033158.273	2243.47	106.8	370.	2100.	6800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	2.792	2.915	3.875	1.908	0.338	0.582	1.991	2.568	3.322	3.82
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			823.015								

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Annual Analysis for 1980 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	11	15.	14.364	24.	3.	69.455	8.334	3.	5.	22.	23.8
00023	SAMPLE WEIGHT IN POUNDS	09/02/80-11/02/88	10	0.96	1.009	1.24	0.82	0.024	0.154	0.824	0.89	1.193	1.239
00024	SAMPLE LENGTH IN INCHES	09/02/80-11/02/88	10	12.5	12.716	13.98	11.81	0.545	0.738	11.83	12.153	13.58	13.94
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	4	130.	198.5	460.	74.	31155.667	176.51	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	11	600.	608.	720.	480.	5145.	71.729	494.	565.	680.	716.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	11	8.7	8.355	11.	5.7	4.009	2.002	5.74	6.2	10.3	10.94
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	11	2.4	2.618	4.3	1.8	0.726	0.852	1.8	1.9	2.7	4.26
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	10	7.45	7.34	7.6	6.3	0.14	0.375	6.4	7.375	7.5	7.59
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	10	7.447	7.085	7.6	6.3	0.213	0.461	6.4	7.375	7.5	7.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	10	0.036	0.082	0.501	0.025	0.022	0.147	0.026	0.032	0.042	0.456
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	11	7.3	7.255	7.7	6.7	0.117	0.342	6.7	7.	7.5	7.68

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Annual Analysis for 1980 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	11	7.3	7.124	7.7	6.7	0.135	0.368	6.7	7.	7.5	7.68
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	11	0.05	0.075	0.2	0.02	0.004	0.066	0.021	0.032	0.1	0.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	11	20.	31.182	82.	4.	840.364	28.989	4.6	10.	64.	81.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	11	0.6	0.618	1.	0.3	0.052	0.227	0.32	0.4	0.7	1.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	11	1.2	1.291	1.8	1.	0.075	0.274	1.	1.1	1.5	1.78
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	11	1.1	1.355	2.9	0.8	0.457	0.676	0.8	1.	1.4	2.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	11	0.14	0.145	0.23	0.09	0.002	0.045	0.09	0.11	0.19	0.222
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	10	6.55	7.86	14.1	4.4	10.2	3.194	4.52	5.75	10.975	13.87
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	5	44.	43.4	48.	35.	28.8	5.367	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	11	73.	72.909	88.	61.	64.291	8.018	61.2	66.	78.	86.4
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	10	315.	446.	1800.	90.	263404.444	513.229	90.	97.5	547.5	1686.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	10	2.496	2.453	3.255	1.954	0.181	0.425	1.954	1.989	2.736	3.212
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			283.487								
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/02/80-11/02/88	14	1.	2.143	5.	1.	3.516	1.875	1.	1.	5.	5.

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Annual Analysis for 1981 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	11	13.	14.273	26.	5.	59.618	7.721	5.2	6.	22.	25.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	11	300.	365.364	999.	50.	103300.455	321.404	50.	100.	580.	967.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	10	530.	572.	800.	450.	11506.667	107.269	454.	490.	637.5	789.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	11	8.5	8.636	10.9	6.8	1.965	1.402	6.82	7.4	9.7	10.82
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	11	2.8	3.218	7.3	1.7	2.542	1.594	1.7	2.3	3.9	6.68
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	11	24.	26.545	39.	14.	74.473	8.63	14.4	20.	36.	38.4
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	11	7.5	7.5	7.8	7.3	0.028	0.167	7.3	7.3	7.6	7.78
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	11	7.5	7.472	7.8	7.3	0.029	0.17	7.3	7.3	7.6	7.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	11	0.032	0.034	0.05	0.016	0.	0.012	0.017	0.025	0.05	0.05
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	10	7.5	7.49	7.9	7.1	0.072	0.269	7.11	7.2	7.725	7.89
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	10	7.5	7.418	7.9	7.1	0.078	0.279	7.11	7.2	7.725	7.89
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	10	0.032	0.038	0.079	0.013	0.001	0.023	0.013	0.019	0.063	0.078
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	11	172.	172.364	212.	128.	775.855	27.854	131.2	148.	200.	209.6
00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	10	420.	428.	500.	380.	1817.778	42.635	380.	387.5	465.	498.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	10	35.5	43.1	110.	6.	1119.878	33.465	6.6	15.	74.5	106.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	10	6.	6.7	15.	1.	22.678	4.762	1.1	2.75	10.75	14.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	11	0.4	0.582	1.3	0.2	0.158	0.397	0.22	0.3	0.8	1.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	11	1.2	1.3	2.5	0.8	0.274	0.523	0.82	0.9	1.8	2.36
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	11	1.5	1.6	2.6	1.	0.296	0.544	1.	1.1	2.2	2.54
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	10	0.14	0.162	0.3	0.06	0.008	0.089	0.06	0.09	0.265	0.298
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	10	11.1	10.48	14.	5.8	7.52	2.742	5.95	7.375	12.65	13.88
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	11	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	11	256.	261.455	302.	208.	1104.073	33.228	210.4	230.	296.	301.6
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/27/92	10	177.	167.2	192.	136.	387.733	19.691	136.4	146.	180.5	191.
00920	MAGNESIUM (MG/L AS CACO3)	01/28/81-12/18/85	10	93.	95.2	120.	72.	296.178	17.21	72.8	80.	112.	119.8
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	10	20.	22.	34.	17.	28.444	5.333	17.1	18.	24.25	33.4
00937	POTASSIUM, TOTAL MG/L AS K)	01/28/81-12/18/85	10	4.15	4.18	5.	3.3	0.304	0.551	3.33	3.75	4.6	4.99
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	11	39.	40.273	63.	27.	122.618	11.073	27.8	32.	45.	61.2
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	10	65.5	66.8	81.	55.	84.178	9.175	55.	58.	74.75	80.6
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	11	0.4	0.382	0.5	0.3	0.006	0.075	0.3	0.3	0.4	0.5
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	11	2.	1.727	3.	1.	0.618	0.786	1.	1.	2.	3.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	11	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	11	4.	4.727	8.	4.	1.418	1.191	4.	4.	5.	7.4
01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	11	1000.	1246.364	3100.	460.	618825.455	786.655	508.	770.	1500.	2940.
01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.

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Annual Analysis for 1981 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	11	130.	135.455	250.	80.	2467.273	49.672	84.	100.	170.	236.
01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	10	10.	14.	30.	10.	48.889	6.992	10.	10.	20.	29.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-12/18/85	5	8400.	13360.	38000.	1300.	202603000.	14233.868	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-12/18/85	5	3.924	3.914	4.58	3.114	0.275	0.524	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8195.525								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	9	1900.	2470.778	6800.	10.	5427267.944	2329.65	10.	463.5	4500.	6800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	9	3.279	2.918	3.833	1.	1.022	1.011	1.	2.193	3.653	3.833
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			828.088								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	10	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	10	350.	362.	460.	300.	2306.667	48.028	302.	327.5	392.5	454.
71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	11	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

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Annual Analysis for 1982 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	11	11.	10.636	23.	1.	53.855	7.339	1.2	5.	18.	22.
00023	SAMPLE WEIGHT IN POUNDS	09/02/80-11/02/88	10	1.335	1.366	1.81	1.06	0.043	0.208	1.073	1.243	1.503	1.78
00024	SAMPLE LENGTH IN INCHES	09/02/80-11/02/88	10	13.875	13.997	15.75	12.6	0.847	0.92	12.679	13.39	14.668	15.671
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	10	47.	80.8	200.	8.	5516.622	74.274	8.8	19.	140.	200.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	11	580.	574.545	680.	360.	9067.273	95.222	384.	530.	640.	680.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	11	8.1	8.273	10.3	6.5	1.222	1.106	6.62	7.9	8.6	10.24
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	11	4.1	4.782	11.	1.9	9.046	3.008	1.9	2.1	7.8	10.4
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	11	26.	25.455	33.	13.	39.073	6.251	14.4	20.	31.	33.
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	11	7.6	7.673	7.9	7.6	0.012	0.11	7.6	7.6	7.8	7.88
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	11	7.6	7.661	7.9	7.6	0.012	0.111	7.6	7.6	7.8	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	11	0.025	0.022	0.025	0.013	0.	0.005	0.013	0.016	0.025	0.025
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	11	7.6	7.609	7.9	7.3	0.027	0.164	7.34	7.5	7.7	7.88
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	11	7.6	7.581	7.9	7.3	0.028	0.167	7.34	7.5	7.7	7.88
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	11	0.025	0.026	0.05	0.013	0.	0.01	0.013	0.02	0.032	0.046
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	11	168.	168.273	208.	92.	1068.818	32.693	102.2	150.	196.	206.
00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	11	440.	420.	480.	330.	2560.	50.596	332.	380.	460.	478.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	11	35.	36.818	79.	9.	560.364	23.672	9.2	14.	49.	77.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	11	7.	6.727	12.	2.	11.218	3.349	2.	4.	9.	11.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	10	0.7	0.64	1.2	0.2	0.1	0.317	0.2	0.35	0.825	1.17
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	10	1.45	1.36	1.8	0.7	0.145	0.381	0.71	1.025	1.65	1.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	10	1.2	1.25	2.2	0.7	0.216	0.465	0.71	0.8	1.525	2.14
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	10	0.175	0.194	0.35	0.07	0.01	0.099	0.07	0.115	0.273	0.349
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	11	7.7	7.764	11.3	4.5	4.751	2.18	4.6	5.8	9.6	11.16
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	11	0.005	0.005	0.006	0.005	0.	0.	0.005	0.005	0.005	0.006
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	11	254.	249.364	288.	144.	1814.255	42.594	159.	229.	282.	288.
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/27/92	11	170.	162.727	190.	100.	724.418	26.915	108.2	147.	186.	190.
00920	MAGNESIUM (MG/L AS CACO3)	01/28/81-12/18/85	11	92.	86.636	110.	44.	329.655	18.156	50.2	78.	100.	108.4
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	11	24.	26.545	47.	14.	80.273	8.96	14.8	21.	33.	44.4
00937	POTASSIUM, TOTAL MG/L AS K)	01/28/81-12/18/85	11	3.6	3.664	4.6	3.	0.295	0.543	3.02	3.2	4.2	4.56
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	11	45.	46.545	88.	26.	246.873	15.712	27.	42.	49.	80.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	11	66.	65.273	82.	36.	167.418	12.939	40.	59.	77.	81.2
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	11	0.4	0.382	0.6	0.2	0.012	0.108	0.22	0.3	0.4	0.58
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-06/24/92	5	7.7	8.7	11.	6.5	4.595	2.144	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	10	2.	1.6	2.	1.	0.267	0.516	1.	1.	2.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	11	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	11	10.	10.909	20.	10.	9.091	3.015	10.	10.	10.	18.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	11	10.	12.727	40.	10.	81.818	9.045	10.	10.	10.	34.
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	11	5.	5.364	8.	4.	1.855	1.362	4.	4.	6.	7.8
01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	11	1500.	1711.818	4000.	440.	1242816.364	1114.817	470.	800.	2100.	3880.

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Annual Analysis for 1982 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	11	10.	11.818	20.	10.	16.364	4.045	10.	10.	10.	20.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	11	150.	153.636	210.	100.	1605.455	40.068	102.	120.	200.	208.
01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	11	20.	26.364	40.	10.	105.455	10.269	12.	20.	40.	40.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-12/18/85	7	36000.	46400.	98000.	7300.	1396803333.333	37373.832	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-12/18/85	7	4.556	4.491	4.991	3.863	0.221	0.47	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			30973.573								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	9	800.	1268.889	3400.	80.	1258211.111	1121.7	80.	540.	2300.	3400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	9	2.903	2.915	3.531	1.903	0.237	0.486	1.903	2.732	3.36	3.531
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			821.535								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	11	5.	5.182	6.	5.	0.164	0.405	5.	5.	5.	6.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	11	380.	370.	430.	220.	3440.	58.652	242.	350.	410.	428.
71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	11	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/02/80-11/02/88	14	1.	2.143	5.	1.	3.516	1.875	1.	1.	5.	5.

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Annual Analysis for 1983 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	10	14.5	13.3	27.	0.	87.567	9.358	0.4	4.75	20.75	26.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	10	24.	32.6	90.	12.	597.378	24.441	12.2	18.5	38.	87.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	9	550.	548.889	680.	460.	4886.111	69.901	460.	480.	585.	680.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	10	8.55	8.71	11.5	6.4	2.485	1.577	6.45	7.5	9.95	11.39
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	9	2.6	2.567	3.8	1.3	0.58	0.762	1.3	2.1	3.15	3.8
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	10	18.	21.6	41.	12.	96.489	9.823	12.2	14.	31.	40.3
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.7	7.689	7.8	7.6	0.006	0.078	7.6	7.6	7.75	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.7	7.683	7.8	7.6	0.006	0.078	7.6	7.6	7.75	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	9	0.02	0.021	0.025	0.016	0.	0.004	0.016	0.018	0.025	0.025
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	9	7.5	7.556	7.9	7.4	0.02	0.142	7.4	7.5	7.6	7.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	9	7.5	7.538	7.9	7.4	0.021	0.144	7.4	7.5	7.6	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	9	0.032	0.029	0.04	0.013	0.	0.008	0.013	0.025	0.032	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	9	177.	170.222	192.	132.	320.194	17.894	132.	159.5	182.	192.
00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	9	400.	402.889	500.	310.	3093.111	55.616	310.	370.	442.	500.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	9	21.	31.	81.	8.	710.5	26.655	8.	14.5	49.5	81.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	7	6.	6.857	14.	1.	23.476	4.845	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	10	0.35	0.37	0.7	0.2	0.027	0.164	0.2	0.2	0.5	0.68
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	10	1.	0.98	1.4	0.6	0.053	0.23	0.61	0.85	1.125	1.38
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	10	1.15	1.32	2.4	0.7	0.291	0.539	0.71	0.95	1.825	2.35
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	10	0.125	0.138	0.28	0.03	0.007	0.083	0.031	0.078	0.208	0.278
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	10	6.25	7.2	15.4	3.8	12.238	3.498	3.84	5.4	7.825	14.98
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	10	0.005	0.008	0.035	0.005	0.	0.009	0.005	0.005	0.005	0.032
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	9	258.	258.889	300.	218.	540.111	23.24	218.	245.	274.	300.
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/27/92	9	172.	176.111	208.	145.	298.111	17.266	145.	169.	186.	208.
00920	MAGNESIUM (MG/L AS CACO3)	01/28/81-12/18/85	9	86.	82.778	98.	50.	201.444	14.193	50.	77.5	92.	98.
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	10	21.	20.5	26.	15.	11.833	3.44	15.2	17.75	23.25	25.8
00937	POTASSIUM, TOTAL MG/L AS K)	01/28/81-12/18/85	10	3.65	3.73	4.8	2.5	0.536	0.732	2.55	3.225	4.35	4.77
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	9	39.	40.	65.	26.	110.5	10.512	26.	35.5	41.5	65.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	9	66.	68.	82.	54.	92.5	9.618	54.	61.	77.5	82.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	9	0.3	0.344	0.5	0.2	0.008	0.088	0.2	0.3	0.4	0.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-06/24/92	9	7.5	7.7	11.	3.5	5.233	2.287	3.5	6.2	9.75	11.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	10	2.	1.6	2.	1.	0.267	0.516	1.	1.	2.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	10	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	9	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	10	5.	4.6	5.	4.	0.267	0.516	4.	4.	5.	5.
01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	10	1250.	1555.	3800.	550.	977472.222	988.672	570.	900.	1950.	3690.

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Annual Analysis for 1983 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	10	115.	127.	210.	80.	1534.444	39.172	82.	100.	147.5	206.
01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	10	20.	24.	90.	10.	582.222	24.129	10.	10.	22.5	84.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-12/18/85	10	11700.	21080.	91000.	1000.	730819555.556	27033.674	1120.	2950.	29000.	84800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-12/18/85	10	4.018	3.996	4.959	3.	0.371	0.609	3.034	3.464	4.462	4.909
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9910.974								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	10	375.	1350.	8200.	10.	6584511.111	2566.03	11.	35.	1402.5	7680.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	10	2.573	2.43	3.914	1.	0.85	0.922	1.03	1.527	3.074	3.87
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			269.398								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	10	5.	5.1	6.	5.	0.1	0.316	5.	5.	5.	5.9
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	8	370.	425.25	870.	300.	33917.643	184.167	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	10	0.1	0.14	0.4	0.1	0.009	0.097	0.1	0.1	0.125	0.38

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Annual Analysis for 1984 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	12	12.	13.917	25.	5.	54.992	7.416	5.3	7.25	21.75	24.7
00023	SAMPLE WEIGHT IN POUNDS	09/02/80-11/02/88	10	4.345	4.42	7.69	1.63	5.531	2.352	1.648	2.238	7.265	7.652
00024	SAMPLE LENGTH IN INCHES	09/02/80-11/02/88	10	19.59	19.655	24.61	14.57	14.396	3.794	14.727	16.29	24.26	24.59
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	11	20.	28.091	104.	10.	695.291	26.368	10.	17.	27.	90.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	12	560.	565.833	670.	500.	3135.606	55.996	503.	520.	615.	661.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	12	9.05	8.683	12.1	6.	4.902	2.214	6.	6.4	10.675	11.74
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	12	2.6	2.508	3.5	1.	0.503	0.709	1.18	2.125	3.05	3.44
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	11	18.	17.818	26.	10.	31.964	5.654	10.2	11.	23.	25.6
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	10	7.8	7.78	8.1	7.4	0.046	0.215	7.41	7.65	7.925	8.09
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	10	7.8	7.73	8.1	7.4	0.049	0.221	7.41	7.65	7.925	8.09
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	10	0.016	0.019	0.04	0.008	0.	0.01	0.008	0.012	0.023	0.039
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	12	7.45	7.442	7.6	7.3	0.008	0.09	7.3	7.4	7.5	7.57
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	12	7.447	7.433	7.6	7.3	0.008	0.09	7.3	7.4	7.5	7.57
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	12	0.036	0.037	0.05	0.025	0.	0.008	0.027	0.032	0.04	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	160.	170.25	280.	130.	1524.75	39.048	133.	142.75	181.	253.
00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	11	420.	410.	450.	370.	820.	28.636	372.	380.	430.	450.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	12	22.	27.583	78.	7.	379.902	19.491	7.3	15.25	35.25	68.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	11	6.	14.364	99.	3.	791.855	28.14	3.2	4.	8.	81.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	11	0.3	0.318	0.8	0.1	0.032	0.178	0.12	0.2	0.3	0.72
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	11	0.9	0.936	1.4	0.5	0.073	0.269	0.52	0.8	1.1	1.38
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	11	1.1	1.327	2.4	0.6	0.388	0.623	0.66	0.9	2.2	2.36
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	11	0.11	0.106	0.17	0.05	0.001	0.031	0.056	0.09	0.12	0.162
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	11	5.5	5.236	6.9	3.4	1.797	1.34	3.44	3.7	6.7	6.86
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	11	0.005	0.006	0.018	0.003	0.	0.005	0.003	0.003	0.006	0.017
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	249.	251.333	280.	210.	445.333	21.103	216.	240.	273.	278.8
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/27/92	11	174.	169.273	190.	140.	216.218	14.704	144.	160.	182.	189.2
00920	MAGNESIUM (MG/L AS CACO3)	01/28/81-12/18/85	11	80.	83.091	102.	70.	105.891	10.29	70.	74.	92.	100.4
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	10	22.	21.3	27.	14.	17.344	4.165	14.3	17.75	25.	26.8
00937	POTASSIUM, TOTAL MG/L AS K)	01/28/81-12/18/85	10	4.1	4.28	5.7	3.2	0.686	0.828	3.21	3.675	4.925	5.66
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	12	38.5	40.25	54.	31.	53.295	7.3	31.6	34.25	46.75	52.5
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	12	67.	67.833	82.	57.	75.424	8.685	57.	58.5	75.5	80.5
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	11	0.4	0.409	0.5	0.3	0.007	0.083	0.3	0.3	0.5	0.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-06/24/92	10	0.75	0.82	1.1	0.5	0.04	0.199	0.52	0.7	1.025	1.1
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	11	2.	1.545	2.	1.	0.273	0.522	1.	1.	2.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	11 ##	1.	1.455	2.	1.	0.273	0.522	1.	1.	2.	2.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	12 ##	7.5	7.5	10.	5.	6.818	2.611	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	11	10.	11.364	40.	5.	110.455	10.51	5.	5.	10.	36.
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	11	5.	4.636	6.	2.	1.255	1.12	2.4	4.	5.	6.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	11	1100.	1146.364	1900.	470.	171785.455	414.47	506.	990.	1400.	1860.
01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	11	10.	8.182	10.	5.	6.364	2.523	5.	5.	10.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	11	110.	118.182	170.	80.	1076.364	32.808	80.	90.	140.	168.
01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	11 ##	5.	7.273	10.	5.	6.818	2.611	5.	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	11	10.	14.545	30.	10.	47.273	6.876	10.	10.	20.	28.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-12/18/85	11	18000.	42409.091	260000.	800.	5760770909.091	75899.742	1060.	3900.	35000.	224800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-12/18/85	11	4.255	4.142	5.415	2.903	0.508	0.713	2.987	3.591	4.544	5.317
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13860.431								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	420.	895.455	4300.	210.	1377687.273	1173.749	234.	340.	1000.	3660.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	2.623	2.764	3.633	2.322	0.139	0.373	2.361	2.531	3.	3.515
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			580.932								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	10 ##	3.75	3.85	6.	2.5	2.114	1.454	2.5	2.5	5.	5.9
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	11	340.	321.182	390.	93.	6711.364	81.923	130.4	320.	370.	388.
71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	11	0.1	0.082	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/02/80-11/02/88	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	11	15.	14.727	25.	2.	54.418	7.377	2.2	10.	20.	24.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	12	15.	30.	200.	6.	2896.909	53.823	6.6	10.	19.75	147.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	12	585.	794.167	3300.	450.	627299.242	792.022	459.	500.	647.5	2508.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	12	7.95	8.1	10.3	6.5	1.784	1.336	6.56	6.7	9.45	10.12
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	12	2.3	2.375	3.7	0.5	0.64	0.8	0.95	2.025	2.775	3.61
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	12	14.	16.708	48.	2.5	147.839	12.159	3.85	8.5	23.5	41.4
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	10	7.6	7.58	7.9	7.	0.066	0.257	7.04	7.475	7.8	7.89
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	10	7.6	7.498	7.9	7.	0.074	0.271	7.04	7.475	7.8	7.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	10	0.025	0.032	0.1	0.013	0.001	0.025	0.013	0.016	0.034	0.094
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	12	7.45	7.45	7.7	7.	0.034	0.183	7.09	7.4	7.6	7.67
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	12	7.447	7.409	7.7	7.	0.035	0.188	7.09	7.4	7.6	7.67
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	12	0.036	0.039	0.1	0.02	0.	0.021	0.022	0.025	0.04	0.085
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	166.5	161.917	192.	92.	702.265	26.5	107.6	152.	176.5	192.
00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	12	417.	423.75	648.	342.	6720.932	81.981	342.3	371.75	455.	592.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	12	15.5	42.583	340.	5.	8823.538	93.934	5.	10.	24.5	245.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	11	4.	6.818	26.	1.	59.764	7.731	1.	2.	11.	23.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	12	0.3	0.383	0.8	0.1	0.042	0.204	0.13	0.225	0.575	0.74
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	12	1.1	1.183	2.3	0.9	0.145	0.381	0.9	1.	1.25	2.03
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	12	1.05	1.283	2.2	0.8	0.265	0.515	0.8	0.825	1.75	2.17
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	12	0.09	0.112	0.42	0.05	0.01	0.099	0.053	0.063	0.108	0.327
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-06/19/85	6	5.6	5.467	6.9	4.3	0.867	0.931	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	12 ##	0.003	0.004	0.017	0.003	0.	0.004	0.003	0.003	0.003	0.014
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	249.	247.917	296.	144.	1695.72	41.179	165.6	231.75	281.	293.6
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/27/92	12	166.	163.667	206.	98.	964.242	31.052	105.8	146.	187.	204.2
00920	MAGNESIUM (MG/L AS CACO3)	01/28/81-12/18/85	10	80.	78.3	124.	21.	1005.344	31.707	23.5	50.5	107.	122.6
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	12	22.5	21.55	30.	7.6	35.994	5.999	10.42	17.25	25.75	29.1
00937	POTASSIUM, TOTAL MG/L AS K)	01/28/81-12/18/85	12	4.25	4.675	7.5	3.4	1.906	1.38	3.49	3.825	4.775	7.5
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	12	45.5	40.917	49.	15.	101.902	10.095	19.2	36.5	47.	48.7
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	12	67.5	66.917	84.	37.	178.083	13.345	42.1	59.25	76.	84.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	12	0.4	0.408	0.7	0.2	0.015	0.124	0.23	0.325	0.475	0.64
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-06/24/92	7	0.8	2.064	6.	0.05	5.752	2.398	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	12	1.	1.542	5.	0.7	1.417	1.19	0.76	0.925	2.	4.1
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	11 ##	1.	0.918	1.	0.1	0.074	0.271	0.28	1.	1.	1.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	12 ##	5.	7.083	30.	5.	52.083	7.217	5.	5.	5.	22.5
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	12 ##	3.	5.5	20.	2.	36.273	6.023	2.	2.	5.	18.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	12	975.	2203.333	16000.	470.	18963678.788	4354.731	506.	657.5	1312.5	11620.
01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	12 ##	5.	7.917	20.	5.	33.902	5.823	5.	5.	8.75	20.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	11	140.	176.364	480.	90.	12745.455	112.896	90.	100.	230.	432.
01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	12 ##	5.	5.417	10.	5.	2.083	1.443	5.	5.	5.	8.5
01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	12	10.	17.5	60.	10.	202.273	14.222	10.	10.	20.	48.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-12/18/85	12	7550.	12404.167	38000.	150.	166082935.606	12887.317	345.	4000.	21900.	36800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-12/18/85	12	3.87	3.775	4.58	2.176	0.474	0.689	2.394	3.602	4.324	4.565
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5953.295								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	12	250.	1038.333	3600.	5.	1667701.515	1291.395	17.	87.5	2400.	3270.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	12	2.397	2.494	3.556	0.699	0.739	0.86	0.985	1.92	3.38	3.509
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			312.029								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	12 ##	2.5	4.583	25.	2.5	41.856	6.47	2.5	2.5	2.5	19.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	11	352.	351.091	428.	210.	3340.091	57.794	231.4	324.	400.	422.4
71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	12 ##	0.05	0.067	0.1	0.05	0.001	0.025	0.05	0.05	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	12	12.	12.417	25.	3.	54.629	7.391	3.3	5.	19.25	23.8
00023	SAMPLE WEIGHT IN POUNDS	09/02/80-11/02/88	15	9.07	8.335	18.27	0.26	42.433	6.514	0.314	0.54	13.57	18.042
00024	SAMPLE LENGTH IN INCHES	09/02/80-11/02/88	15	25.39	22.038	30.51	10.83	55.47	7.448	11.298	13.07	27.36	30.51
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	12	14.5	14.833	29.	1.	69.061	8.31	2.8	8.	22.	28.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	12	510.	576.333	996.	410.	30174.061	173.707	411.2	461.25	665.	935.7
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	12	8.15	8.708	12.1	6.2	4.255	2.063	6.32	6.85	10.8	11.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	6	2.5	2.917	5.	1.6	1.41	1.187	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	12	15.	19.708	47.	2.5	172.294	13.126	3.55	9.25	28.75	43.4
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	12	7.65	7.625	8.	7.1	0.051	0.226	7.19	7.525	7.775	7.94
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	12	7.647	7.564	8.	7.1	0.055	0.235	7.19	7.525	7.775	7.94
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	12	0.023	0.027	0.079	0.01	0.	0.018	0.012	0.017	0.03	0.068
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	12	7.8	7.8	8.	7.6	0.016	0.128	7.63	7.7	7.9	8.
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	12	7.8	7.783	8.	7.6	0.017	0.129	7.63	7.7	7.9	8.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	12	0.016	0.016	0.025	0.01	0.	0.005	0.01	0.013	0.02	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	178.	178.	194.	160.	85.818	9.264	163.6	172.	184.	192.8
00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	12	413.5	414.167	533.	304.	3482.515	59.013	320.5	381.	457.	513.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	12	16.	17.667	36.	7.	99.697	9.985	7.	7.5	25.5	34.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	12	0.3	0.308	0.7	0.1	0.023	0.151	0.13	0.2	0.375	0.61
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	12	1.15	1.083	1.6	0.7	0.102	0.319	0.7	0.8	1.35	1.57
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	12	1.45	1.35	2.2	0.7	0.203	0.45	0.76	0.925	1.675	2.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	12	0.095	0.098	0.14	0.05	0.001	0.031	0.056	0.07	0.13	0.137
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	12 ##	0.003	0.004	0.01	0.003	0.	0.002	0.003	0.003	0.005	0.009
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	272.	267.583	306.	235.	474.083	21.773	235.9	246.5	284.5	300.
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	12	43.	48.75	97.	32.	283.295	16.831	34.1	40.	54.5	85.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	12	0.5	0.492	0.8	0.4	0.014	0.116	0.4	0.4	0.5	0.74
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-06/24/92	9	3.	2.778	4.	1.	0.944	0.972	1.	2.	3.5	4.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	12	1.	1.167	2.	0.7	0.266	0.516	0.7	0.8	1.75	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/27/92	8	40.	36.25	40.	30.	26.786	5.175	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	12 ##	5.	6.5	23.	5.	27.	5.196	5.	5.	5.	17.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	12 ##	5.	5.083	6.	5.	0.083	0.289	5.	5.	5.	5.7
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	11	5.	4.455	6.	2.	2.873	1.695	2.	2.	6.	6.
01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	12	935.	1093.333	2100.	530.	212878.788	461.388	554.	735.	1400.	1950.
01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	12 ##	5.	5.833	10.	5.	3.788	1.946	5.	5.	5.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	11	180.	176.364	250.	100.	1405.455	37.489	110.	150.	200.	240.
01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	11 ##	5.	5.455	10.	5.	2.273	1.508	5.	5.	5.	9.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/27/92	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	12	20.	20.833	40.	10.	62.879	7.93	10.	20.	20.	37.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/27/92	8	0.65	0.713	1.	0.4	0.044	0.21	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	470.	866.364	3300.	140.	1110145.455	1053.634	142.	180.	1000.	3140.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	11	2.672	2.694	3.519	2.146	0.218	0.467	2.152	2.255	3.	3.494
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			494.001								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	12	367.	377.833	494.	297.	2741.424	52.359	307.5	341.5	405.25	476.3
71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	11 ##	0.05	0.059	0.1	0.05	0.	0.02	0.05	0.05	0.05	0.1
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/02/80-11/02/88	21	1.	2.143	5.	1.	3.429	1.852	1.	1.	5.	5.

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Annual Analysis for 1987 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	11	16.	13.818	23.	0.	66.364	8.146	0.8	6.	21.	23.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	10	17.	28.2	140.	7.	1609.956	40.124	7.	7.75	26.	129.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	11	374.	392.182	535.	330.	3439.964	58.651	331.2	342.	415.	514.6
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	11	7.5	8.3	12.5	5.1	7.01	2.648	5.2	5.8	11.5	12.36
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	5	2.6	2.48	3.4	1.5	0.517	0.719	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	11	18.	21.455	41.	13.	60.673	7.789	13.6	17.	25.	38.4
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	10	7.6	7.53	8.	6.5	0.16	0.4	6.59	7.475	7.725	7.98
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	10	7.6	7.271	8.	6.5	0.234	0.484	6.59	7.475	7.725	7.98
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	10	0.025	0.054	0.316	0.01	0.009	0.093	0.011	0.019	0.034	0.289
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	11	7.7	7.645	7.8	7.1	0.047	0.216	7.16	7.6	7.8	7.8
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	11	7.7	7.583	7.8	7.1	0.051	0.226	7.16	7.6	7.8	7.8
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	11	0.02	0.026	0.079	0.016	0.	0.019	0.016	0.016	0.025	0.072
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	11	180.	174.909	204.	134.	533.891	23.106	136.4	160.	194.	203.2
00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	11	410.	405.727	469.	335.	2177.818	46.667	339.6	364.	452.	467.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	11	17.	31.455	176.	5.	2392.273	48.911	5.4	9.	30.	148.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	11	0.4	0.4	0.6	0.3	0.008	0.089	0.3	0.3	0.4	0.58
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	11	1.1	1.209	2.3	0.9	0.155	0.394	0.92	1.	1.2	2.14
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	11	1.2	1.255	2.3	0.5	0.231	0.48	0.56	0.9	1.5	2.18
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	11	0.08	0.107	0.41	0.05	0.011	0.103	0.05	0.06	0.11	0.352
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	10 ##	0.003	0.004	0.012	0.003	0.	0.003	0.003	0.003	0.005	0.011
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	11	252.	253.273	294.	200.	1262.618	35.533	202.8	224.	288.	293.2
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	11	24.	23.909	30.	19.	16.491	4.061	19.	20.	28.	29.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	11	41.	43.545	54.	33.	50.273	7.09	34.	38.	51.	53.6
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	11	0.6	0.582	0.8	0.4	0.02	0.14	0.4	0.4	0.7	0.78
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-06/24/92	11	6.	4.818	7.	2.	4.564	2.136	2.	2.	7.	7.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	11	1.	1.564	4.	0.7	0.973	0.986	0.7	0.8	2.	3.6
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/27/92	11	30.	37.273	70.	30.	141.818	11.909	30.	30.	40.	64.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	11 ##	1.	1.182	3.	1.	0.364	0.603	1.	1.	1.	2.6
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	11	5.	5.636	17.	2.	15.455	3.931	2.4	4.	6.	14.8
01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	11	1000.	1780.909	9600.	580.	6860349.091	2619.227	594.	730.	1500.	8040.
01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	11	7.	8.818	21.	3.	36.364	6.03	3.	5.	10.	20.6
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	11	130.	165.455	410.	100.	8247.273	90.814	100.	110.	180.	376.
01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	11 ##	2.	3.727	9.	2.	5.218	2.284	2.	2.	5.	8.2
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/27/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	11	20.	24.545	70.	10.	267.273	16.348	10.	20.	30.	62.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/27/92	11	0.6	0.636	1.	0.2	0.071	0.266	0.2	0.5	0.9	0.98
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	10	560.	2060.	14000.	40.	18385488.889	4287.83	43.	107.5	1650.	12900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	10	2.719	2.693	4.146	1.602	0.599	0.774	1.626	2.021	3.179	4.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			492.877								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	11 ##	2.5	3.182	10.	2.5	5.114	2.261	2.5	2.5	2.5	8.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	11	332.	354.727	415.	272.	2558.618	50.583	279.2	320.	407.	414.2
71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	13	13.	13.385	26.	2.	64.256	8.016	2.4	6.5	20.5	25.6
00023	SAMPLE WEIGHT IN POUNDS	09/02/80-11/02/88	5	2.11	3.948	11.63	0.47	19.614	4.429	**	**	**	**
00024	SAMPLE LENGTH IN INCHES	09/02/80-11/02/88	5	17.52	19.094	27.56	11.61	36.645	6.054	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	8	12.	18.5	52.	8.	220.286	14.842	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	13	518.	519.615	880.	316.	20330.423	142.585	347.2	428.5	562.5	802.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	13	7.9	8.123	11.3	5.4	4.012	2.003	5.56	6.4	9.8	11.22
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	7	2.2	2.214	3.2	1.6	0.361	0.601	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	13	22.	23.	44.	13.	62.833	7.927	13.4	17.5	27.	37.6
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	13	7.8	7.785	8.2	7.3	0.071	0.267	7.34	7.6	8.	8.16
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	13	7.8	7.707	8.2	7.3	0.078	0.279	7.34	7.6	8.	8.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	13	0.016	0.02	0.05	0.006	0.	0.013	0.007	0.01	0.025	0.046
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	13	7.8	7.792	8.	7.5	0.016	0.126	7.58	7.7	7.9	7.96
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	13	7.8	7.775	8.	7.5	0.016	0.127	7.58	7.7	7.9	7.96
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	13	0.016	0.017	0.032	0.01	0.	0.005	0.011	0.013	0.02	0.027
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	13	164.	163.462	190.	142.	242.769	15.581	142.4	151.	177.	186.8
00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	13	402.	398.	512.	301.	3669.667	60.578	309.4	340.	440.	490.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	13	22.	29.462	77.	8.	486.103	22.048	8.4	12.5	46.5	70.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	13	0.2	0.285	0.5	0.2	0.011	0.107	0.2	0.2	0.4	0.46
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	13	1.1	1.108	1.5	0.7	0.086	0.293	0.74	0.8	1.4	1.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	13	1.2	1.408	2.1	0.8	0.256	0.506	0.8	0.95	2.	2.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	13	0.12	0.374	1.98	0.06	0.423	0.65	0.064	0.07	0.165	1.86
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	13 ##	0.003	0.006	0.017	0.003	0.	0.005	0.003	0.003	0.007	0.017
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	13	254.	255.077	288.	212.	538.41	23.204	220.	236.	275.	286.4
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	12	23.5	25.167	39.	18.	38.333	6.191	18.3	20.	29.	36.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	13	42.	44.846	70.	34.	110.474	10.511	34.	35.5	53.	63.6
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	13	0.4	0.446	0.7	0.3	0.014	0.12	0.3	0.35	0.5	0.66
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-06/24/92	12	6.5	6.167	8.	4.	1.97	1.403	4.	5.	7.	8.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	12	1.	1.392	2.	0.8	0.292	0.54	0.83	1.	2.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/27/92	12	30.	36.667	50.	30.	78.788	8.876	30.	30.	47.5	50.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	12 ##	1.	0.925	1.	0.1	0.067	0.26	0.37	1.	1.	1.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	13 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	12 ##	5.	8.333	30.	5.	65.152	8.072	5.	5.	5.	27.
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	12	7.	6.917	10.	4.	3.902	1.975	4.	5.25	8.75	9.7
01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	12	1250.	1662.5	3800.	650.	1204729.545	1097.602	677.	830.	2725.	3650.
01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	12	13.	16.417	38.	3.	108.447	10.414	4.5	9.25	25.	35.9
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	12	135.	176.667	620.	80.	21442.424	146.432	83.	100.	187.5	500.
01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	12 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	12	25.	32.5	120.	10.	856.818	29.271	10.	20.	37.5	96.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/27/92	12	0.65	0.767	2.	0.2	0.219	0.468	0.26	0.425	1.	1.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	4	630.	790.	1400.	500.	170800.	413.28	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	4	2.798	2.86	3.146	2.699	0.039	0.198	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			724.868								
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	9	140.	2340.556	9900.	5.	12418477.778	3523.986	5.	60.	4900.	9900.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	9	2.146	2.537	3.996	0.699	1.233	1.11	0.699	1.778	3.683	3.996
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			344.344								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	12 ##	2.5	2.875	7.	2.5	1.688	1.299	2.5	2.5	2.5	5.65
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	13	365.	357.385	432.	282.	2341.423	48.388	285.6	303.	390.	425.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	12 ##	0.05	0.45	2.6	0.05	0.837	0.915	0.05	0.05	0.1	2.48
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/02/80-11/02/88	6	1.	1.333	3.	1.	0.667	0.816	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	12	14.65	14.508	25.2	3.	63.959	7.997	3.03	5.75	21.075	24.96
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	6	6.	7.	12.	5.	7.2	2.683	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	12	507.	524.75	629.	426.	4034.568	63.518	437.7	483.	595.25	623.3
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	12	8.1	8.433	11.5	6.4	2.259	1.503	6.64	7.375	9.1	11.32
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	6	2.45	2.317	2.9	1.6	0.23	0.479	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	12	21.	23.75	53.	12.	163.295	12.779	12.9	15.	24.	50.9
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	12	7.67	7.662	8.	7.4	0.038	0.195	7.4	7.478	7.8	7.97
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	12	7.669	7.623	8.	7.4	0.04	0.2	7.4	7.477	7.8	7.97
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	12	0.021	0.024	0.04	0.01	0.	0.01	0.011	0.016	0.033	0.04
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	12	7.95	7.942	8.2	7.6	0.032	0.178	7.63	7.825	8.1	8.17
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	12	7.947	7.906	8.2	7.6	0.033	0.182	7.63	7.825	8.1	8.17
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	12	0.011	0.012	0.025	0.006	0.	0.006	0.007	0.008	0.015	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	169.	165.917	178.	148.	124.811	11.172	148.6	152.5	176.	177.4
00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	12	376.5	398.75	608.	310.	5517.841	74.282	321.1	364.5	420.75	557.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	12	18.	29.083	178.	2.	2257.72	47.515	3.2	8.	23.75	132.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	12	0.2	0.229	0.4	0.05	0.007	0.086	0.095	0.2	0.3	0.37
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	12	0.9	0.9	1.8	0.3	0.133	0.364	0.39	0.7	1.	1.62
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	12	1.05	1.275	2.1	0.8	0.208	0.456	0.8	1.	1.675	2.07
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	12	0.085	0.111	0.3	0.05	0.005	0.068	0.053	0.073	0.135	0.258
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	12 ##	0.003	0.004	0.009	0.003	0.	0.002	0.003	0.003	0.005	0.008
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	251.	248.5	286.	208.	448.273	21.172	212.8	233.25	263.75	281.2
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	12	24.5	24.583	31.	19.	13.72	3.704	19.	22.25	26.75	30.7
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	12	45.	45.667	53.	37.	27.333	5.228	38.2	41.5	51.75	53.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	12	0.5	0.483	0.6	0.3	0.007	0.083	0.33	0.425	0.5	0.6
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-06/24/92	12	5.	5.833	9.	4.	1.97	1.403	4.3	5.	7.	8.4
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	12	1.	1.383	4.	0.8	0.847	0.92	0.8	1.	1.75	3.4
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/27/92	12	40.	38.333	70.	30.	124.242	11.146	30.	30.	40.	61.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	12 ##	1.	1.25	4.	1.	0.75	0.866	1.	1.	1.	3.1
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	12 ##	5.	9.167	40.	5.	112.879	10.624	5.	5.	5.	34.
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	12	6.	5.75	12.	2.	6.205	2.491	2.6	4.	6.	10.8
01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	12	1050.	1795.	9500.	680.	5973827.273	2444.141	698.	905.	1400.	7160.
01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	12	13.5	14.25	24.	8.	32.386	5.691	8.	9.25	18.75	23.7
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	12	100.	120.	320.	50.	5327.273	72.988	56.	82.5	125.	284.
01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	12 ##	2.	2.833	10.	2.	5.424	2.329	2.	2.	2.	8.2
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	12	20.	23.333	50.	10.	133.333	11.547	10.	20.	27.5	47.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/27/92	12	1.	6.096	60.	0.25	288.633	16.989	0.445	1.	1.75	42.9
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	12	170.	898.333	6500.	30.	3464269.697	1861.255	36.	105.	505.	5210.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	12	2.211	2.402	3.813	1.477	0.444	0.666	1.544	2.02	2.7	3.672
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			252.427								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	12 ##	2.5	3.5	9.	2.5	5.5	2.345	2.5	2.5	2.5	8.7
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	12	362.5	359.583	413.	285.	1035.72	32.183	300.	346.25	376.5	407.9
71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	12 ##	0.05	0.071	0.2	0.05	0.002	0.045	0.05	0.05	0.088	0.17

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	10	16.45	14.9	25.	4.1	51.347	7.166	4.26	7.95	20.725	24.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	4	22.	20.2	30.	6.8	136.693	11.692	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	8	541.	525.125	578.	441.	2474.982	49.749	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	9	8.1	8.844	14.4	5.1	8.61	2.934	5.1	6.5	10.9	14.4
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	5	1.7	1.9	2.7	1.2	0.395	0.628	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	12	19.5	22.5	60.	12.	155.727	12.479	12.6	17.25	21.75	50.4
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.66	7.623	7.88	7.36	0.035	0.187	7.36	7.415	7.77	7.88
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.66	7.587	7.88	7.36	0.036	0.19	7.36	7.415	7.77	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	9	0.022	0.026	0.044	0.013	0.	0.011	0.013	0.017	0.038	0.044
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	12	7.95	7.875	8.1	7.2	0.06	0.245	7.35	7.8	8.	8.1
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	12	7.947	7.787	8.1	7.2	0.069	0.262	7.35	7.8	8.	8.1
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	12	0.011	0.016	0.063	0.008	0.	0.015	0.008	0.01	0.016	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	170.	163.417	193.	88.	737.356	27.154	103.6	159.5	179.5	189.1
00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	12	398.5	402.583	610.	322.	5977.72	77.316	325.	338.75	432.	558.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	12	17.	52.833	440.	6.	15048.879	122.674	6.	8.	26.	324.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	12	0.2	0.163	0.3	0.05	0.008	0.091	0.05	0.063	0.2	0.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	12	0.8	0.842	1.7	0.4	0.115	0.34	0.46	0.7	0.8	1.58
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	12	1.15	1.3	2.3	0.6	0.38	0.616	0.6	0.825	1.925	2.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	12	0.07	0.116	0.51	0.06	0.016	0.126	0.06	0.06	0.1	0.399
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	12 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	240.	232.333	272.	113.	1759.333	41.944	142.7	222.	260.	269.
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	12	22.	21.808	28.	5.7	39.386	6.276	9.69	19.	27.75	28.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	12	40.	40.333	56.	13.	130.424	11.42	19.6	35.	50.25	55.1
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	12	0.4	0.4	0.5	0.1	0.015	0.121	0.16	0.325	0.5	0.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-06/24/92	12	5.9	6.975	16.2	4.5	10.311	3.211	4.65	5.075	8.05	14.04
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	12	1.	1.617	8.	0.8	4.14	2.035	0.8	0.9	1.	6.2
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/27/92	12	30.	35.833	70.	30.	135.606	11.645	30.	30.	40.	61.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	12	5.	5.75	17.	2.	13.659	3.696	2.6	4.25	5.75	13.7
01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	12	920.	2344.167	17000.	410.	21573990.152	4644.781	494.	720.	1250.	12650.
01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	12	7.	7.167	15.	3.	19.97	4.469	3.	3.	11.	14.7
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	12	95.	120.833	390.	30.	9153.788	95.675	42.	72.5	107.5	339.
01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	12 ##	2.	2.833	12.	2.	8.333	2.887	2.	2.	2.	9.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	12	20.	20.	70.	10.	272.727	16.514	10.	10.	20.	55.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/27/92	11 ##	0.25	0.391	0.8	0.25	0.035	0.188	0.25	0.25	0.5	0.76
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	11	200.	559.545	2800.	5.	701292.273	837.432	24.	130.	590.	2520.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	11	2.301	2.351	3.447	0.699	0.499	0.706	0.959	2.114	2.771	3.387
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			224.178								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	11	334.	333.818	394.	128.	5568.564	74.623	164.4	331.	390.	393.6
71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	12 ##	0.05	0.067	0.2	0.05	0.002	0.044	0.05	0.05	0.05	0.17

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	8	17.45	15.588	28.6	4.9	86.504	9.301	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	8	573.	574.5	761.	443.	10034.	100.17	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	7	7.9	8.414	11.4	5.8	3.671	1.916	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	6 ##	0.85	1.133	2.4	0.5	0.627	0.792	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	12	21.	22.917	39.	11.	68.992	8.306	12.2	16.5	29.75	37.2
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	7	7.12	7.276	7.74	6.87	0.12	0.347	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	7	7.12	7.17	7.74	6.87	0.133	0.365	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	7	0.076	0.068	0.135	0.018	0.002	0.045	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	12	7.7	7.617	8.	7.1	0.071	0.266	7.16	7.4	7.8	7.97
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	12	7.7	7.537	8.	7.1	0.078	0.278	7.16	7.4	7.8	7.97
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	12	0.02	0.029	0.079	0.01	0.	0.02	0.011	0.016	0.04	0.071
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	162.	166.083	197.	126.	533.538	23.098	131.7	147.5	188.25	195.2
00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	12	415.	403.583	505.	305.	3365.72	58.015	315.2	352.5	422.75	499.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	12	18.5	34.583	140.	8.	1628.992	40.361	8.3	11.25	41.	125.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	12	0.15	0.142	0.2	0.05	0.004	0.063	0.05	0.1	0.2	0.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	12	1.	1.	1.5	0.4	0.098	0.313	0.49	0.8	1.275	1.47
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	12	1.05	1.233	2.6	0.7	0.353	0.594	0.7	0.725	1.625	2.39
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	12	0.07	0.09	0.24	0.04	0.004	0.063	0.04	0.043	0.105	0.225
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	11 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	239.	236.	275.	176.	871.818	29.527	184.4	220.	255.	274.7
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	12	23.5	25.	57.	15.	121.455	11.021	15.6	17.5	27.5	48.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	12	43.5	46.083	99.	31.	320.992	17.916	31.6	35.	47.75	85.2
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	12	0.3	0.325	0.4	0.2	0.004	0.062	0.23	0.3	0.4	0.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-06/24/92	12	6.5	6.133	10.	3.	4.032	2.008	3.3	4.25	7.45	9.4
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	12	1.	1.55	3.	0.8	0.677	0.823	0.8	1.	2.	3.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/27/92	12	40.	35.	50.	20.	81.818	9.045	20.	30.	40.	47.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	12 ##	1.	1.083	2.	1.	0.083	0.289	1.	1.	1.	1.7
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	12	5.5	6.5	10.	4.	4.636	2.153	4.3	5.	8.75	10.
01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	12	1100.	1765.	5700.	400.	2658609.091	1630.524	511.	842.5	2550.	5220.
01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	12 ##	3.	5.167	18.	3.	19.242	4.387	3.	3.	6.	15.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	12	85.	92.5	160.	30.	1511.364	38.876	39.	62.5	120.	157.
01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	12 ##	2.	2.667	6.	2.	1.697	1.303	2.	2.	3.5	5.4
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	12	20.	20.	30.	10.	72.727	8.528	10.	10.	30.	30.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/27/92	12 ##	0.425	0.517	1.	0.25	0.09	0.3	0.25	0.25	0.875	0.97
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	11	260.	877.273	3800.	20.	1561681.818	1249.673	34.	100.	1500.	3560.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	11	2.415	2.501	3.58	1.301	0.482	0.694	1.432	2.	3.176	3.547
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			316.732								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	12 ##	2.5	2.917	5.	2.5	0.947	0.973	2.5	2.5	2.5	5.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	10	348.5	346.4	484.	270.	3979.822	63.086	270.1	292.75	371.5	474.7
71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	5	8.3	13.02	24.	6.6	57.537	7.585	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	5	532.	533.2	566.	493.	1033.7	32.151	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	6	9.	9.183	12.2	7.	4.518	2.125	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	3	1.5	2.1	3.5	1.3	1.48	1.217	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	7	15.	13.071	18.	0.5	34.202	5.848	**	**	**	**
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	5	7.93	7.852	8.26	7.2	0.156	0.395	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	5	7.93	7.682	8.26	7.2	0.192	0.438	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	5	0.012	0.021	0.063	0.005	0.001	0.024	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	7	7.6	7.643	7.9	7.4	0.036	0.19	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	7	7.6	7.608	7.9	7.4	0.038	0.194	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	7	0.025	0.025	0.04	0.013	0.	0.01	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	7	175.	173.143	183.	158.	71.143	8.435	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	7	423.	416.286	466.	351.	1242.571	35.25	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	7	16.	19.429	40.	10.	105.286	10.261	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	7	0.2	0.171	0.2	0.1	0.002	0.049	**	**	**	**

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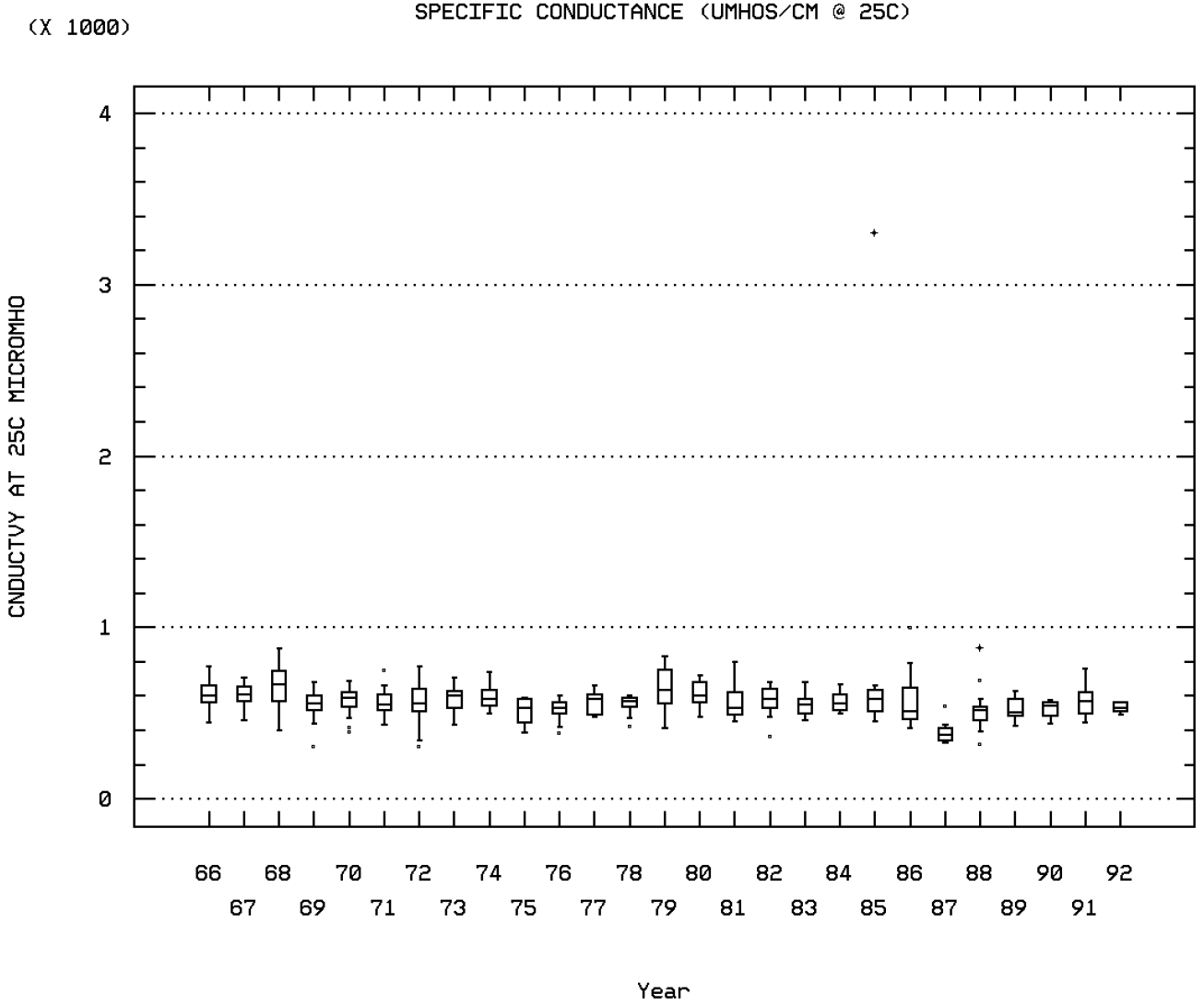
Annual Analysis for 1992 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	7	0.8	0.906	1.5	0.6	0.094	0.307	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	7	1.3	1.3	1.9	0.8	0.16	0.4	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	7	0.06	0.076	0.18	0.015	0.003	0.052	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	7 ##	0.003	0.003	0.008	0.003	0.	0.002	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	7	264.	255.429	286.	224.	653.286	25.559	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/27/92	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	7	28.	27.571	39.	17.	47.952	6.925	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	7	52.	43.857	57.	6.	334.476	18.289	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	6	0.4	0.383	0.5	0.3	0.006	0.075	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-06/24/92	6	6.	5.5	7.	4.	1.5	1.225	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	7	1.	1.014	2.	0.7	0.211	0.46	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/27/92	7	30.	31.429	40.	20.	47.619	6.901	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	7 ##	2.	5.429	20.	2.	43.286	6.579	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	7	4.	4.143	6.	2.	1.476	1.215	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	7	1000.	1054.286	1300.	790.	36595.238	191.299	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	7 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	7	100.	104.286	150.	80.	695.238	26.367	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	7 ##	2.	2.286	4.	2.	0.571	0.756	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/27/92	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	7	10.	11.429	20.	10.	14.286	3.78	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/27/92	7 ##	0.25	0.321	0.5	0.25	0.015	0.122	**	**	**	**
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	7	200.	385.786	1700.	0.5	359997.655	599.998	**	**	**	**
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	7	2.301	1.927	3.23	-0.301	1.324	1.151	**	**	**	**
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			84.437								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	7	358.	351.857	405.	300.	1724.81	41.531	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	7 ##	0.05	0.057	0.1	0.05	0.	0.019	**	**	**	**

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Station: INDU0179 Parameter Code: 00095

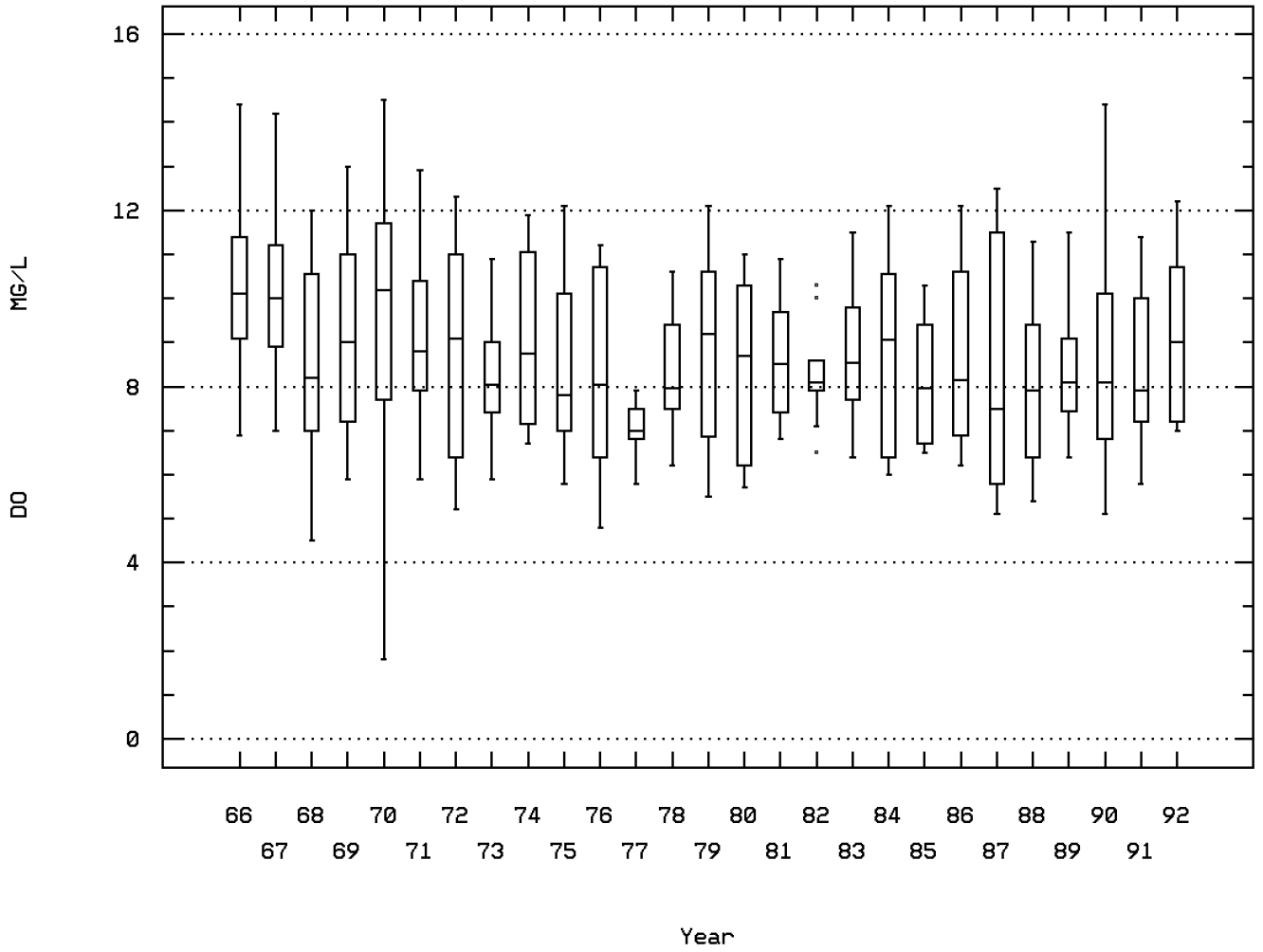
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 00300

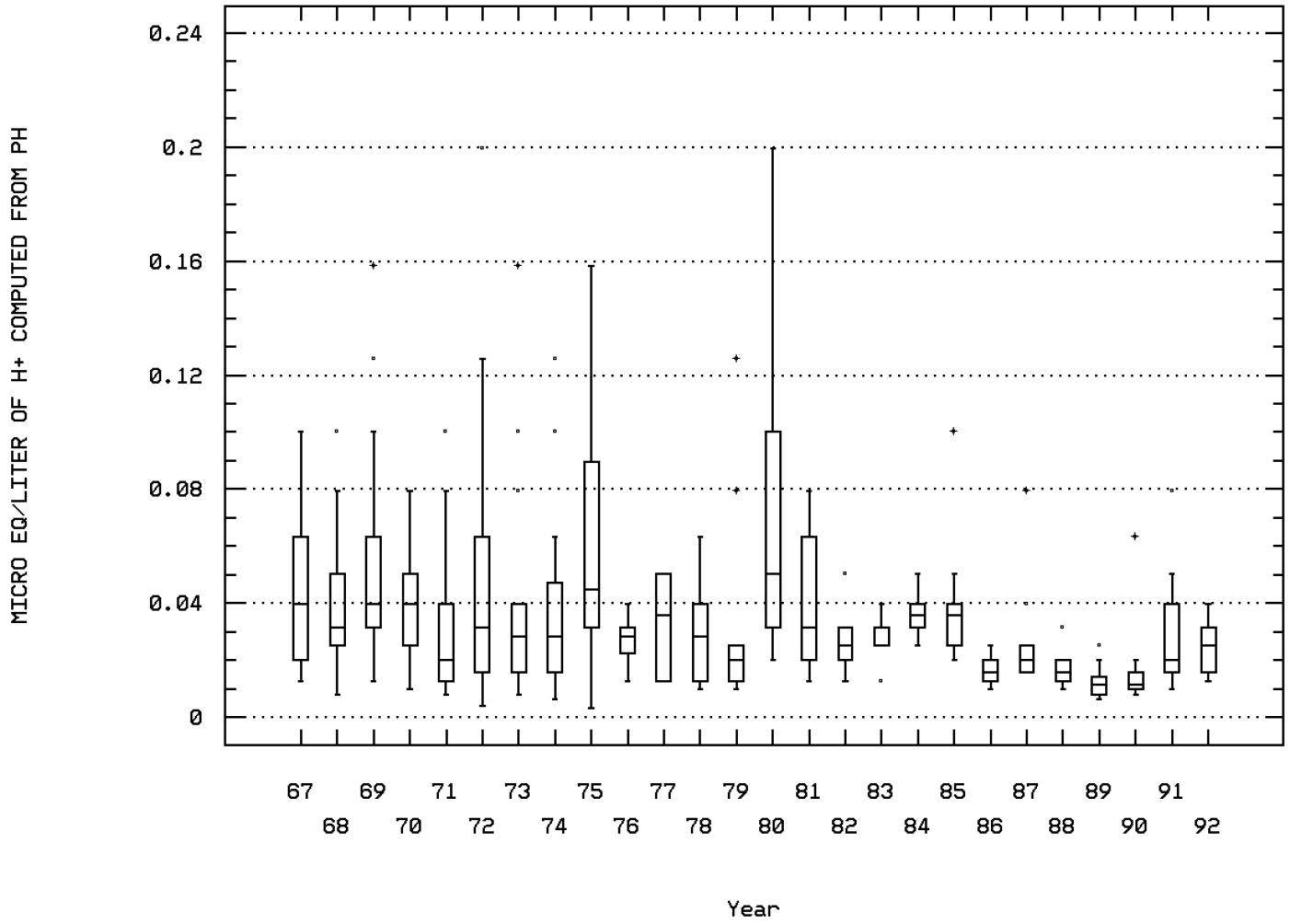
OXYGEN, DISSOLVED



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 00403

MICRO EQ/LITER OF H+ COMPUTED FROM PH



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Seasonal Analysis for Season #1: 9/16 to 1/15 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	119	10.	10.508	25.	0.	38.889	6.236	3.	5.	16.	19.
00023	SAMPLE WEIGHT IN POUNDS	09/02/80-11/02/88	30	4.66	6.299	18.27	0.26	29.222	5.406	0.38	1.765	11.2	13.633
00024	SAMPLE LENGTH IN INCHES	09/02/80-11/02/88	30	21.455	20.753	30.51	10.83	38.045	6.168	11.63	15.748	25.98	29.684
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	40	20.	74.225	460.	5.	12492.846	111.771	6.1	8.	90.	254.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	120	580.	607.425	3300.	316.	72392.078	269.058	460.	522.5	651.5	729.1
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	120	9.	9.112	14.5	1.8	3.891	1.973	6.7	7.6	10.675	11.79
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	112	2.7	2.963	11.	0.5	2.142	1.463	1.63	2.025	3.6	4.38
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	42	18.	20.643	60.	6.	108.186	10.401	11.	14.	24.	32.1
00400p	PH (STANDARD UNITS)	01/04/66-07/27/92	87	7.7	7.649	8.5	6.8	0.124	0.352	7.2	7.4	7.8	8.12
00400p	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	87	7.7	7.509	8.5	6.8	0.144	0.379	7.2	7.4	7.8	8.12
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	87	0.02	0.031	0.158	0.003	0.001	0.029	0.008	0.016	0.04	0.063
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	116	7.5	7.531	8.5	6.7	0.113	0.336	7.	7.3	7.8	7.93
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	116	7.5	7.396	8.5	6.7	0.132	0.363	7.	7.3	7.8	7.93
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	116	0.032	0.04	0.2	0.003	0.001	0.037	0.012	0.016	0.05	0.1
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	83	176.	176.651	280.	88.	626.133	25.023	148.	168.	190.	203.2
00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	41	394.	408.805	648.	305.	4870.261	69.787	340.2	367.	446.	482.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	91	18.	31.714	440.	2.	3315.651	57.582	7.2	11.	32.	55.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	58	6.	9.276	99.	1.	184.344	13.577	2.	3.	9.5	17.4
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	10/21/82-11/15/89	17	2.6	3.035	6.8	0.5	2.189	1.479	1.3	2.15	4.05	5.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	91	0.5	0.504	1.6	0.05	0.1	0.317	0.2	0.3	0.7	1.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	46	0.95	1.037	2.3	0.3	0.159	0.399	0.64	0.8	1.3	1.56
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	78	1.05	1.286	3.2	0.5	0.326	0.571	0.79	0.9	1.725	2.2
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/13/72	46	1.	1.213	8.	0.2	1.217	1.103	0.6	0.8	1.3	1.7
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	79	0.11	0.251	1.98	0.03	0.142	0.377	0.06	0.08	0.21	0.9
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	41 ##	0.003	0.004	0.018	0.003	0.	0.003	0.003	0.003	0.005	0.007
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	85	240.	190.471	342.	22.	12986.704	113.959	29.	36.5	279.	302.4
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/27/92	16	176.	166.75	190.	98.	670.867	25.901	116.2	156.5	184.5	190.
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	37	22.	21.738	34.	5.7	33.32	5.772	15.	19.	24.5	30.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	95	38.	38.189	69.	13.	95.006	9.747	26.	32.	43.	48.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	74	60.	55.378	100.	19.	519.444	22.791	24.5	30.	75.5	82.5
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	41	0.4	0.407	0.8	0.1	0.014	0.117	0.3	0.3	0.5	0.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-06/24/92	33	6.	6.039	16.2	0.7	9.796	3.13	1.46	4.	7.5	10.6
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	41	1.	1.505	8.	0.7	1.647	1.283	0.82	1.	2.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/27/92	23	30.	36.522	70.	20.	123.715	11.123	24.	30.	40.	50.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	41 ##	1.	1.22	2.	1.	0.176	0.419	1.	1.	1.	2.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	42 ##	5.	6.071	10.	5.	4.312	2.076	5.	5.	5.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	40 ##	5.	8.625	40.	5.	61.522	7.844	5.	5.	10.	19.
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	41	5.	5.463	17.	2.	9.805	3.131	2.	4.	6.	8.8
01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	41	1000.	1936.098	17000.	410.	11835364.39	3440.256	558.	740.	1300.	3660.
01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	41	10.	9.024	21.	3.	25.424	5.042	3.	5.	10.	19.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	41	100.	142.683	620.	30.	13055.122	114.259	70.	80.	165.	234.
01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	41 ##	5.	5.098	12.	2.	11.34	3.368	2.	2.	10.	10.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/27/92	23 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	41	20.	25.854	120.	10.	404.878	20.122	10.	10.	30.	40.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/27/92	22	0.7	3.477	60.	0.2	159.793	12.641	0.25	0.363	1.	2.7
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-12/18/85	57	25000.	37434.211	260000.	150.	1967112424.812	44352.141	3000.	7750.	51000.	92000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-12/18/85	57	4.398	4.27	5.415	2.176	0.353	0.594	3.477	3.889	4.707	4.964
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18615.617								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	73	570.	2145.452	37000.	10.	23475719.168	4845.175	40.2	140.	2400.	5320.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	73	2.756	2.7	4.568	1.	0.703	0.839	1.57	2.145	3.38	3.725
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			500.68								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	41 ##	2.5	3.329	8.	2.5	1.92	1.386	2.5	2.5	5.	5.
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	09/03/80-11/02/88	12	0.038	0.158	1.3	0.001	0.138	0.371	0.001	0.004	0.057	1.009
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	09/03/80-11/02/88	13	0.108	0.234	0.697	0.004	0.07	0.265	0.004	0.013	0.464	0.675
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	09/03/80-11/02/88	13	0.064	0.225	0.943	0.004	0.1	0.316	0.004	0.012	0.36	0.887
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	09/03/80-11/02/88	13	0.006	0.017	0.048	0.001	0.	0.017	0.001	0.003	0.027	0.047
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	07/24/74-04/22/92	8	0.5	84.125	650.	0.25	52326.5	228.75	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	09/03/80-11/02/88	13	3.741	7.636	28.767	0.16	79.683	8.927	0.224	0.503	14.305	23.913
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	22	40043.	34191.136	90012.	21.	461943019.171	21492.86	11268.6	12694.5	42061.	68903.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 9/16 to 1/15 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	39	360.	351.667	430.	128.	3262.175	57.115	300.	332.	390.	415.
71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	41 ##	0.05	0.183	2.6	0.05	0.261	0.511	0.05	0.05	0.1	0.1
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/02/80-11/02/88	41	1.	2.024	5.	1.	3.024	1.739	1.	1.	4.	5.
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	09/03/80-11/02/88	13	0.006	0.03	0.202	0.001	0.003	0.056	0.001	0.003	0.039	0.149
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	09/03/80-11/02/88	13	0.022	0.046	0.15	0.002	0.002	0.049	0.002	0.004	0.093	0.13

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	60	4.	4.132	10.	0.	5.309	2.304	1.	3.	6.	6.96
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	21	15.	22.133	100.	6.8	442.933	21.046	7.6	10.	24.5	48.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	58	625.	615.276	996.	300.	16568.835	128.72	413.5	540.	710.	760.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	57	11.2	11.102	14.4	7.3	1.928	1.388	9.48	10.4	11.75	12.82
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	53	2.9	2.83	5.2	0.5	1.007	1.004	1.6	2.15	3.45	4.16
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	23	18.	20.913	53.	10.	73.447	8.57	13.2	16.	24.	28.
00400p	PH (STANDARD UNITS)	01/04/66-07/27/92	42	7.675	7.629	8.2	7.	0.089	0.299	7.144	7.4	7.9	8.
00400p	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	42	7.674	7.526	8.2	7.	0.1	0.316	7.144	7.4	7.9	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	42	0.021	0.03	0.1	0.006	0.	0.022	0.01	0.013	0.04	0.072
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	53	7.5	7.506	8.	6.8	0.077	0.278	7.1	7.3	7.7	7.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	53	7.5	7.415	8.	6.8	0.085	0.292	7.1	7.3	7.7	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	53	0.032	0.038	0.158	0.01	0.001	0.028	0.013	0.02	0.05	0.079
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	42	187.	182.048	230.	104.	661.022	25.71	148.9	168.5	198.	211.4
00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	21	430.	439.095	533.	382.	1230.59	35.08	404.8	420.	445.	504.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	42	12.	20.405	130.	5.	539.515	23.227	6.	8.	22.	47.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	30	5.	7.8	25.	1.	37.2	6.099	2.1	4.	10.25	17.7
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	10/21/82-11/15/89	7	3.	3.557	7.3	1.1	4.173	2.043	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	44	0.55	0.59	1.8	0.05	0.125	0.353	0.2	0.3	0.8	1.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	24	1.05	1.06	1.8	0.6	0.107	0.328	0.65	0.8	1.35	1.55
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	38	1.6	1.561	2.6	0.6	0.241	0.491	0.79	1.2	1.925	2.21
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/13/72	21	0.9	0.967	2.5	0.2	0.302	0.55	0.32	0.5	1.3	1.68
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	37	0.12	0.226	2.3	0.015	0.179	0.423	0.048	0.07	0.17	0.388
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	23 ##	0.003	0.005	0.017	0.003	0.	0.004	0.003	0.003	0.005	0.013
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	42	273.	218.405	362.	18.	13982.686	118.248	28.6	35.	296.	334.
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/27/92	8	184.	183.125	206.	141.	388.982	19.723	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	21	28.	29.	57.	17.	73.9	8.597	21.6	24.5	30.	44.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	48	48.5	50.458	156.	23.	493.573	22.216	25.9	40.5	54.	65.5
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	30	65.5	55.7	115.	15.	746.976	27.331	16.7	25.75	76.5	81.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	22	0.4	0.382	0.7	0.3	0.009	0.096	0.3	0.3	0.4	0.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-06/24/92	18	6.	4.761	8.	0.7	7.68	2.771	0.7	1.85	7.	7.64
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	23	0.9	0.922	2.	0.7	0.069	0.263	0.7	0.8	1.	1.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/27/92	12	30.	32.5	40.	30.	20.455	4.523	30.	30.	37.5	40.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	24 ##	1.	1.625	5.	1.	1.027	1.013	1.	1.	2.	3.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	22 ##	5.	6.591	10.	5.	5.682	2.384	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	23 ##	5.	7.826	20.	5.	20.059	4.479	5.	5.	10.	16.
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	23	5.	4.783	10.	2.	2.723	1.65	2.8	4.	5.	7.2
01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	23	790.	945.217	3000.	440.	275507.905	524.888	514.	690.	1100.	1500.
01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	23	10.	9.	23.	3.	24.091	4.908	3.	5.	10.	16.4
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	23	110.	128.696	230.	70.	1984.585	44.549	84.	90.	170.	202.
01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	23 ##	5.	5.609	10.	2.	12.067	3.474	2.	2.	10.	10.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	22	20.	20.455	90.	10.	290.26	17.037	10.	10.	20.	30.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/27/92	12 ##	0.375	0.5	1.	0.2	0.101	0.318	0.2	0.25	0.825	1.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-12/18/85	27	20000.	27262.963	150000.	1600.	975082421.652	31226.31	5920.	9000.	33000.	64000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-12/18/85	27	4.301	4.243	5.176	3.204	0.176	0.42	3.765	3.954	4.519	4.797
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17484.782								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	31	1500.	2274.194	9900.	90.	5882711.828	2425.43	270.	500.	3000.	5540.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	31	3.176	3.106	3.996	1.954	0.263	0.513	2.431	2.699	3.477	3.743
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1277.313								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	23 ##	2.5	308.304	7000.	2.5	2127922.358	1458.74	2.5	2.5	5.	9.6
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	07/24/74-04/22/92	6 ##	0.5	0.5	0.75	0.25	0.05	0.224	**	**	**	**
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	12	22372.	34100.667	90011.	12712.	701811342.242	26491.722	12712.	12816.	41656.25	87200.3
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	19	400.	388.895	494.	93.	6613.322	81.322	337.	380.	413.	484.
71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	23 ##	0.05	0.076	0.2	0.05	0.001	0.037	0.05	0.05	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	136	16.	15.637	26.	3.	35.957	5.996	8.	10.	20.75	23.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	44	30.	108.682	999.	5.	42510.873	206.182	12.	19.25	97.5	250.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	135	572.	561.681	870.	330.	7672.472	87.593	443.2	510.	618.	650.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	136	8.15	8.457	13.6	5.	3.236	1.799	6.17	7.2	9.8	10.9
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	124	3.2	3.467	9.	1.2	1.705	1.306	2.25	2.6	4.1	5.05
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	50	23.	24.91	47.	0.5	105.425	10.268	13.1	18.	33.	39.
00400p	PH (STANDARD UNITS)	01/04/66-07/27/92	100	7.6	7.594	8.5	6.3	0.138	0.371	7.3	7.4	7.8	8.
00400p	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	100	7.6	7.388	8.5	6.3	0.181	0.425	7.3	7.4	7.8	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	100	0.025	0.041	0.501	0.003	0.005	0.07	0.01	0.016	0.04	0.05
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	132	7.6	7.573	8.4	6.7	0.099	0.315	7.1	7.4	7.8	8.
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	132	7.6	7.454	8.4	6.7	0.114	0.337	7.1	7.4	7.8	8.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	132	0.025	0.035	0.2	0.004	0.001	0.031	0.01	0.016	0.04	0.079
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	91	175.	170.989	208.	92.	467.944	21.632	140.	162.	186.	192.8
00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	50	417.	420.2	608.	322.	2356.571	48.545	363.3	390.	450.	468.9
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	107	30.	46.393	240.	6.	1733.599	41.637	15.8	22.	55.	89.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	79	8.	9.101	30.	1.	30.22	5.497	3.	6.	11.	16.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	10/21/82-11/15/89	17	4.2	4.265	8.	0.5	5.229	2.287	1.62	2.3	6.45	7.28
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	105	0.4	0.445	1.3	0.1	0.058	0.241	0.2	0.3	0.6	0.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	52	1.2	1.208	2.5	0.7	0.14	0.374	0.8	0.925	1.4	1.74
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	89	1.3	1.413	2.9	0.6	0.287	0.535	0.8	1.	1.65	2.3
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/13/72	48	0.8	1.025	7.	0.2	0.938	0.969	0.5	0.625	1.1	1.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	86	0.14	0.211	1.1	0.05	0.05	0.223	0.077	0.11	0.2	0.389
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	48	0.005	0.004	0.016	0.003	0.	0.003	0.003	0.003	0.005	0.007
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	91	244.	195.659	364.	16.	11597.16	107.69	28.	32.	274.	287.6
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/27/92	21	168.	164.19	208.	100.	550.862	23.47	136.8	147.5	181.	190.
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	44	24.	23.909	39.	14.	29.015	5.387	17.	20.25	27.	29.5
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	114	40.5	39.193	70.	19.	101.608	10.08	25.	32.75	45.	52.5
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	78	59.	53.333	88.	20.	484.563	22.013	22.9	26.75	72.	78.2
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	50	0.4	0.414	0.8	0.2	0.014	0.118	0.3	0.3	0.5	0.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-06/24/92	37	5.	5.289	11.	0.5	7.398	2.72	0.88	3.5	7.	9.1
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	48	1.5	1.629	4.	0.7	0.642	0.801	0.99	1.	2.	3.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/27/92	27	40.	39.63	70.	30.	103.704	10.184	30.	30.	40.	54.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	48 ##	1.	1.296	2.	0.1	0.286	0.534	1.	1.	2.	2.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	51 ##	5.	7.216	23.	5.	13.973	3.738	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	50 ##	5.	7.74	40.	2.	50.564	7.111	5.	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	48	5.	5.458	17.	2.	5.913	2.432	3.8	4.	6.	8.
01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	49	1350.	1970.204	9600.	460.	3453193.707	1858.277	950.	1100.	2000.	3800.
01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	49	10.	9.408	38.	3.	38.747	6.225	3.	5.	10.	19.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	48	140.	154.167	410.	60.	4139.716	64.341	90.	102.5	180.	241.
01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	49 ##	5.	5.776	10.	2.	12.678	3.561	2.	2.	10.	10.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/27/92	27 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	49	20.	19.796	70.	10.	135.374	11.635	10.	10.	20.	30.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/27/92	27	0.6	0.631	2.	0.25	0.14	0.375	0.25	0.35	0.8	1.

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Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-12/18/85	56	20500.	27558.929	96000.	1300.	545223918.831	23350.03	4000.	8475.	38000.	64400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-12/18/85	56	4.312	4.261	4.982	3.114	0.194	0.44	3.602	3.928	4.579	4.808
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18225.976								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	85	600.	1282.059	7500.	10.	2704797.199	1644.627	92.	225.	1700.	3440.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	85	2.778	2.76	3.875	1.	0.373	0.611	1.961	2.352	3.23	3.535
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			575.9								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	49	## 2.5	3.888	25.	2.5	11.211	3.348	2.5	2.5	5.	5.
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	07/24/74-04/22/92	10	## 0.625	2.6	21.	0.25	41.836	6.468	0.25	0.438	0.75	18.975
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	23	30924.	29214.522	71813.	1.	352088122.443	18764.011	10022.	10525.	42012.	59352.4
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	49	360.	366.673	870.	220.	7263.391	85.226	300.	330.5	389.	407.
71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	49	## 0.05	0.082	0.4	0.05	0.003	0.056	0.05	0.05	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0179

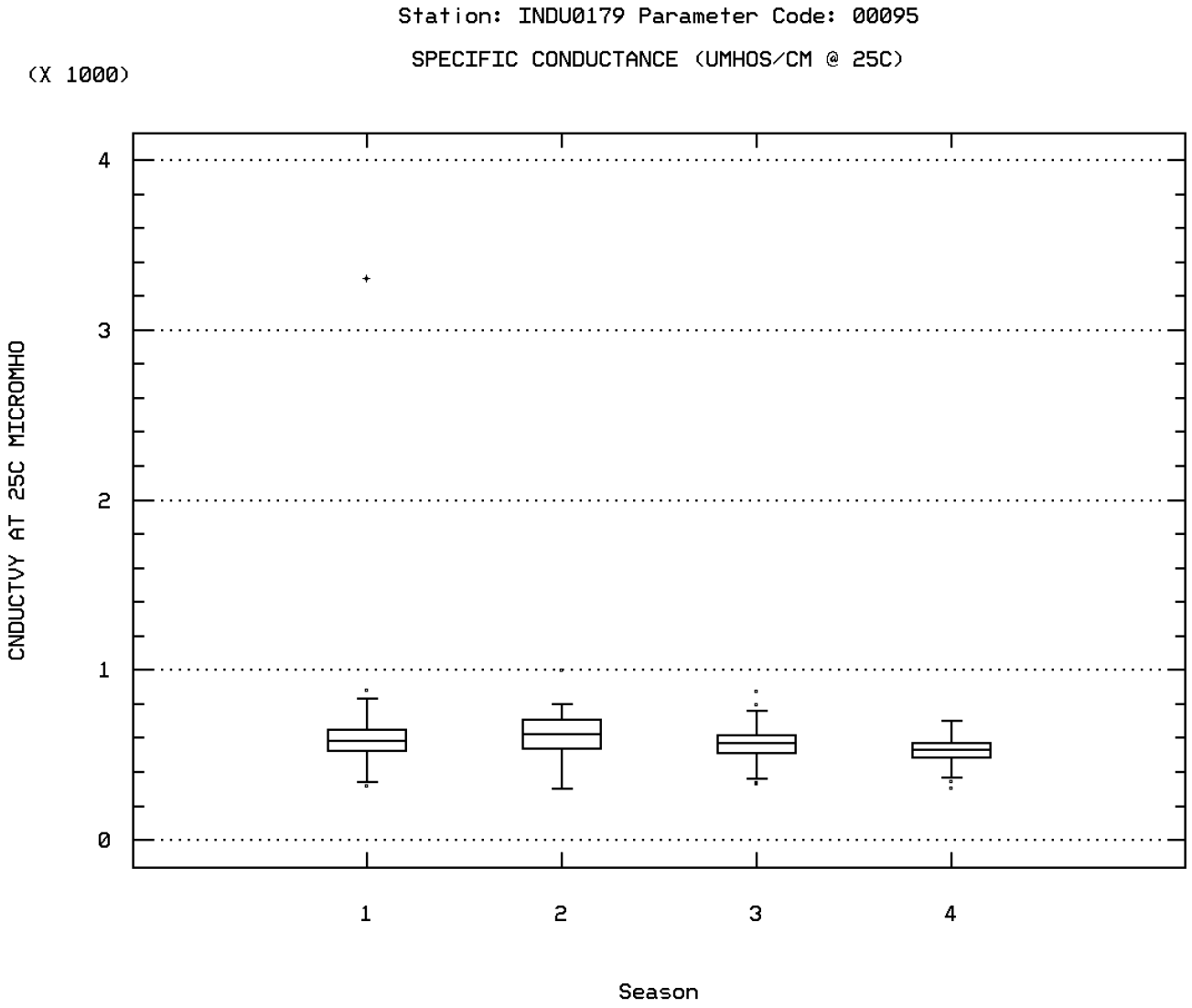
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	68	23.	22.353	28.6	15.	7.789	2.791	18.9	21.	24.3	25.
00023	SAMPLE WEIGHT IN POUNDS	09/02/80-11/02/88	20	1.21	1.188	1.81	0.82	0.065	0.255	0.864	0.96	1.353	1.509
00024	SAMPLE LENGTH IN INCHES	09/02/80-11/02/88	20	13.39	13.357	15.75	11.81	1.091	1.044	12.029	12.45	14.123	14.921
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-11/28/90	17	18.	21.235	50.	1.	179.316	13.391	4.2	13.5	32.5	42.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	68	530.	524.809	700.	300.	5771.411	75.97	424.4	481.5	570.	611.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	69	7.1	7.254	10.8	4.2	1.726	1.314	5.8	6.4	8.1	9.
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-06/24/92	63	2.7	3.087	10.	0.5	2.245	1.498	1.7	2.1	3.6	4.82
00335	COD, .025N K2CR2O7 MG/L	03/31/76-07/27/92	20	16.	15.3	24.	2.5	32.195	5.674	3.25	13.	19.5	21.9
00400p	PH (STANDARD UNITS)	01/04/66-07/27/92	48	7.6	7.666	8.6	6.87	0.131	0.362	7.3	7.4	7.9	8.206
00400p	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	48	7.6	7.542	8.6	6.87	0.147	0.383	7.3	7.4	7.9	8.206
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	48	0.025	0.029	0.135	0.003	0.	0.022	0.006	0.013	0.04	0.05
00403p	PH, LAB, STANDARD UNITS SU	01/04/67-07/27/92	64	7.6	7.594	8.1	6.7	0.088	0.296	7.2	7.4	7.8	8.
00403p	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-07/27/92	64	7.6	7.482	8.1	6.7	0.1	0.317	7.2	7.4	7.8	8.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-07/27/92	64	0.025	0.033	0.2	0.008	0.001	0.03	0.01	0.016	0.04	0.063
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	43	164.	163.977	202.	106.	259.357	16.105	144.8	156.	172.	184.
00500	RESIDUE, TOTAL (MG/L)	01/28/81-07/27/92	20	359.5	355.45	421.	301.	986.05	31.401	304.6	332.75	378.5	395.3
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/70-07/27/92	51	25.	37.039	260.	8.	1573.438	39.667	15.	17.	41.	63.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/20/85	37	6.	8.135	36.	1.	51.176	7.154	1.	4.	10.5	18.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	10/21/82-11/15/89	6	2.3	2.683	4.	2.	0.67	0.818	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/69-07/27/92	51	0.4	0.437	1.2	0.05	0.086	0.294	0.12	0.2	0.6	0.9
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/80-07/27/92	22	0.95	0.927	1.7	0.6	0.06	0.245	0.6	0.775	1.1	1.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-07/27/92	43	0.8	0.844	1.6	0.5	0.053	0.229	0.6	0.7	1.	1.1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/13/72	27	0.9	1.13	5.	0.5	0.731	0.855	0.58	0.8	1.2	2.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-07/27/92	43	0.12	0.214	1.2	0.04	0.079	0.281	0.064	0.09	0.19	0.6
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/28/81-07/27/92	20	## 0.003	0.005	0.035	0.003	0.	0.007	0.003	0.003	0.004	0.006
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	43	228.	173.07	306.	23.	10805.781	103.951	25.	30.	250.	263.6
00910	CALCIUM (MG/L AS CACO3)	01/28/81-07/27/92	9	160.	147.889	176.	39.	1759.111	41.942	39.	150.	169.	176.
00929	SODIUM, TOTAL (MG/L AS NA)	01/28/81-07/27/92	18	19.	19.944	29.	17.	8.408	2.9	17.	18.	22.	22.7
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	54	33.5	32.537	48.	6.	77.536	8.805	20.5	26.75	39.	44.
00945p	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-07/27/92	42	54.5	46.631	72.	2.5	398.232	19.956	19.3	24.	63.	67.4
00951	FLUORIDE, TOTAL (MG/L AS F)	01/28/81-06/24/92	19	0.5	0.526	0.7	0.3	0.013	0.115	0.4	0.4	0.6	0.7
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/08/82-06/24/92	17	5.	3.944	8.	0.05	5.633	2.373	0.41	1.5	5.75	6.8
01002	ARSENIC, TOTAL (UG/L AS AS)	01/28/81-07/27/92	20	2.	1.75	3.	1.	0.303	0.55	1.	1.	2.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/86-07/27/92	12	30.	30.833	40.	20.	26.515	5.149	23.	30.	30.	40.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/21/78-07/27/92	20	## 1.	1.35	3.	1.	0.345	0.587	1.	1.	2.	2.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/05/76-07/27/92	20	## 5.	6.	10.	5.	4.211	2.052	5.	5.	5.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/05/76-07/27/92	20	## 5.	6.6	20.	2.	14.884	3.858	5.	5.	8.75	10.
01042	COPPER, TOTAL (UG/L AS CU)	08/04/76-07/27/92	21	5.	6.048	20.	2.	15.448	3.93	2.4	4.	7.5	10.
01045	IRON, TOTAL (UG/L AS FE)	01/28/81-07/27/92	20	950.	1018.5	1800.	400.	125539.737	354.316	653.	785.	1175.	1690.
01051	LEAD, TOTAL (UG/L AS PB)	01/28/81-07/27/92	20	6.	9.55	31.	3.	67.103	8.192	3.	5.	10.	26.7

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Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	01/28/81-07/27/92	19	100.	110.	220.	60.	1200.	34.641	80.	90.	120.	150.
01067	NICKEL, TOTAL (UG/L AS NI)	01/28/81-07/27/92	19 ##	2.	4.474	10.	2.	10.263	3.204	2.	2.	5.	10.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/86-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	01/28/81-07/27/92	20	10.	15.5	40.	10.	57.632	7.592	10.	10.	20.	20.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/86-07/27/92	12	0.8	0.688	1.	0.25	0.095	0.308	0.25	0.313	0.975	1.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-12/18/85	28	6000.	7760.714	28000.	800.	52113584.656	7218.974	980.	2050.	11500.	20200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-12/18/85	28	3.778	3.689	4.447	2.903	0.208	0.456	2.99	3.311	4.059	4.305
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4884.15								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	41	350.	1995.244	54000.	5.	70416777.439	8391.471	28.	130.	605.	2440.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-03/29/88	41	2.544	2.491	4.732	0.699	0.575	0.758	1.396	2.113	2.782	3.387
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			309.478								
32730p	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/27/69-06/24/92	18 ##	2.5	3.056	5.	2.5	1.144	1.069	2.5	2.5	3.125	5.
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	09/03/80-11/02/88	4	0.022	0.025	0.054	0.001	0.001	0.028	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	09/03/80-11/02/88	4	0.352	0.953	3.089	0.017	2.106	1.451	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	09/03/80-11/02/88	4	0.563	0.91	2.487	0.028	1.339	1.157	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	09/03/80-11/02/88	4	0.038	0.054	0.139	0.002	0.004	0.065	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	07/24/74-04/22/92	3	0.75	0.737	0.96	0.5	0.053	0.23	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	09/03/80-11/02/88	4	7.734	8.81	19.375	0.397	96.977	9.848	**	**	**	**
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	10	13020.	26718.2	81203.	10006.	531069723.289	23044.95	10007.8	11368.	41182.75	77284.3
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/28/81-07/27/92	20	323.5	320.6	391.	280.	708.042	26.609	282.3	299.75	332.75	349.5
71900	MERCURY, TOTAL (UG/L AS HG)	01/28/81-07/27/92	19 ##	0.05	0.071	0.2	0.05	0.001	0.038	0.05	0.05	0.1	0.1
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/02/80-11/02/88	24	1.	1.667	5.	1.	2.319	1.523	1.	1.	1.	5.
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	09/03/80-11/02/88	4	0.086	0.102	0.232	0.004	0.013	0.115	**	**	**	**
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	09/03/80-11/02/88	4	0.108	0.276	0.882	0.005	0.171	0.413	**	**	**	**

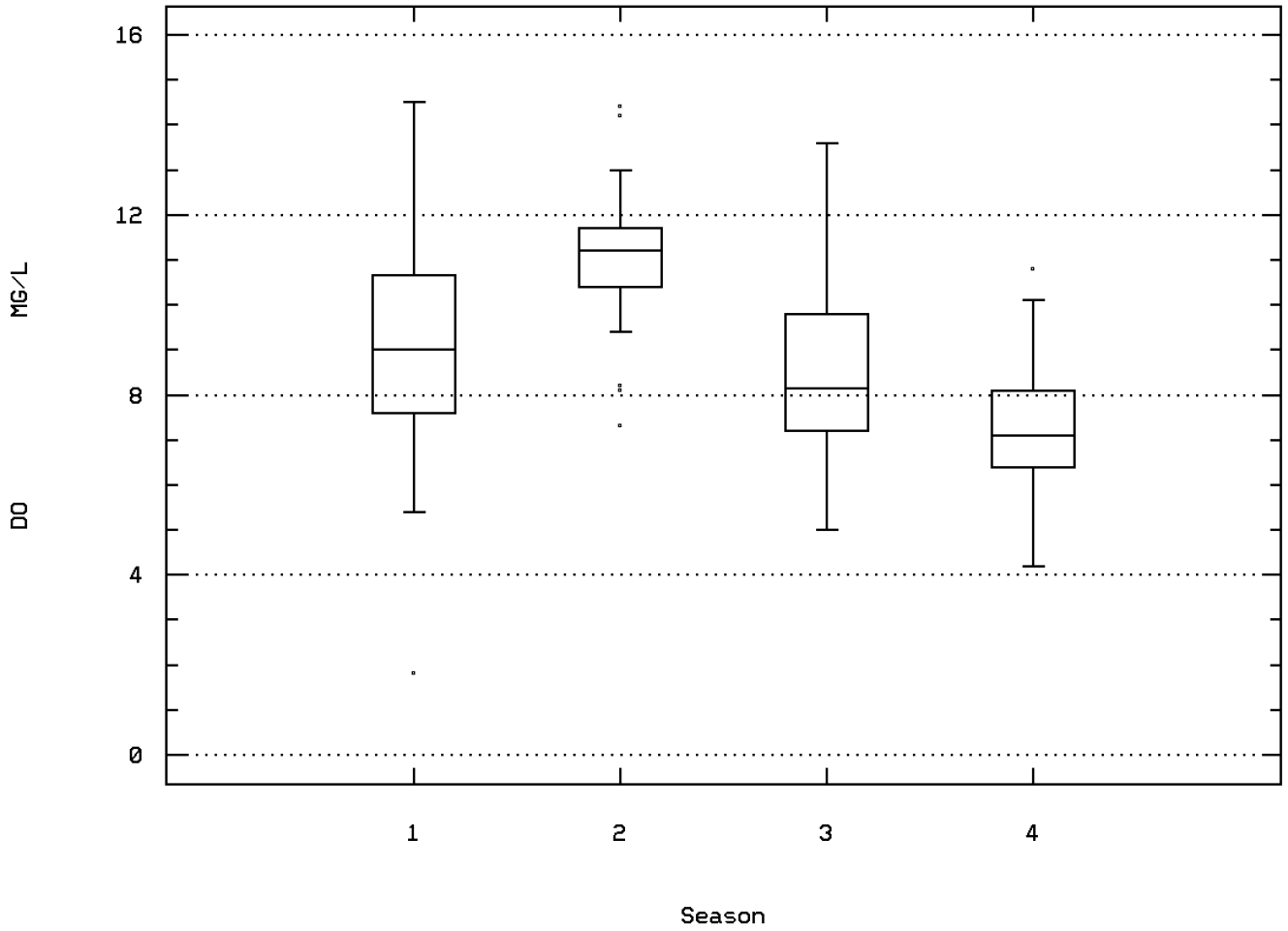
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BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 00300

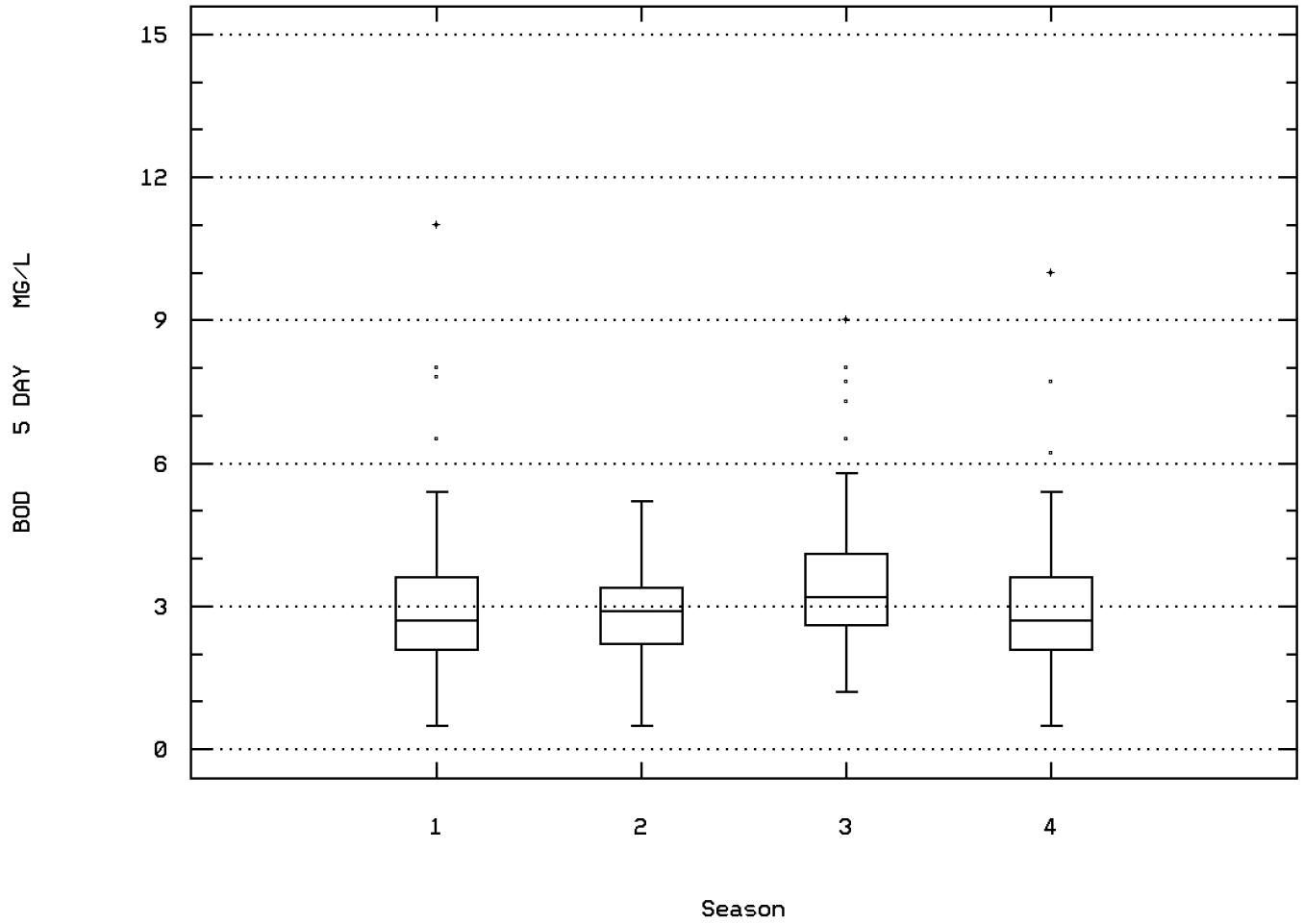
OXYGEN, DISSOLVED



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 00310

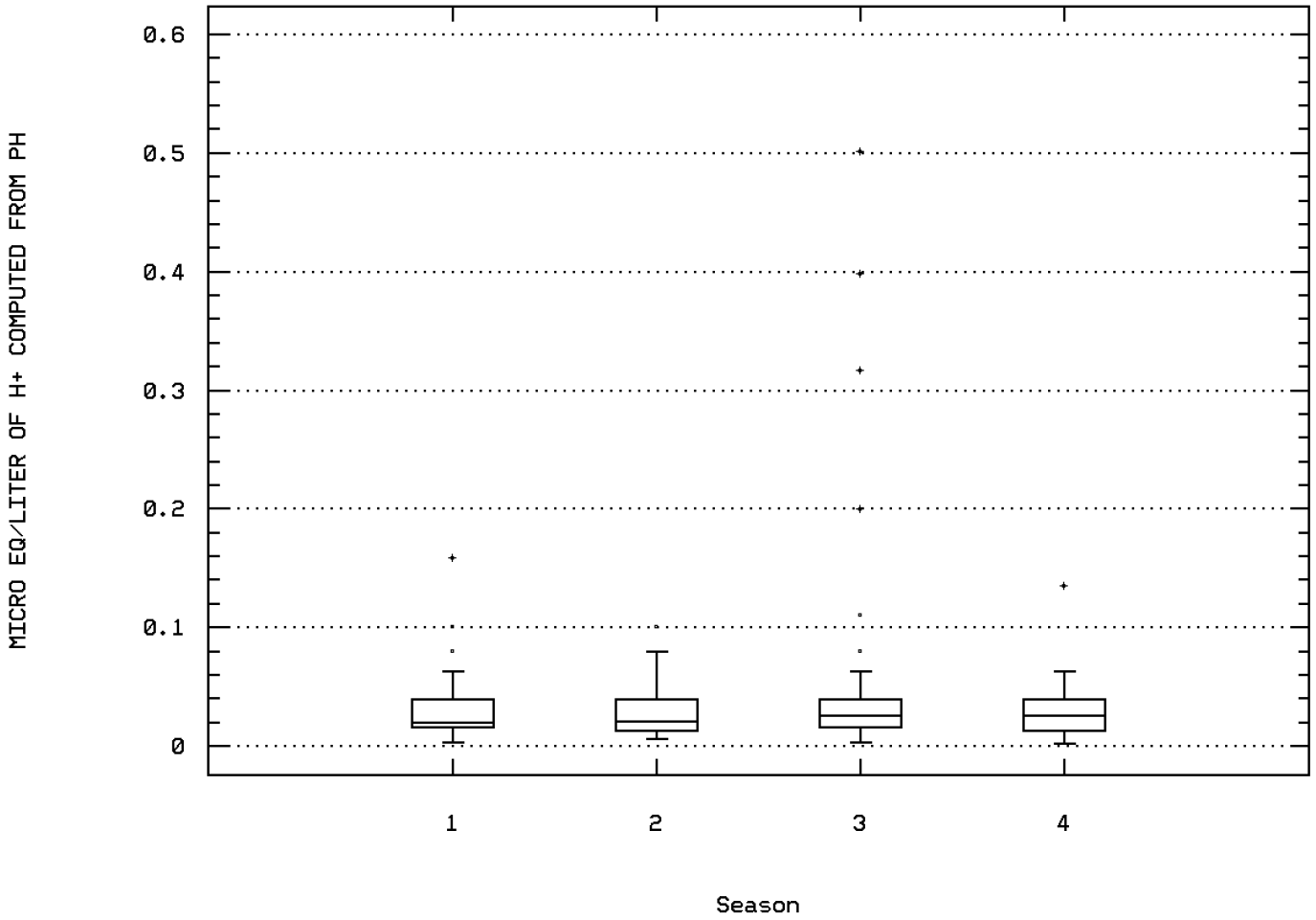
BOD, 5 DAY, 20 DEG C



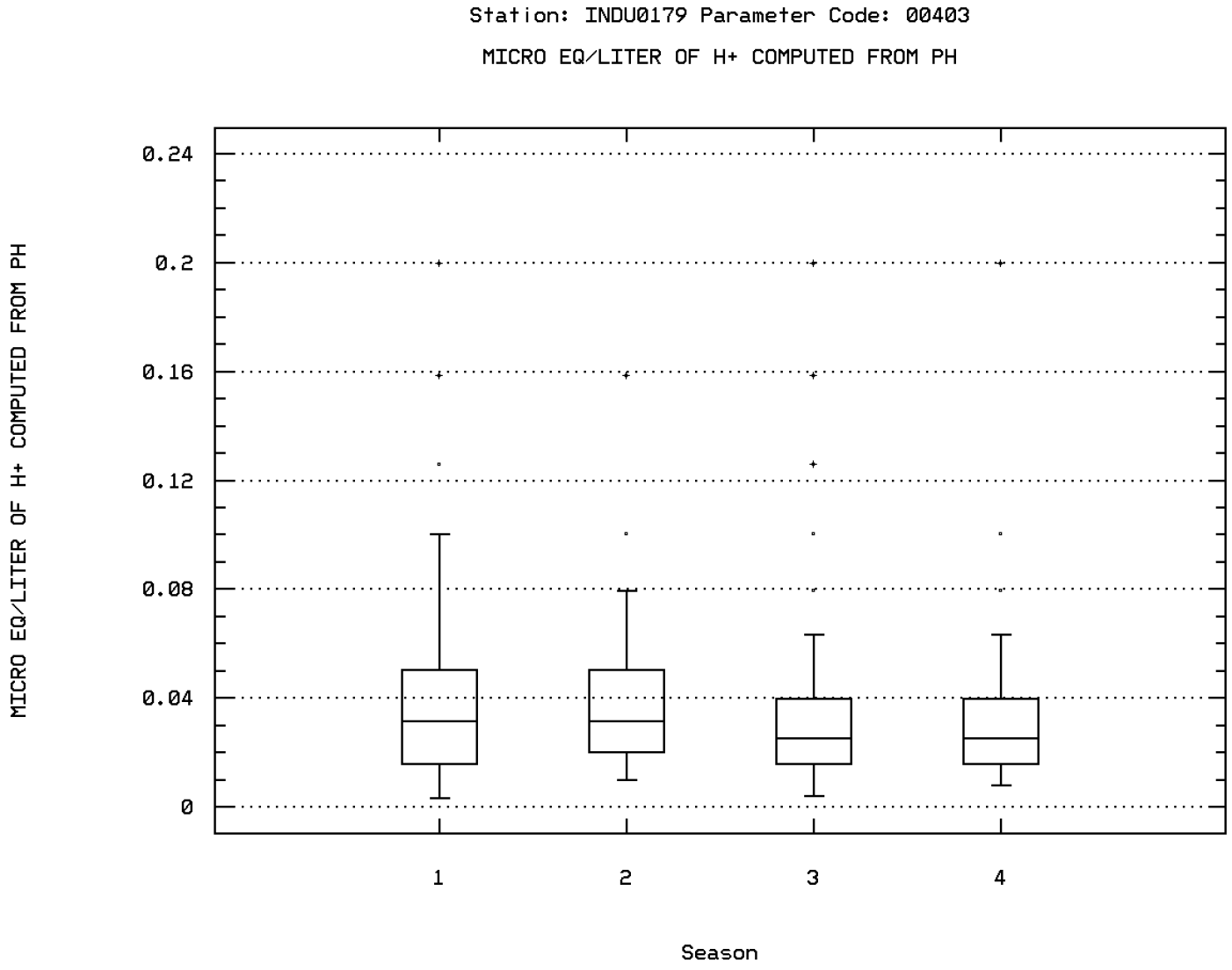
BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 00400

MICRO EQ/LITER OF H+ COMPUTED FROM PH



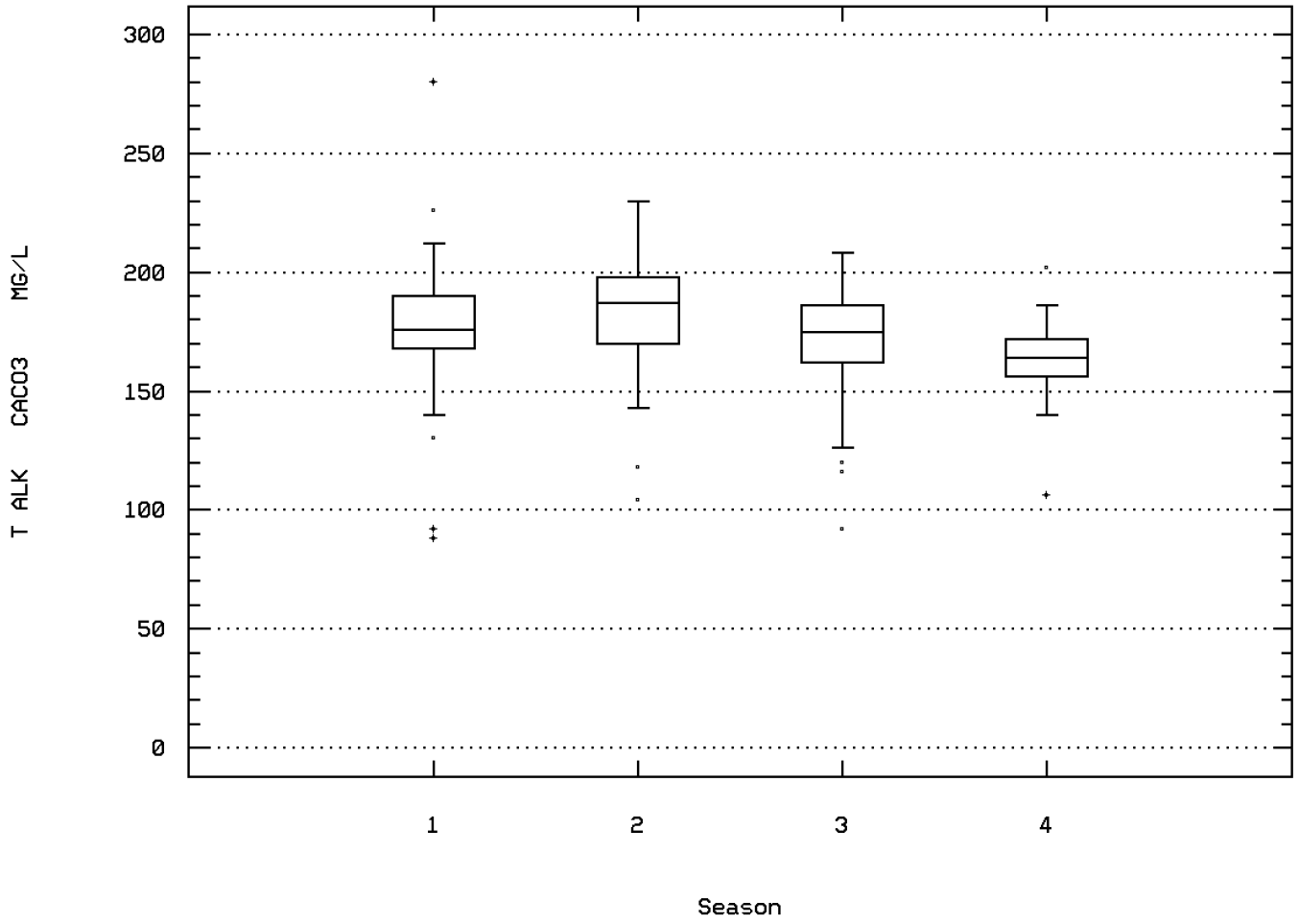
BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 00410

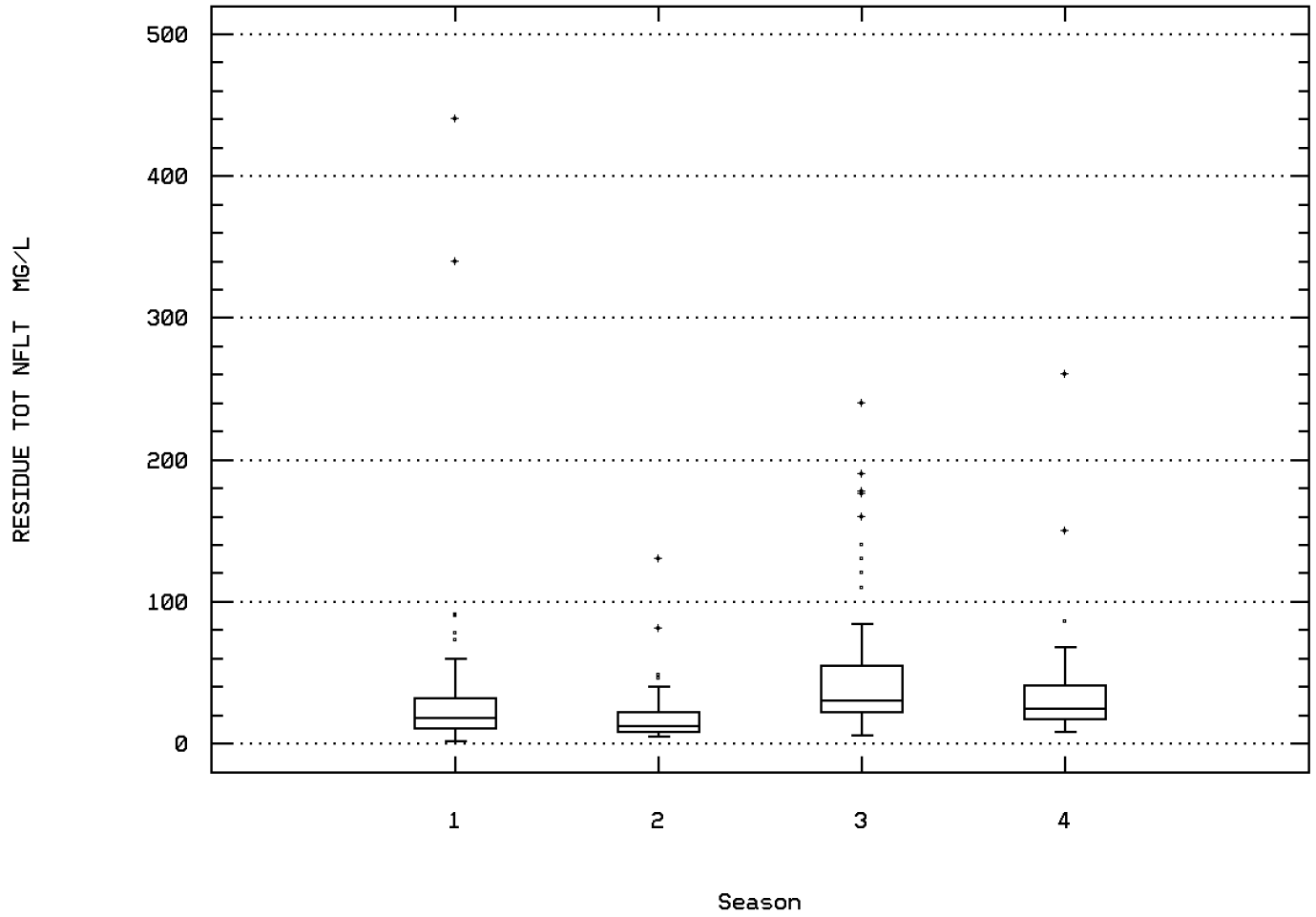
ALKALINITY, TOTAL (MG/L AS CACO3)



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 00530

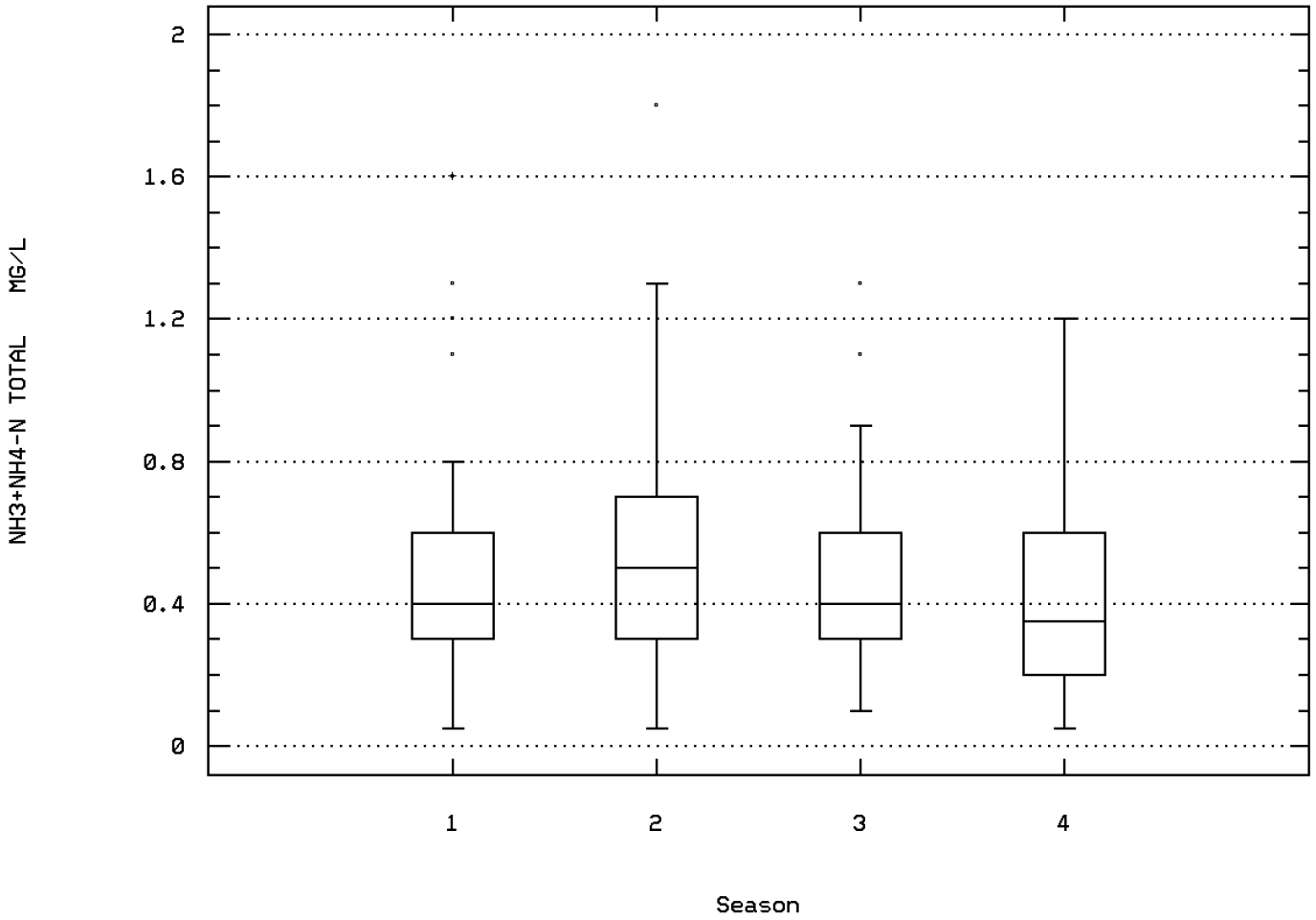
RESIDUE, TOTAL NONFILTRABLE (MG/L)



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 00610

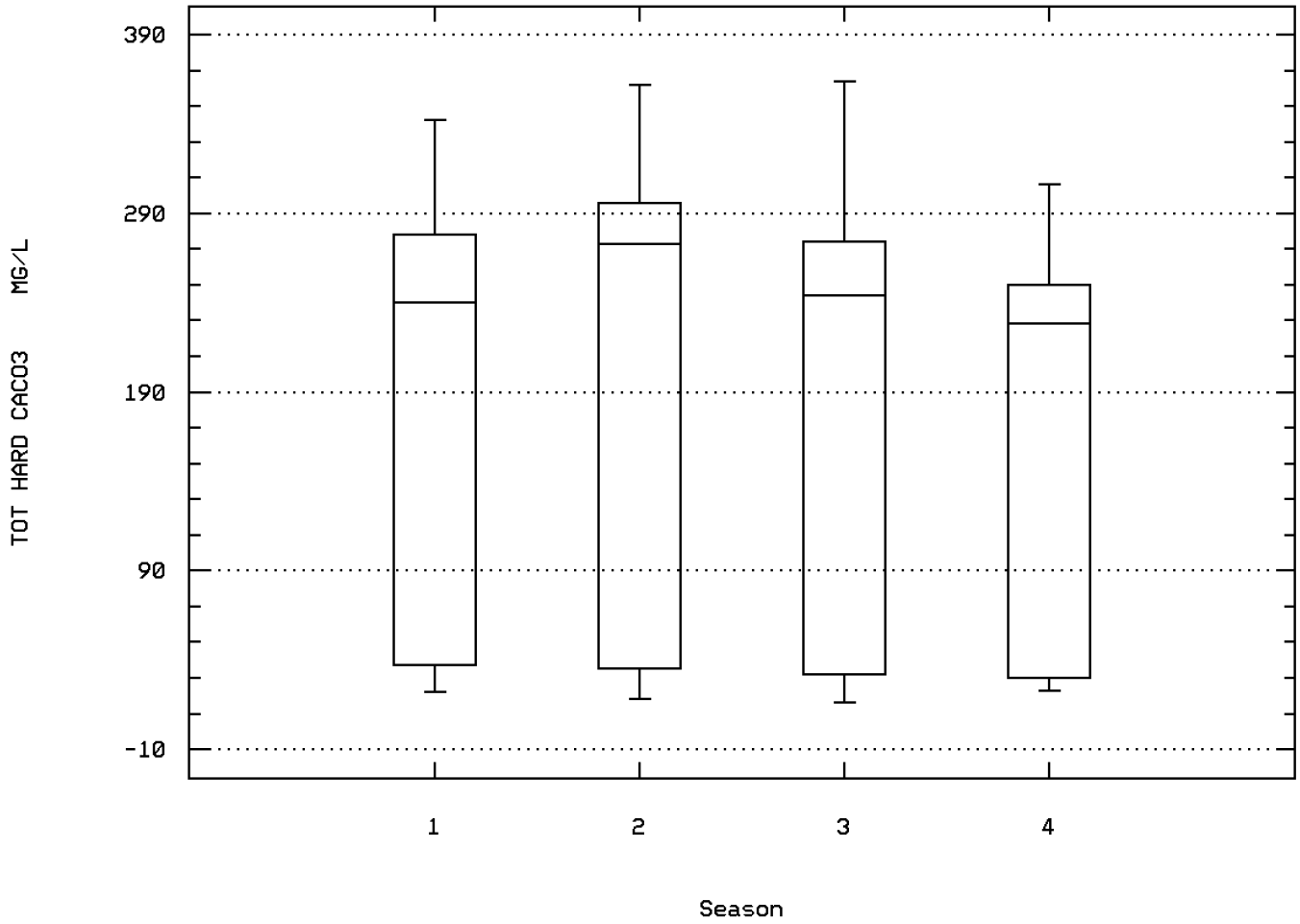
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 00900

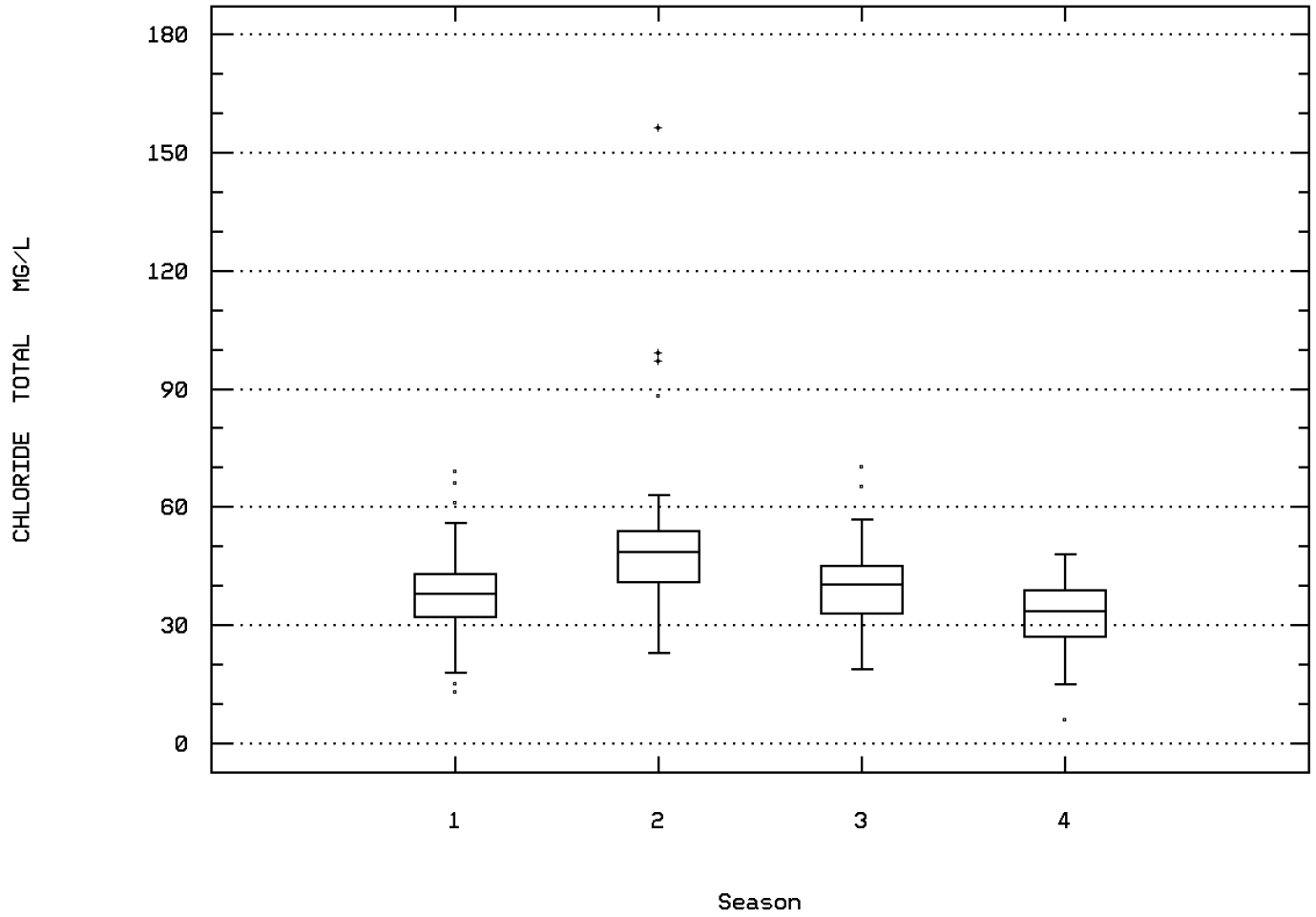
HARDNESS, TOTAL (MG/L AS CACO3)



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 00940

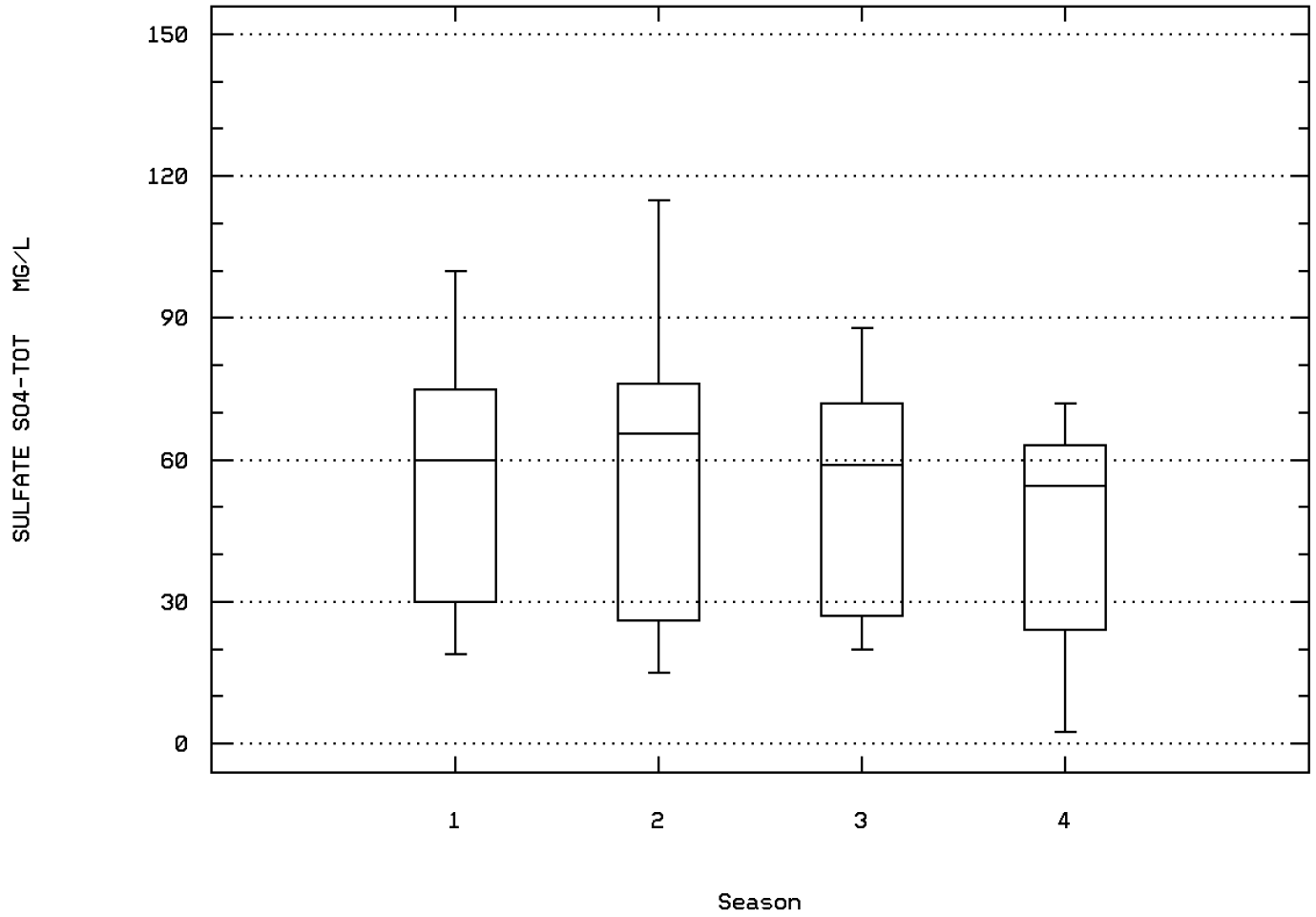
CHLORIDE,TOTAL IN WATER



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 00945

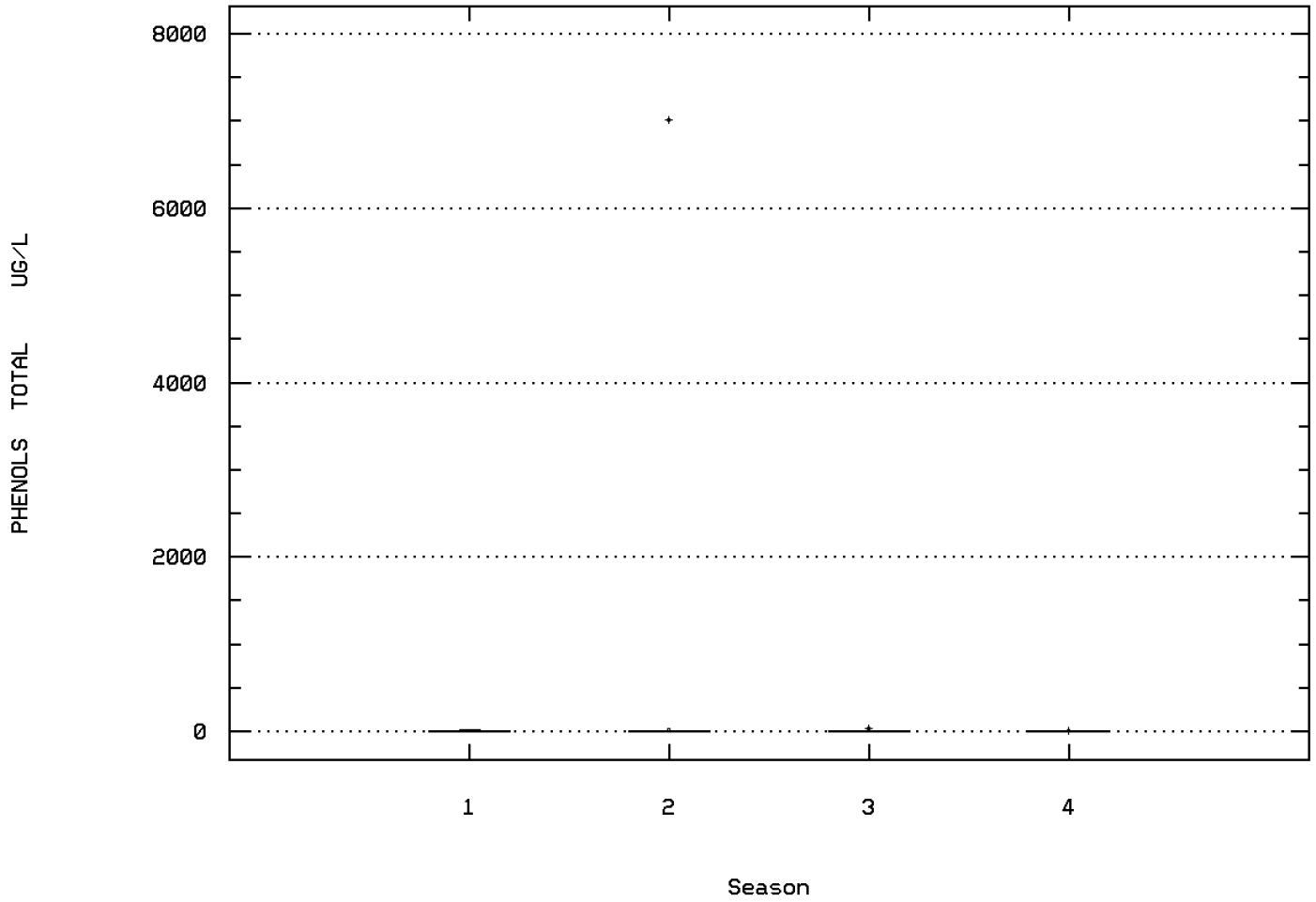
SULFATE, TOTAL (MG/L AS SO4)



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station: INDU0179 Parameter Code: 32730

PHENOLICS, TOTAL, RECOVERABLE (UG/L)



BURNS DITCH TRUCK BRIDGE 0.72MI FROM LK

Station Inventory for Station: INDU0180

NPS Station ID: INDU0180
LAT/LON: 41.634587/ -87.176253
Agency: 11COEHUN
Date Created: 11/10/84
Location: LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 6CHB30681
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 0
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 4.40
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 0.01
Distance from RF3: 0.06
On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM BURNS WATERWAY AND ADJACENT LAKE MICHIGAN. SEDIMENT WAS COLLECTED WITH PONAR GRAB SAMPLER. THE ELEVATION OF THE SEDIMENT WATER INTER-

Parameter Inventory for Station: INDU0180

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0181

NPS Station ID: INDU0181 LAT/LON: 41.632587/ -87.176615 Agency: 11COEHUN Date Created: 11/16/84
Location: LAKE MICHIGAN AT MOUTH OF BURNS WATERWAY FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 6CHB30381
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 12.30 On/Off RF1:
RF3 Index: 04040001000200.00 RF3 Mile Point: 0.44 Distance from RF3: 0.87 On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM BURNS WATERWAY AND ADJACENT LAKE MICHIGAN. SEDIMENT WAS COLLECTED WITH PONAR GRAB SAMPLER. THE ELEVATION OF THE SEDIMENT WATER INTER-

Parameter Inventory for Station: INDU0181

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0182

NPS Station ID: INDU0182 LAT/LON: 41.632587/ -87.176615 Agency: 11COECHI Date Created: 08/14/82
Location: LAKE MICHIGAN AT MOUTH OF BURNS WATERWAY FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 6CHB30381
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 12.30 On/Off RF1:
RF3 Index: 04040001000200.00 RF3 Mile Point: 0.44 Distance from RF3: 0.87 On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM BURNS WATERWAY AND ADJACENT LAKE MICHIGAN. SEDIMENT WAS COLLECTED WITH PONAR GRAB SAMPLER. THE ELEVATION OF THE SEDIMENT WATER INTER-

Parameter Inventory for Station: INDU0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	07/08/81-07/08/81	1	5100.	5100.	5100.	5100.	0.	0.	**	**	**	**
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	07/08/81-07/08/81	1	27.6	27.6	27.6	27.6	0.	0.	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	07/08/81-07/08/81	1	17724.	17724.	17724.	17724.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	07/08/81-07/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	07/08/81-07/08/81	1	117.	117.	117.	117.	0.	0.	**	**	**	**
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	07/08/81-07/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	07/08/81-07/08/81	1	114.	114.	114.	114.	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/08/81-07/08/81	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/08/81-07/08/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/08/81-07/08/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/08/81-07/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0183

NPS Station ID: INDU0183
LAT/LON: 41.619976/ -87.176837
Agency: 11COEHUN
Date Created: 11/16/84
Location: BURNS WATERWAY RIVER MILE 0.5
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 6CHB30181
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04040001011
RF1 Mile Point: 0.460
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 040400010012 00.00
RF3 Mile Point: 0.01
Distance from RF3: 0.03
On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM BURNS WATERWAY AND ADJACENT LAKE MICHIGAN. SEDIMENT WAS COLLECTED WITH A PONAR GRAB SAMPLER.

Parameter Inventory for Station: INDU0183

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0184

NPS Station ID: INDU0184
LAT/LON: 41.631810/ -87.176670
Agency: 21IND
Date Created: / /
Location: BURNS DITCH AT MOUTH LAKE MICH.
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 170205 /BD 0
RMI-Indexes: 0849002
Within Park Boundary: No
RMI-Miles: 0000.05
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04040001002
RF1 Mile Point: 28.520
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001050500.00
RF3 Mile Point: 0.18
Distance from RF3: 0.03
On/Off RF3:
Description:
STATION IS LOCATED JUST INSIDE BURNS DITCH AT MOUTH. IT IS INSIDE FROM LAKE MICHIGAN AT THE CATWALK ALONG THE STEEL MILL PIPE ACROSS BURNS DTCH IT IS ABOUT 300 FEET IN FROM THE MOUTH & 37.05 MILES FROM THE BURNS DITCH-LITTLE CALUMET RIVER JUNCTION WITH CALUMET-SAG CHANNEL, AND 1.35 MILES DOWNSTREAM FROM JUNCTION WITH THE INDIANA LITTLE CALUMET RIVER.

Parameter Inventory for Station: INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	332	14.	13.904	29.	0.	61.042	7.813	4.	6.25	21.	24.
00023	SAMPLE WEIGHT IN POUNDS	09/10/79-09/10/79	10	0.71	0.886	2.3	0.15	0.389	0.624	0.188	0.553	1.028	2.235
00024	SAMPLE LENGTH IN INCHES	09/10/79-09/10/79	10	11.45	12.49	16.9	10.4	5.332	2.309	10.41	10.95	14.775	16.77
00060	FLOW, STREAM, MEAN DAILY CFS	01/13/70-12/15/71	39	41.	146.077	1160.	14.	74781.231	273.462	20.	22.	149.	300.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/65-12/20/66	49	30.	32.857	200.	0.	1067.708	32.676	5.	10.	40.	60.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/67-11/20/84	146	24.5	64.959	999.	5.	18071.557	134.43	10.	15.	60.	120.
00080	COLOR (PLATINUM-COBALT UNITS)	01/05/65-12/30/69	127	10.	12.74	45.	5.	73.972	8.601	5.	5.	15.	25.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/13/71-01/07/76	81	2.	4.625	64.	1.	81.155	9.009	1.	1.	4.	16.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	308	600.	598.627	969.	140.	11848.788	108.852	460.	530.	669.75	731.
00151	NITROGEN, AMMONIA, LB/DAYPER CFS STREAMFLOW	09/13/77-09/13/77	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	329	8.7	8.898	14.5	1.8	3.657	1.912	6.5	7.5	10.3	11.4
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/65-12/30/69	126	87.	87.889	149.	55.	239.412	15.473	67.	80.	95.25	105.3
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	331	3.	3.281	15.	0.6	2.055	1.434	1.9	2.4	3.9	4.88
00311	BOD, DISSOLVED, 5 DAY MG/L	09/09/70-09/09/70	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	181	21.	22.199	58.	8.	63.694	7.981	14.	16.	26.	31.8
00340	COD, .25N K2CR2O7 MG/L	06/27/79-06/27/79	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	225	7.6	7.632	8.7	6.5	0.116	0.341	7.2	7.4	7.8	8.04
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	225	7.6	7.497	8.7	6.5	0.135	0.367	7.2	7.4	7.8	8.04
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	225	0.025	0.032	0.316	0.002	0.001	0.033	0.009	0.016	0.04	0.063
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	281	7.5	7.479	8.6	6.2	0.121	0.348	7.02	7.3	7.7	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	281	7.5	7.318	8.6	6.2	0.147	0.384	7.02	7.3	7.7	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	281	0.032	0.048	0.631	0.003	0.004	0.061	0.013	0.02	0.05	0.096
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	205	166.	166.341	224.	100.	478.824	21.882	141.2	153.	180.	194.
00500	RESIDUE, TOTAL (MG/L)	09/09/70-09/26/84	3	170.	196.333	390.	29.	33100.333	181.935	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/05/65-12/20/66	51	25.	32.118	128.	6.	579.826	24.08	13.2	16.	38.	71.
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	01/05/65-12/20/66	50	9.	10.9	31.	0.	43.112	6.566	3.1	5.75	15.	19.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	282	24.	33.156	304.	3.	1071.855	32.739	10.3	16.	39.	60.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-09/26/84	164	7.5	8.976	54.	1.	53.729	7.33	3.	4.	11.	18.
00547	RESIDUE, TOTAL NON-SETTLEABLE (MG/L)	06/27/79-06/27/79	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/27/79-06/27/79	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	174	3.8	4.985	33.	0.5	19.281	4.391	1.4	2.375	5.5	10.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/13/71-12/17/75	82	0.6	0.652	2.2	0.1	0.181	0.425	0.13	0.4	0.825	1.17
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	178	0.5	0.517	4.4	0.05	0.166	0.408	0.2	0.3	0.6	0.9
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/09/70-09/09/70	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	170	0.95	1.181	3.7	0.2	0.455	0.674	0.5	0.7	1.525	2.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-11/20/84	65	0.9	0.938	1.8	0.1	0.16	0.4	0.5	0.6	1.15	1.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	161	1.	1.157	3.1	0.4	0.329	0.573	0.6	0.7	1.45	1.98
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/13/72	169	0.8	0.898	4.	0.	0.276	0.525	0.4	0.6	1.1	1.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	158	0.14	0.257	2.3	0.03	0.109	0.33	0.07	0.1	0.2	0.8
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-11/20/84	52	7.	7.035	18.4	3.6	7.731	2.78	3.99	4.9	7.975	10.25
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	180	0.005	0.023	0.4	0.001	0.002	0.041	0.001	0.005	0.05	0.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	205	282.	279.166	404.	110.	2183.237	46.725	224.	248.	309.	336.4
00910	CALCIUM (MG/L AS CACO3)	09/26/84-09/26/84	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	09/26/84-09/26/84	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/13/71-09/26/84	96	26.5	27.646	65.	3.	98.631	9.931	17.	21.	34.	39.3
00937	POTASSIUM, TOTAL MG/L AS K)	01/13/71-09/26/84	96	4.	3.882	6.	2.	0.581	0.762	3.	3.	4.	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	334	30.	31.928	139.	6.	141.058	11.877	21.	24.	37.	42.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	180	80.	87.744	230.	13.	1345.61	36.683	51.	65.	101.5	129.5
00951	FLUORIDE, TOTAL (MG/L AS F)	01/13/71-09/26/84	96	0.5	0.504	1.6	0.2	0.047	0.216	0.3	0.4	0.6	0.8
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/84-09/26/84	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/13/71-11/02/77	73	10.	8.425	10.	5.	5.47	2.339	5.	5.	10.	10.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/27/79-06/27/79	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/21/78-11/20/84	75	1.	1.547	4.	0.002	0.467	0.684	1.	1.	2.	2.
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	09/11/79-09/11/79	2	0.055	0.055	0.06	0.05	0.	0.007	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/27/79-06/27/79	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	149	5.	6.	10.	0.01	13.202	3.633	2.	2.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/13/71-11/20/84	105	10.	9.19	10.	5.	3.425	1.851	5.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	150	10.	14.633	120.	0.01	272.849	16.518	5.	10.	10.	39.
01040	COPPER, DISSOLVED (UG/L AS CU)	06/27/79-06/27/79	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	150	10.	14.02	60.	0.02	102.835	10.141	4.	5.	20.	20.
01045	IRON, TOTAL (UG/L AS FE)	01/13/71-11/20/84	119	900.	1121.182	4100.	0.2	582455.001	763.187	500.	700.	1300.	2000.
01049	LEAD, DISSOLVED (UG/L AS PB)	06/27/79-06/27/79	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	150	20.	23.7	500.	0.02	1701.816	41.253	10.	10.	30.	40.
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	02/20/73-12/12/73	9	-0.28	0.2	1.51	-0.5	0.656	0.81	0.05	1.06	-0.39	-0.5
01055	MANGANESE, TOTAL (UG/L AS MN)	01/13/71-11/20/84	107	100.	113.318	530.	20.	3074.483	55.448	70.	80.	130.	162.
01067	NICKEL, TOTAL (UG/L AS NI)	04/13/71-11/20/84	116	10.	9.105	200.	0.02	372.256	19.294	0.02	0.02	10.	20.
01092	ZINC, TOTAL (UG/L AS ZN)	04/13/71-11/20/84	113	30.	45.221	240.	10.	1743.031	41.75	10.	10.	60.	106.
01503	ALPHA, DISSOLVED	02/20/73-11/21/84	52	0.65	1.031	6.	0.	1.843	1.358	0.02	0.1	1.	3.
01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	85	1.	1.243	8.	0.07	1.212	1.101	0.56	0.8	1.	2.
01505	ALPHA, SUSPENDED	02/20/73-11/21/84	67	0.5	0.673	4.	0.	0.677	0.823	0.038	0.2	0.9	2.
01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	85	0.5	0.776	4.	0.09	0.373	0.611	0.3	0.4	0.95	2.
03503	BETA, DISSOLVED	02/20/73-11/21/84	85	6.	5.998	40.	0.5	20.685	4.548	3.	4.	7.	9.
03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	85	1.	1.463	7.	0.02	0.856	0.925	1.	1.	2.	2.4
03505	BETA, SUSPENDED	05/02/73-11/21/84	81	1.	1.823	7.	0.1	2.946	1.716	0.3	0.6	2.5	5.
03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	85	0.9	1.149	4.	0.7	0.466	0.683	0.7	0.7	1.	2.
27502	YTTRIUM 90, TOTAL, COUNTING ERROR	01/05/65-12/06/66	35	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
29620	PHOSPHORUS 32, TOTAL	06/27/79-06/27/79	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	216	16500.	31995.324	660000.	50.	3297100094.778	57420.38	2500.	6700.	37000.	67600.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	216	4.217	4.165	5.82	1.699	0.343	0.586	3.398	3.826	4.568	4.83
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			14622.908								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	201	430.	1559.463	52000.	10.	16558824.43	4069.254	32.	130.	1650.	4260.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	201	2.633	2.62	4.716	1.	0.608	0.78	1.502	2.114	3.217	3.629
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			417.029								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/13/71-09/26/84	102	3.	7.785	400.	0.5	1548.81	39.355	1.	1.	5.	8.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/24/65-06/23/65	2	2.	2.	2.	2.	0.	0.	**	**	**	**
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	09/11/79-09/11/79	4	0.164	0.217	0.537	0.003	0.068	0.26	**	**	**	**
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	09/11/79-09/11/79	4	0.219	0.315	0.818	0.005	0.152	0.39	**	**	**	**
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	09/11/79-09/11/79	2	0.311	0.311	0.614	0.007	0.184	0.429	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	01/18/73-07/30/75	7	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39105	PERCENT FAT HEXANE EXTRACTION	09/11/79-09/11/79	2	1.	1.	1.1	0.9	0.02	0.141	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	09/11/79-09/11/79	2	0.002	0.002	0.003	0.001	0.	0.001	**	**	**	**
39303	P P DDT IN TISSUE, FAT BASIS (UG/G)	09/11/79-09/11/79	2	0.185	0.185	0.29	0.08	0.022	0.148	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	09/11/79-09/11/79	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
39313	P P DDD IN TISSUE, FAT BASIS (UG/G)	09/11/79-09/11/79	2	1.445	1.445	1.5	1.39	0.006	0.078	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	09/11/79-09/11/79	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
39323	P P DDE IN TISSUE, FAT BASIS (UG/G)	09/11/79-09/11/79	2	3.995	3.995	4.47	3.52	0.451	0.672	**	**	**	**
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	09/11/79-09/11/79	2	0.005	0.005	0.005	0.004	0.	0.001	**	**	**	**
39405	DIELDRIN IN TISSUE, FAT BASIS (UG/G)	09/11/79-09/11/79	2	0.455	0.455	0.55	0.36	0.018	0.134	**	**	**	**
39515	PCBS (MG/KG) FISH TISSUE MG/KG	09/11/79-09/11/79	4	10.986	13.384	31.367	0.195	245.1	15.656	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/18/73-07/30/75	7	0.01	0.02	0.07	0.01	0.001	0.022	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/26/84-09/26/84	1	330.	330.	330.	330.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	146	0.1	0.208	3.4	0.05	0.153	0.391	0.05	0.1	0.1	0.5
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/11/79-09/11/79	2	0.065	0.065	0.08	0.05	0.	0.021	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/11/79-09/11/79	2 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	09/11/79-09/11/79	2	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	09/11/79-09/11/79	2 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	09/11/79-09/11/79	2	0.11	0.11	0.12	0.1	0.	0.014	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	09/10/79-09/11/79	14	1.	2.143	5.	1.	3.516	1.875	1.	1.	5.	5.
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	09/11/79-09/11/79	4	1.	1.	1.	1.	0.	0.	**	**	**	**
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	09/11/79-09/11/79	4	0.023	0.033	0.087	0.001	0.002	0.041	**	**	**	**
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	09/11/79-09/11/79	4	0.024	0.049	0.147	0.001	0.005	0.069	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: INDU0184

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	146	42	0.29	50	15	0.30	24	3	0.13	49	23	0.47	23	1	0.04
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	329	1	0.00	101	1	0.01	51	0	0.00	116	0	0.00	61	0	0.00
00400	PH	Other-Hi Lim.	9.	225	0	0.00	70	0	0.00	36	0	0.00	79	0	0.00	40	0	0.00
		Other-Lo Lim.	6.5	225	1	0.00	70	0	0.00	36	0	0.00	79	1	0.01	40	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	281	0	0.00	87	0	0.00	44	0	0.00	100	0	0.00	50	0	0.00
		Other-Lo Lim.	6.5	281	6	0.02	87	2	0.02	44	0	0.00	100	4	0.04	50	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	170	0	0.00	54	0	0.00	29	0	0.00	56	0	0.00	31	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	161	0	0.00	49	0	0.00	24	0	0.00	59	0	0.00	29	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	180	56	0.31	53	14	0.26	26	8	0.31	68	24	0.35	33	10	0.30
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	334	0	0.00	103	0	0.00	53	0	0.00	117	0	0.00	61	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	180	0	0.00	53	0	0.00	27	0	0.00	68	0	0.00	32	0	0.00
00997	ARSENIC, INORGANIC TOT	Fresh Acute	360.	73	0	0.00	25	0	0.00	11	0	0.00	23	0	0.00	14	0	0.00
		Drinking Water	50.	73	0	0.00	25	0	0.00	11	0	0.00	23	0	0.00	14	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	75	0	0.00	24	0	0.00	10	0	0.00	29	0	0.00	12	0	0.00
		Drinking Water	50.	75	0	0.00	24	0	0.00	10	0	0.00	29	0	0.00	12	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	116 &	63	0.54	39	23	0.59	16	9	0.56	41	19	0.46	20	12	0.60
		Drinking Water	5.	116 &	63	0.54	39	23	0.59	16	9	0.56	41	19	0.46	20	12	0.60
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	105	0	0.00	35	0	0.00	16	0	0.00	36	0	0.00	18	0	0.00
		Drinking Water	100.	105	0	0.00	35	0	0.00	16	0	0.00	36	0	0.00	18	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	150	1	0.01	50	1	0.02	21	0	0.00	53	0	0.00	26	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	150	67	0.45	50	25	0.50	21	11	0.52	53	19	0.36	26	12	0.46
		Drinking Water	1300.	150	0	0.00	50	0	0.00	21	0	0.00	53	0	0.00	26	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	150	1	0.01	50	1	0.02	21	0	0.00	53	0	0.00	26	0	0.00
		Drinking Water	5.	127 &	126	0.99	42	42	1.00	19	19	1.00	44	43	0.98	22	22	1.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	116	0	0.00	38	0	0.00	18	0	0.00	40	0	0.00	20	0	0.00
		Drinking Water	100.	116	1	0.01	38	1	0.03	18	0	0.00	40	0	0.00	20	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	113	10	0.09	37	1	0.03	17	2	0.12	39	4	0.10	20	3	0.15

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0184

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	216	212	0.98	72	71	0.99	35	34	0.97	77	77	1.00	32	30	0.94
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	201	143	0.71	61	40	0.66	30	24	0.80	75	58	0.77	35	21	0.60
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	400.	7	0	0.00				2	0	0.00	2	0	0.00	3	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	146	1	0.01	48	0	0.00	21	0	0.00	51	1	0.02	26	0	0.00
		Drinking Water	2.	146	2	0.01	48	1	0.02	21	0	0.00	51	1	0.02	26	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1965 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	26	13.5	13.731	26.	3.	66.365	8.146	3.	4.75	21.	24.3
00080	COLOR (PLATINUM-COBALT UNITS)	01/05/65-12/30/69	26	15.	17.885	45.	5.	90.346	9.505	10.	10.	25.	35.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	26	643.	650.154	827.	509.	7005.815	83.701	518.8	591.5	711.25	744.6
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	26	9.1	9.262	12.6	7.3	1.634	1.278	7.94	8.35	9.825	11.52
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/65-12/30/69	26	91.	88.269	123.	62.	298.525	17.278	62.7	69.75	97.25	113.4
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	26	3.65	3.519	5.8	1.4	1.254	1.12	2.04	2.5	4.125	5.1
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	23	7.6	7.617	8.	7.2	0.047	0.217	7.34	7.5	7.8	7.96
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	23	7.6	7.567	8.	7.2	0.05	0.223	7.34	7.5	7.8	7.96
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	23	0.025	0.027	0.063	0.01	0.	0.013	0.011	0.016	0.032	0.046
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	26	172.	172.538	224.	102.	735.858	27.127	141.4	157.5	196.5	208.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	26	1.45	1.538	3.1	0.4	0.582	0.763	0.74	0.8	2.025	2.79
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/13/72	26	0.7	0.669	1.3	0.	0.11	0.332	0.2	0.475	0.9	1.16
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	25	312.	309.72	388.	228.	1656.127	40.696	246.4	289.5	351.	360.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	26	28.	28.269	43.	17.	31.565	5.618	22.1	23.75	32.25	34.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	26	21500.	55580.769	660000.	1700.162	37567215.385	127426.713	5630.	11750.	43000.	106100.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	26	4.332	4.374	5.82	3.23	0.26	0.509	3.749	4.07	4.633	5.005
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			23662.501								

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Annual Analysis for 1966 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	25	10.	14.12	29.	1.	91.027	9.541	3.	4.5	24.5	27.
00080	COLOR (PLATINUM-COBALT UNITS)	01/05/65-12/30/69	25	10.	14.8	40.	5.	117.667	10.847	5.	5.	25.	34.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	25	10.1	10.168	13.	6.9	3.095	1.759	7.66	8.7	11.6	12.58
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/65-12/30/69	25	91.	96.64	149.	70.	333.407	18.259	81.2	84.5	102.	129.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	25	3.4	3.216	5.2	0.6	1.308	1.144	1.5	2.45	4.35	4.64
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	25	7.6	7.464	8.	6.8	0.065	0.255	7.06	7.4	7.6	7.68
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	25	7.6	7.382	8.	6.8	0.072	0.268	7.06	7.4	7.6	7.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	25	0.025	0.041	0.158	0.01	0.001	0.032	0.021	0.025	0.04	0.088
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	25	170.	167.76	222.	126.	556.44	23.589	139.2	147.	185.	198.8
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	25	0.9	1.12	3.1	0.3	0.447	0.668	0.46	0.7	1.55	2.04
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/13/72	25	0.6	0.668	1.3	0.3	0.075	0.273	0.3	0.5	0.8	1.12
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	25	294.	299.76	372.	204.	1449.44	38.072	245.2	277.	325.	356.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	25	22.	22.64	38.	6.	36.74	6.061	14.4	20.	26.5	28.8
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	25	16000.	31260.	220000.	1300.	2076665833.333	45570.449	2960.	8700.	33500.	82000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	25	4.204	4.216	5.342	3.114	0.255	0.505	3.471	3.938	4.525	4.907
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16424.84								

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Annual Analysis for 1967 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	25	13.	13.96	28.	0.	63.623	7.976	2.4	8.5	21.	25.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/67-11/20/84	25	20.	28.4	100.	10.	389.	19.723	13.	15.	30.	54.
00080	COLOR (PLATINUM-COBALT UNITS)	01/05/65-12/30/69	24	7.5	9.917	28.	5.	46.688	6.833	5.	5.	10.	22.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	24	647.5	651.875	969.	460.	10924.984	104.523	525.	591.25	682.	795.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	25	9.7	9.748	13.7	7.	2.387	1.545	7.86	8.55	10.65	11.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/65-12/30/69	25	90.	92.44	119.	65.	154.007	12.41	76.2	86.5	102.5	109.6
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	24	2.8	3.725	15.	1.1	7.751	2.784	2.05	2.4	4.35	6.8
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	21	7.5	7.514	8.	6.9	0.08	0.283	7.04	7.35	7.75	7.88
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	21	7.5	7.421	8.	6.9	0.089	0.299	7.04	7.35	7.75	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	21	0.032	0.038	0.126	0.01	0.001	0.029	0.013	0.018	0.045	0.093

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Annual Analysis for 1967 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	24	7.4	7.329	7.9	6.2	0.133	0.364	6.85	7.1	7.5	7.75
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	24	7.4	7.123	7.9	6.2	0.177	0.421	6.85	7.1	7.5	7.75
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	24	0.04	0.075	0.631	0.013	0.015	0.123	0.018	0.032	0.079	0.142
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	24	159.	157.333	182.	112.	177.971	13.341	145.	150.	165.5	171.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	25	26.	42.6	304.	10.	3283.083	57.298	14.	17.5	43.5	70.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-09/26/84	25	8.	9.92	34.	2.	58.66	7.659	3.6	4.	13.5	21.2
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	25	1.	1.148	3.7	0.2	0.683	0.827	0.36	0.55	1.4	2.36
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/13/72	25	0.7	0.712	1.9	0.1	0.125	0.354	0.3	0.55	0.8	1.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	25	294.	294.2	362.	183.	1212.667	34.823	257.2	278.	312.	340.4
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	25	22.	25.6	93.	16.	208.5	14.44	19.2	21.	25.	30.8
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	24	27500.	35041.667	180000.	3000.	1231693840.58	35095.496	10000.	19250.	35750.	70000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	24	4.439	4.413	5.255	3.477	0.12	0.347	3.98	4.284	4.553	4.84
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			25856.863								

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Annual Analysis for 1968 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	27	14.	11.926	25.	0.	60.994	7.81	1.8	5.	19.	23.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/67-11/20/84	27	20.	32.222	100.	5.	742.949	27.257	10.	15.	40.	90.
00080	COLOR (PLATINUM-COBALT UNITS)	01/05/65-12/30/69	27	10.	10.741	25.	5.	41.738	6.46	5.	5.	15.	21.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	27	680.	645.185	850.	420.	14625.926	120.938	448.	520.	740.	776.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	25	8.2	8.608	12.5	5.5	4.151	2.037	6.06	7.	10.15	11.86
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/65-12/30/69	25	78.	78.72	97.	57.	120.627	10.983	64.2	68.	87.	96.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	26	3.5	3.231	5.3	1.5	0.912	0.955	1.77	2.45	3.925	4.13
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	11	7.4	7.555	8.5	7.2	0.137	0.37	7.2	7.4	7.8	8.36
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	11	7.4	7.458	8.5	7.2	0.147	0.383	7.2	7.4	7.8	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	11	0.04	0.035	0.063	0.003	0.	0.019	0.006	0.016	0.04	0.063
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	27	7.5	7.437	8.2	6.7	0.097	0.312	6.98	7.2	7.6	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	27	7.5	7.325	8.2	6.7	0.11	0.332	6.98	7.2	7.6	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	27	0.032	0.047	0.2	0.006	0.002	0.041	0.016	0.025	0.063	0.105
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	27	170.	167.148	194.	118.	312.67	17.682	143.2	158.	182.	184.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	27	27.	31.63	103.	12.	367.319	19.166	15.8	19.	34.	59.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-09/26/84	26	10.	9.385	20.	1.	20.806	4.561	2.7	6.	12.	16.6
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	27	1.	1.07	2.3	0.6	0.188	0.434	0.6	0.8	1.2	1.74
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/13/72	27	0.7	0.867	3.	0.2	0.305	0.553	0.3	0.6	1.	1.52
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	27	300.	299.926	404.	188.	3003.84	54.807	214.	268.	340.	382.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	27	24.	25.481	37.	17.	23.49	4.847	20.	23.	27.	35.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	26	31500.	43961.538	270000.	7000.	2701878461.538	51979.597	8700.	15500.	63500.	76900.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	26	4.496	4.47	5.431	3.845	0.143	0.378	3.939	4.19	4.803	4.878
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			29530.892								

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Annual Analysis for 1969 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	25	14.	13.2	25.	2.	55.333	7.439	4.2	5.5	19.5	24.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/67-11/20/84	25	20.	26.4	90.	5.	515.667	22.708	8.	15.	30.	72.
00080	COLOR (PLATINUM-COBALT UNITS)	01/05/65-12/30/69	25	10.	10.2	25.	5.	34.333	5.859	5.	5.	15.	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	25	600.	593.6	720.	490.	4040.667	63.566	496.	550.	645.	678.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	25	8.6	9.076	12.8	5.8	4.196	2.048	6.3	7.4	11.05	11.78
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/65-12/30/69	25	86.	83.36	102.	55.	117.49	10.839	60.4	81.	89.	93.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	25	2.5	2.788	4.6	1.6	0.739	0.859	1.76	2.3	3.4	4.32

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Annual Analysis for 1969 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	13	7.9	7.8	8.7	7.3	0.168	0.41	7.3	7.45	8.	8.54
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	13	7.9	7.655	8.7	7.3	0.191	0.437	7.3	7.45	8.	8.54
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	13	0.013	0.022	0.05	0.002	0.	0.017	0.003	0.01	0.036	0.05
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	25	7.5	7.404	8.	6.5	0.132	0.363	6.8	7.25	7.7	7.74
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	25	7.5	7.215	8.	6.5	0.169	0.411	6.8	7.25	7.7	7.74
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	25	0.032	0.061	0.316	0.01	0.006	0.08	0.018	0.02	0.057	0.186
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	25	176.	173.8	200.	142.	212.833	14.589	149.2	167.	184.	190.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	25	24.	26.04	55.	9.	117.29	10.83	11.8	19.5	32.5	41.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-09/26/84	18	8.5	11.111	54.	3.	128.105	11.318	3.9	6.75	10.25	23.4
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	25	0.9	0.956	2.1	0.2	0.168	0.41	0.56	0.7	1.2	1.56
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/13/72	25	1.	1.012	1.6	0.1	0.12	0.347	0.6	0.75	1.3	1.44
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	25	284.	280.08	332.	240.	681.16	26.099	241.2	263.	305.	312.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	25	24.	26.6	50.	16.	50.583	7.112	20.6	22.5	29.	37.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	25	16000.	33096.	220000.	1000.	1960347066.667	44275.807	3560.	9000.	48000.	65200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	25	4.204	4.253	5.342	3.	0.277	0.526	3.478	3.952	4.681	4.801
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17905.316								

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Annual Analysis for 1970 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	21	15.	13.619	26.	2.	69.348	8.328	3.	6.	21.5	25.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/67-11/20/84	22	30.	49.318	210.	10.	2184.037	46.734	10.	15.	80.	90.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	22	615.	586.364	690.	390.	7729.004	87.915	416.	532.5	632.5	690.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	22	9.9	9.364	14.5	1.8	8.232	2.869	5.32	7.5	11.425	12.56
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	21	2.9	2.852	4.8	1.2	0.81	0.9	1.54	2.2	3.55	4.12
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	8	7.5	7.55	8.5	7.1	0.171	0.414	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	8	7.5	7.437	8.5	7.1	0.186	0.431	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	8	0.032	0.037	0.079	0.003	0.	0.022	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	21	7.4	7.395	7.9	7.1	0.031	0.177	7.2	7.3	7.5	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	21	7.4	7.365	7.9	7.1	0.032	0.18	7.2	7.3	7.5	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	21	0.04	0.043	0.079	0.013	0.	0.015	0.025	0.032	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	22	178.	173.636	216.	116.	549.957	23.451	136.	161.	188.	199.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	21	36.	35.905	100.	6.	521.09	22.827	7.6	18.5	44.5	70.6
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	21	1.5	1.524	3.5	0.4	0.566	0.752	0.52	0.85	2.	2.38
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/13/72	20	1.	1.25	4.	0.6	0.535	0.732	0.71	0.925	1.2	1.89
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	22	286.	279.5	326.	222.	791.405	28.132	231.8	265.25	297.5	316.2
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	22	29.	34.227	139.	20.	595.898	24.411	21.3	24.	33.5	46.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	22	15000.	26659.091	160000.	1000.	1735618722.944	41660.758	1540.	4300.	23750.	112700.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	22	4.176	4.075	5.204	3.	0.333	0.577	3.134	3.627	4.372	5.009
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11883.104								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	22	100.	503.636	3400.	10.	656214.719	810.071	10.	10.	825.	1580.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	22	2.	2.036	3.531	1.	0.812	0.901	1.	1.	2.916	3.195
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			108.534								

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Annual Analysis for 1971 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	22	15.5	14.182	25.	0.	65.68	8.104	1.2	5.75	20.25	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/67-11/20/84	2	12.5	12.5	15.	10.	12.5	3.536	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/13/71-01/07/76	20	2.	2.33	8.	1.	3.382	1.839	1.	1.1	2.	5.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	22	580.	598.636	780.	340.	10174.242	100.867	513.	530.	660.	764.

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Annual Analysis for 1971 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	22	9.15	9.2	12.	5.7	3.659	1.913	6.3	7.65	11.1	11.75
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	22	3.55	3.659	6.	1.9	1.038	1.019	2.32	2.975	4.15	5.34
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	21	23.	22.667	33.	15.	34.333	5.859	16.	16.	28.	30.
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	12	7.9	7.942	8.4	7.5	0.09	0.3	7.5	7.725	8.175	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	12	7.9	7.851	8.4	7.5	0.099	0.314	7.5	7.725	8.175	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	12	0.013	0.014	0.032	0.004	0.	0.009	0.004	0.007	0.019	0.032
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	22	7.7	7.623	8.6	6.9	0.164	0.405	7.03	7.3	7.9	8.07
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	22	7.7	7.455	8.6	6.9	0.193	0.439	7.03	7.3	7.9	8.07
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	22	0.02	0.035	0.126	0.003	0.001	0.032	0.009	0.013	0.05	0.094
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	3	202.	203.333	218.	190.	197.333	14.048	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	22	38.5	45.182	130.	8.	947.68	30.784	10.8	24.75	57.25	94.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-09/26/84	18	8.	10.389	30.	1.	57.781	7.601	2.8	5.	14.25	22.8
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	21	4.2	4.467	8.	1.	2.976	1.725	2.38	3.35	5.3	7.5
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/13/71-12/17/75	20	0.7	0.655	1.4	0.1	0.138	0.372	0.11	0.4	0.875	1.28
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	19	0.3	0.3	0.8	0.05	0.03	0.172	0.05	0.2	0.4	0.5
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	21	0.9	0.919	2.3	0.2	0.298	0.546	0.4	0.6	1.	2.16
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	19	0.9	0.995	2.3	0.3	0.169	0.412	0.7	0.8	1.1	1.4
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	21	0.05	0.069	0.4	0.05	0.006	0.077	0.05	0.05	0.05	0.09
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	3	290.	291.333	298.	286.	37.333	6.11	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/13/71-09/26/84	21	25.	24.619	45.	3.	113.748	10.665	6.8	17.	32.5	38.6
00937	POTASSIUM, TOTAL MG/L AS K)	01/13/71-09/26/84	21	3.	3.476	6.	2.	0.862	0.928	3.	3.	4.	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	22	31.	30.955	47.	10.	77.76	8.818	19.3	25.25	38.25	41.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	20	102.5	108.45	210.	52.	1401.839	37.441	60.5	86.25	123.75	154.5
00951	FLUORIDE, TOTAL (MG/L AS F)	01/13/71-09/26/84	21	0.5	0.495	1.2	0.2	0.056	0.238	0.2	0.3	0.6	0.8
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/13/71-11/02/77	8	10.	10.	10.	10.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	8	10.	10.	10.	10.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/13/71-11/20/84	8	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	8	45.	50.	120.	10.	1257.143	35.456	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	8	20.	22.5	30.	20.	21.429	4.629	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/13/71-11/20/84	10	1250.	1170.06	3000.	0.2	737732.907	858.914	0.22	600.1	1500.	2850.
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	8	20.	83.75	500.	20.	28341.071	168.348	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/13/71-11/20/84	10	90.	87.5	150.	22.	1556.722	39.455	23.1	60.75	115.	148.
01067	NICKEL, TOTAL (UG/L AS NI)	04/13/71-11/20/84	8	20.	20.	20.	20.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/13/71-11/20/84	8	55.	55.	90.	30.	457.143	21.381	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	3	1100.	2916.667	7600.	50.	16725833.333	4089.723	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	3	3.041	2.874	3.881	1.699	1.211	1.101	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			747.697								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	22	260.	488.636	2300.	10.	383431.385	619.218	13.	60.	555.	1640.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	22	2.414	2.3	3.362	1.	0.468	0.684	1.09	1.778	2.742	3.214
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			199.717								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/13/71-09/26/84	21	1.	2.814	10.	0.5	7.214	2.686	0.68	1.	4.	7.6
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	5	1.4	1.78	3.4	0.7	1.112	1.055	**	**	**	**

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Annual Analysis for 1972 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	21	13.	13.857	24.	2.	54.229	7.364	3.2	8.	20.	23.8
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/13/71-01/07/76	19	4.	11.421	64.	1.	259.146	16.098	1.	1.	16.	32.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	21	610.	627.619	900.	320.	19959.048	141.276	420.	525.	730.	816.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	21	8.5	8.462	12.4	5.3	3.971	1.993	6.04	6.6	10.45	10.98
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	21	3.8	4.071	7.3	1.5	1.972	1.404	2.74	3.15	5.5	5.98
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	19	24.	25.737	58.	18.	94.316	9.712	18.	20.	27.	44.
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	7	7.9	7.686	8.	7.2	0.115	0.339	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	7	7.9	7.571	8.	7.2	0.13	0.361	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	7	0.013	0.027	0.063	0.01	0.	0.021	**	**	**	**

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Annual Analysis for 1972 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	21	7.5	7.448	8.1	6.5	0.233	0.482	6.74	6.95	7.9	8.08
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	21	7.5	7.19	8.1	6.5	0.303	0.55	6.74	6.95	7.9	8.08
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	21	0.032	0.065	0.316	0.008	0.006	0.078	0.008	0.013	0.113	0.185
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	21	35.	42.571	220.	10.	2005.657	44.785	13.2	18.5	47.5	81.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-09/26/84	21	7.	9.381	34.	1.	68.448	8.273	2.	4.5	13.	22.2
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	18	3.6	4.333	10.	1.	7.175	2.679	1.	2.45	5.325	9.01
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/13/71-12/17/75	19	0.7	0.863	2.2	0.1	0.266	0.516	0.4	0.5	1.	2.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	19	0.5	0.668	4.4	0.2	0.835	0.914	0.2	0.4	0.6	0.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	21	1.7	1.49	2.7	0.4	0.443	0.666	0.6	0.9	2.05	2.28
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/13/72	21	1.1	1.243	3.3	0.5	0.446	0.668	0.62	0.75	1.6	2.16
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	19	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00929	SODIUM, TOTAL (MG/L AS NA)	01/13/71-09/26/84	19	29.	31.579	65.	12.	178.924	13.376	16.	21.	40.	50.
00937	POTASSIUM, TOTAL MG/L AS K)	01/13/71-09/26/84	19	4.	3.789	5.	2.	0.731	0.855	3.	3.	4.	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	21	34.	36.286	75.	21.	134.714	11.607	27.	28.5	40.5	52.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	19	102.	108.	230.	30.	2440.667	49.403	60.	70.	120.	194.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/13/71-09/26/84	19	0.4	0.384	0.8	0.2	0.019	0.138	0.2	0.3	0.5	0.5
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/13/71-11/20/84	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/13/71-11/20/84	1	800.	800.	800.	800.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/13/71-11/20/84	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/13/71-11/20/84	1	50.	50.	50.	50.	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	21	1500.	4288.571	52000.	90.	122978002.857	11089.545	104.	325.	3300.	6860.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	21	3.176	3.072	4.716	1.954	0.478	0.692	2.016	2.503	3.518	3.83
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1179.815								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/13/71-09/26/84	18	3.5	5.056	20.	1.	22.056	4.696	1.	2.	6.5	11.9
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**

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Annual Analysis for 1973 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	18	18.	16.389	23.	4.	39.663	6.298	6.7	10.5	22.	23.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/13/71-01/07/76	17	2.	4.471	16.	1.	31.39	5.603	1.	1.	4.	16.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	19	600.	619.474	870.	440.	11105.263	105.382	490.	570.	680.	840.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	18	8.2	8.033	11.	5.7	1.453	1.205	6.42	7.225	8.55	9.65
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	19	3.	3.111	4.6	1.2	0.823	0.907	1.8	2.6	4.	4.4
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	19	21.	23.263	40.	8.	78.538	8.862	12.	18.	28.	40.
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	6	8.25	8.083	8.4	7.4	0.162	0.402	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	6	8.247	7.903	8.4	7.4	0.201	0.448	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	6	0.006	0.012	0.04	0.004	0.	0.014	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	19	7.5	7.5	8.2	6.8	0.178	0.422	6.9	7.2	7.8	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	19	7.5	7.325	8.2	6.8	0.21	0.459	6.9	7.2	7.8	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	19	0.032	0.047	0.158	0.006	0.002	0.043	0.006	0.016	0.063	0.126
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	19	17.	22.263	53.	9.	152.76	12.36	11.	11.	29.	43.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-09/26/84	19	5.	6.105	14.	1.	11.988	3.462	2.	4.	8.	12.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	18	3.25	3.556	7.8	1.	3.71	1.926	1.	1.975	5.225	6.81
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/13/71-12/17/75	19	0.4	0.537	1.2	0.1	0.094	0.306	0.1	0.4	0.7	1.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	19	0.5	0.484	0.8	0.3	0.015	0.121	0.3	0.4	0.5	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	19	1.	1.032	1.6	0.6	0.122	0.35	0.6	0.7	1.4	1.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	18	0.15	0.164	0.36	0.03	0.006	0.078	0.066	0.12	0.2	0.306
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	19	0.038	0.041	0.22	0.002	0.003	0.05	0.004	0.007	0.05	0.1
00929	SODIUM, TOTAL (MG/L AS NA)	01/13/71-09/26/84	19	23.	25.105	42.	12.	58.988	7.68	18.	20.	30.	38.
00937	POTASSIUM, TOTAL MG/L AS K)	01/13/71-09/26/84	19	4.	3.789	5.	3.	0.398	0.631	3.	3.	4.	5.

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Annual Analysis for 1973 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	19	33.	34.053	52.	25.	41.719	6.459	27.	30.	37.	43.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	19	85.	94.895	215.	13.	2433.211	49.328	50.	69.	106.	210.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/13/71-09/26/84	19	0.4	0.511	1.6	0.2	0.094	0.307	0.3	0.3	0.6	0.8
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/13/71-11/02/77	18	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	18	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/13/71-11/20/84	18	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	18	10.	13.889	60.	10.	154.575	12.433	10.	10.	10.	33.
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	18	20.	25.	60.	20.	132.353	11.504	20.	20.	22.5	51.
01045	IRON, TOTAL (UG/L AS FE)	01/13/71-11/20/84	19	900.	989.474	1600.	200.	189883.041	435.756	500.	600.	1500.	1600.
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	18	25.	31.667	70.	20.	273.529	16.539	20.	20.	40.	70.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/13/71-11/20/84	19	90.	98.947	170.	50.	898.83	29.981	70.	80.	110.	150.
01067	NICKEL, TOTAL (UG/L AS NI)	04/13/71-11/20/84	18	0.03	0.032	0.07	0.02	0.	0.015	0.02	0.02	0.043	0.052
01092	ZINC, TOTAL (UG/L AS ZN)	04/13/71-11/20/84	18	60.	68.889	130.	20.	1233.987	35.128	29.	40.	102.5	121.
01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	9	1.	1.244	2.	0.7	0.335	0.579	0.7	0.75	2.	2.
01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	9	0.7	0.689	1.	0.4	0.061	0.247	0.4	0.45	0.95	1.
03503	BETA, DISSOLVED	02/20/73-11/21/84	9	5.	9.667	40.	2.	143.5	11.979	2.	3.	12.	40.
03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	9	2.	2.333	7.	1.	3.75	1.936	1.	1.	3.	7.
03505	BETA, SUSPENDED	05/02/73-11/21/84	8	0.65	1.488	5.	0.1	3.076	1.754	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	9	1.	1.356	4.	0.7	1.135	1.065	0.7	0.75	1.5	4.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	19	400.	1247.368	6800.	40.	3188598.246	1785.665	130.	240.	1600.	4100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	19	2.602	2.731	3.833	1.602	0.342	0.585	2.114	2.38	3.204	3.613
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			538.796								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/13/71-09/26/84	19	1.	23.053	400.	1.	8334.719	91.295	1.	1.	3.	6.
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	18	0.1	0.194	0.6	0.1	0.035	0.186	0.1	0.1	0.175	0.6

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Annual Analysis for 1974 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	12	14.	13.167	22.	3.	52.333	7.234	3.	5.75	20.75	22.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/13/71-01/07/76	12	1.	1.5	4.	1.	0.818	0.905	1.	1.	2.	3.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	12	640.	667.5	850.	530.	11638.636	107.883	539.	575.	767.5	847.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	12	8.5	8.925	11.7	6.6	3.129	1.769	6.87	7.55	10.925	11.67
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	12	3.2	3.342	5.3	1.9	1.144	1.07	1.99	2.525	4.075	5.21
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	12	19.	21.833	51.	10.	124.333	11.15	11.2	14.25	24.75	45.9
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	10	8.1	8.13	8.3	8.	0.009	0.095	8.	8.075	8.2	8.29
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	10	8.1	8.121	8.3	8.	0.009	0.095	8.	8.075	8.2	8.29
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	10	0.008	0.008	0.01	0.005	0.	0.002	0.005	0.006	0.008	0.01
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	12	7.65	7.6	8.1	6.9	0.135	0.367	6.99	7.3	7.875	8.1
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	12	7.647	7.452	8.1	6.9	0.158	0.398	6.99	7.3	7.875	8.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	12	0.023	0.035	0.126	0.008	0.001	0.034	0.008	0.013	0.05	0.107
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	12	20.5	23.	60.	6.	212.727	14.585	6.9	14.	31.25	51.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-09/26/84	12	4.	5.167	13.	1.	11.242	3.353	1.3	3.25	7.5	11.8
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	12	3.4	4.383	14.4	1.7	11.305	3.362	1.85	2.575	4.95	11.76
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/13/71-12/17/75	12	0.55	0.517	1.2	0.1	0.103	0.321	0.1	0.225	0.7	1.08
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	12	0.5	0.625	1.7	0.2	0.168	0.409	0.23	0.325	0.85	1.46
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	12	1.	1.108	1.8	0.6	0.168	0.41	0.63	0.725	1.475	1.77
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	12	0.17	0.17	0.4	0.06	0.009	0.094	0.069	0.1	0.198	0.361
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	11	0.009	0.012	0.05	0.001	0.	0.014	0.001	0.001	0.017	0.044
00929	SODIUM, TOTAL (MG/L AS NA)	01/13/71-09/26/84	12	29.	32.	54.	20.	95.091	9.751	21.5	26.25	34.75	52.2
00937	POTASSIUM, TOTAL MG/L AS K)	01/13/71-09/26/84	12	4.	4.167	5.	3.	0.333	0.577	3.3	4.	4.75	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	12	38.	39.917	64.	28.	128.447	11.333	28.6	30.25	48.75	61.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	12	107.5	113.083	190.	72.	1266.629	35.59	72.6	85.5	122.5	184.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/13/71-09/26/84	12	0.6	0.6	0.9	0.4	0.025	0.16	0.4	0.5	0.6	0.9
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/13/71-11/02/77	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.

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Annual Analysis for 1974 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/13/71-11/20/84	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	12	10.	12.5	30.	10.	38.636	6.216	10.	10.	10.	27.
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	12	20.	25.	60.	20.	154.545	12.432	20.	20.	20.	54.
01045	IRON, TOTAL (UG/L AS FE)	01/13/71-11/20/84	12	750.	816.667	1300.	500.	57878.788	240.58	530.	625.	900.	1270.
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	12	30.	31.667	70.	20.	178.788	13.371	20.	22.5	30.	61.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/13/71-11/20/84	12	105.	114.167	200.	80.	1226.515	35.022	80.	82.5	137.5	182.
01067	NICKEL, TOTAL (UG/L AS NI)	04/13/71-11/20/84	12	0.02	0.025	0.06	0.02	0.	0.012	0.02	0.02	0.028	0.051
01092	ZINC, TOTAL (UG/L AS ZN)	04/13/71-11/20/84	12	105.	109.167	240.	30.	4299.242	65.569	33.	45.	167.5	222.
01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	12	1.	1.625	5.	0.3	1.729	1.315	0.42	0.725	2.	4.4
01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	12	0.4	0.699	2.	0.09	0.428	0.655	0.153	0.3	0.95	2.
03503	BETA, DISSOLVED	02/20/73-11/21/84	12	6.	6.417	9.	5.	1.72	1.311	5.	6.	6.75	9.
03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	12	1.	1.417	3.	1.	0.447	0.669	1.	1.	2.	2.7
03505	BETA, SUSPENDED	05/02/73-11/21/84	12	1.	1.15	3.	0.1	0.814	0.902	0.13	0.425	2.	2.7
03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	12	0.7	0.892	2.	0.7	0.139	0.373	0.7	0.7	1.	1.7
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	11	520.	1434.545	5400.	240.	2764707.273	1662.741	242.	290.	2700.	4940.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	11	2.716	2.908	3.732	2.38	0.23	0.48	2.384	2.462	3.431	3.684
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			808.818								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/13/71-09/26/84	12	3.	4.167	15.	1.	15.061	3.881	1.	1.25	5.	12.6
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	12	0.1	0.175	0.5	0.1	0.018	0.136	0.1	0.1	0.2	0.47

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Annual Analysis for 1975 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	12	16.5	13.917	25.	0.	76.811	8.764	0.6	4.75	21.75	24.1
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/13/71-01/07/76	12	1.	1.333	4.	1.	0.788	0.888	1.	1.	1.	3.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	12	540.	540.833	640.	360.	7371.97	85.86	390.	472.5	625.	640.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	12	7.6	8.292	11.9	5.4	3.67	1.916	5.85	6.95	10.175	11.51
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	12	3.1	3.242	6.1	2.2	0.997	0.999	2.29	2.575	3.525	5.35
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	12	22.	22.333	37.	12.	53.697	7.328	12.	18.	27.25	34.9
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	2	7.9	7.9	8.	7.8	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	2	7.889	7.889	8.	7.8	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	2	0.013	0.013	0.016	0.01	0.	0.004	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	12	7.3	7.383	8.5	6.5	0.305	0.552	6.59	7.025	7.725	8.38
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	12	7.3	7.121	8.5	6.5	0.38	0.617	6.59	7.025	7.725	8.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	12	0.05	0.076	0.316	0.003	0.008	0.087	0.005	0.02	0.095	0.269
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	12	22.	33.667	120.	6.	1089.152	33.002	6.9	12.25	43.5	105.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-09/26/84	12	7.	10.083	28.	1.	92.083	9.596	1.	3.25	20.25	26.8
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	12	13.	12.875	33.	3.4	87.068	9.331	3.46	3.775	15.75	30.9
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/13/71-12/17/75	12	0.55	0.633	2.1	0.1	0.279	0.528	0.16	0.3	0.675	1.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	12	0.75	0.808	1.4	0.3	0.094	0.306	0.36	0.6	1.075	1.31
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	12	1.05	1.225	2.4	0.4	0.453	0.673	0.4	0.725	1.7	2.37
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	12	0.125	0.152	0.33	0.06	0.009	0.093	0.063	0.07	0.23	0.318
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	12	0.008	0.012	0.06	0.001	0.	0.016	0.001	0.005	0.013	0.049
00929	SODIUM, TOTAL (MG/L AS NA)	01/13/71-09/26/84	12	28.	27.167	36.	12.	48.879	6.991	14.4	22.	33.75	35.4
00937	POTASSIUM, TOTAL MG/L AS K)	01/13/71-09/26/84	12	4.	4.083	5.	3.	0.265	0.515	3.3	4.	4.	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	12	34.	34.083	44.	19.	40.265	6.345	22.3	31.25	37.5	43.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	12	92.5	93.167	160.	48.	1405.606	37.491	48.6	56.5	120.	155.5
00951	FLUORIDE, TOTAL (MG/L AS F)	01/13/71-09/26/84	12	0.5	0.533	0.8	0.4	0.013	0.115	0.4	0.5	0.575	0.77
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/13/71-11/02/77	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/13/71-11/20/84	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	12	10.	12.5	40.	10.	75.	8.66	10.	10.	10.	31.
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	12	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
01045	IRON, TOTAL (UG/L AS FE)	01/13/71-11/20/84	12	900.	1150.	3800.	500.	870000.	932.738	500.	600.	1175.	3260.
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	12	20.	29.167	60.	20.	190.152	13.79	20.	20.	37.5	57.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	01/13/71-11/20/84	12	135.	163.333	530.	80.	14096.97	118.731	83.	112.5	165.	422.
01067	NICKEL, TOTAL (UG/L AS NI)	04/13/71-11/20/84	12	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
01092	ZINC, TOTAL (UG/L AS ZN)	04/13/71-11/20/84	12	40.	41.667	80.	20.	378.788	19.462	20.	22.5	57.5	74.
01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	12	1.	1.592	8.	0.3	4.212	2.052	0.45	1.	1.	6.2
01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	12	0.45	0.467	1.	0.1	0.05	0.223	0.16	0.325	0.5	0.91
03503	BETA, DISSOLVED	02/20/73-11/21/84	12	7.	6.417	8.	4.	1.174	1.084	4.3	6.	7.	7.7
03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	12	1.	1.333	3.	1.	0.424	0.651	1.	1.	1.75	2.7
03505	BETA, SUSPENDED	05/02/73-11/21/84	11	0.9	1.727	6.	0.4	3.704	1.925	0.42	0.6	2.	5.8
03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	12	0.7	0.95	2.	0.7	0.248	0.498	0.7	0.7	0.95	2.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	12	480.	1859.167	6800.	10.	5621953.788	2371.066	37.	255.	4225.	6230.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	12	2.68	2.781	3.833	1.	0.668	0.817	1.3	2.406	3.623	3.79
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			604.502								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/13/71-09/26/84	12	5.	4.75	9.	1.	4.75	2.179	1.3	3.25	6.	8.4
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	12	0.1	0.15	0.3	0.1	0.005	0.067	0.1	0.1	0.2	0.27

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	12	14.	14.5	26.	2.	62.091	7.88	3.2	7.75	21.	25.7
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/13/71-01/07/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	12	535.	530.833	600.	390.	3790.152	61.564	405.	530.	580.	600.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	12	8.3	8.15	11.2	5.1	4.525	2.127	5.13	6.45	10.225	10.99
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	12	2.85	2.958	4.7	1.2	1.001	1.	1.41	2.225	3.675	4.58
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	12	17.5	19.167	42.	8.	74.333	8.622	9.5	14.	23.5	36.9
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	9	7.4	7.289	7.9	6.5	0.229	0.478	6.5	6.9	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	9	7.4	7.054	7.9	6.5	0.291	0.539	6.5	6.9	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	9	0.04	0.088	0.316	0.013	0.011	0.103	0.013	0.022	0.139	0.316
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	12	7.5	7.533	7.8	7.2	0.032	0.178	7.26	7.4	7.675	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	12	7.5	7.5	7.8	7.2	0.033	0.181	7.26	7.4	7.675	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	12	0.032	0.032	0.063	0.016	0.	0.013	0.016	0.021	0.04	0.056
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	12	19.	30.583	140.	5.	1559.72	39.493	5.3	8.75	23.	121.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-09/26/84	12	5.5	7.667	20.	2.	38.061	6.169	2.3	3.	12.	19.4
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	10	10.	10.11	16.	4.5	10.923	3.305	4.61	8.225	12.	15.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	12	0.5	0.55	0.9	0.3	0.03	0.173	0.3	0.5	0.6	0.87
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-11/20/84	11	0.5	0.636	1.6	0.1	0.213	0.461	0.14	0.3	0.7	1.56
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	12	0.8	0.967	1.9	0.5	0.208	0.456	0.53	0.6	1.25	1.84
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	12	0.165	0.309	1.2	0.08	0.127	0.356	0.086	0.113	0.285	1.107
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	12	0.002	0.005	0.024	0.001	0.	0.007	0.001	0.001	0.005	0.022
00929	SODIUM, TOTAL (MG/L AS NA)	01/13/71-09/26/84	12	26.	27.25	37.	17.	33.295	5.77	18.5	23.5	31.5	36.7
00937	POTASSIUM, TOTAL MG/L AS K)	01/13/71-09/26/84	12	4.	4.333	5.	4.	0.242	0.492	4.	4.	5.	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	12	33.	34.583	50.	27.	47.902	6.921	27.	28.5	38.5	47.9
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	12	82.	85.417	120.	58.	294.811	17.17	60.7	72.75	100.	114.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/13/71-09/26/84	12	0.55	0.583	0.8	0.3	0.031	0.175	0.33	0.425	0.775	0.8
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/13/71-11/02/77	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/13/71-11/20/84	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	12 ##	5.	10.417	40.	5.	120.265	10.967	5.	5.	16.25	34.
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	12 ##	10.	13.333	30.	10.	42.424	6.513	10.	10.	17.5	27.
01045	IRON, TOTAL (UG/L AS FE)	01/13/71-11/20/84	12	700.	991.667	3800.	500.	848106.061	920.927	500.	525.	950.	3080.
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	12	30.	28.333	40.	10.	160.606	12.673	10.	12.5	40.	40.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/13/71-11/20/84	12	105.	113.333	200.	80.	1260.606	35.505	80.	82.5	135.	185.
01067	NICKEL, TOTAL (UG/L AS NI)	04/13/71-11/20/84	12 ##	10.	31.667	200.	10.	2906.061	53.908	10.	10.	27.5	152.
01092	ZINC, TOTAL (UG/L AS ZN)	04/13/71-11/20/84	11	50.	57.273	130.	10.	1201.818	34.667	10.	40.	80.	120.
01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	11	0.9	1.064	2.	0.7	0.221	0.47	0.72	0.8	1.	2.
01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	11	0.4	0.482	1.	0.3	0.04	0.199	0.3	0.4	0.6	0.92

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Annual Analysis for 1976 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
03503	BETA, DISSOLVED	02/20/73-11/21/84	11	6.	5.818	7.	3.	1.364	1.168	3.4	5.	7.	7.
03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	11	1.	1.082	2.	0.9	0.094	0.306	0.92	1.	1.	1.8
03505	BETA, SUSPENDED	05/02/73-11/21/84	10	0.95	1.9	6.	0.1	3.576	1.891	0.13	0.625	3.25	5.8
03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	11	0.7	0.873	2.	0.7	0.15	0.388	0.7	0.7	0.9	1.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	11	1200.	1815.455	6300.	10.	4562447.273	2135.989	16.	80.	3300.	5900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	11	3.079	2.689	3.799	1.	0.891	0.944	1.12	1.903	3.519	3.766
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			488.46								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/13/71-09/26/84	12	5.5	5.75	14.	1.	11.25	3.354	1.45	3.125	7.5	12.2
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	12 ##	0.05	0.062	0.1	0.05	0.001	0.023	0.05	0.05	0.088	0.1

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Annual Analysis for 1977 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	11	18.	16.	26.	4.	52.	7.211	4.6	9.	21.	25.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	11	620.	599.091	740.	400.	10049.091	100.245	412.	560.	650.	736.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	11	7.7	8.155	10.1	6.3	1.849	1.36	6.44	7.	9.5	10.06
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	11	3.1	3.455	5.9	2.5	1.069	1.034	2.5	2.8	4.	5.66
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	11	21.	21.455	29.	14.	23.473	4.845	14.4	17.	26.	28.6
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	11	7.4	7.391	7.8	6.7	0.097	0.311	6.78	7.2	7.6	7.78
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	11	7.4	7.271	7.8	6.7	0.113	0.336	6.78	7.2	7.6	7.78
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	11	0.04	0.054	0.2	0.016	0.003	0.052	0.017	0.025	0.063	0.176
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	11	7.5	7.491	7.9	7.2	0.039	0.197	7.22	7.3	7.6	7.86
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	11	7.5	7.453	7.9	7.2	0.04	0.201	7.22	7.3	7.6	7.86
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	11	0.032	0.035	0.063	0.013	0.	0.015	0.014	0.025	0.05	0.061
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	11	26.	27.182	50.	12.	145.564	12.065	12.	18.	37.	48.2
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	11	5.5	7.327	16.	3.8	14.112	3.757	3.9	4.8	10.	15.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	11	0.6	0.709	1.6	0.2	0.149	0.386	0.26	0.5	1.	1.5
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-11/20/84	3	0.8	0.767	1.	0.5	0.063	0.252	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	11	0.8	0.936	1.9	0.5	0.179	0.423	0.5	0.6	1.2	1.78
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	11	0.15	0.155	0.24	0.09	0.003	0.051	0.092	0.12	0.19	0.24
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	11 ##	0.001	0.003	0.022	0.001	0.	0.006	0.001	0.001	0.003	0.018
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	11	41.	42.364	64.	33.	73.055	8.547	33.6	36.	45.	61.2
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	11	81.	83.727	185.	32.	1473.218	38.383	37.	63.	92.	167.
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/13/71-11/02/77	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	11 ##	5.	5.455	10.	5.	2.273	1.508	5.	5.	5.	9.
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	11 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	01/13/71-11/20/84	11	1100.	1063.636	1800.	500.	122545.455	350.065	540.	800.	1300.	1700.
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	11	20.	23.636	40.	10.	205.455	14.334	10.	10.	40.	40.
01067	NICKEL, TOTAL (UG/L AS NI)	04/13/71-11/20/84	11 ##	10.	10.909	20.	10.	9.091	3.015	10.	10.	10.	18.
01092	ZINC, TOTAL (UG/L AS ZN)	04/13/71-11/20/84	9 ##	10.	12.222	20.	10.	19.444	4.41	10.	10.	15.	20.
01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	11	0.8	0.725	1.	0.07	0.08	0.283	0.136	0.6	1.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	11	0.4	0.473	0.7	0.4	0.01	0.101	0.4	0.4	0.5	0.68
03503	BETA, DISSOLVED	02/20/73-11/21/84	11	6.	6.182	11.	4.	3.364	1.834	4.2	5.	7.	10.2
03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	11	1.	0.911	1.	0.02	0.087	0.295	0.216	1.	1.	1.
03505	BETA, SUSPENDED	05/02/73-11/21/84	10	1.35	1.26	2.	0.3	0.627	0.792	0.3	0.525	2.	2.
03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	11	0.8	0.782	0.9	0.7	0.004	0.06	0.7	0.7	0.8	0.88
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	4	3100.	3850.	7200.	2000.	6063333.333	2462.384	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	4	3.462	3.521	3.857	3.301	0.073	0.271	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3316.351								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	10	505.	2401.	12000.	70.	13961676.667	3736.533	73.	122.5	3550.	11260.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	10	2.69	2.832	4.079	1.845	0.621	0.788	1.861	2.085	3.545	4.038
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			678.836								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/13/71-09/26/84	6 ##	3.25	3.75	6.	2.5	2.275	1.508	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	11 ##	0.05	0.082	0.2	0.05	0.002	0.046	0.05	0.05	0.1	0.18

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Annual Analysis for 1978 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	11	17.	15.455	25.	3.	66.073	8.129	3.	7.	23.	24.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	11	580.	555.455	730.	430.	7587.273	87.105	432.	490.	600.	708.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	11	7.9	8.545	12.2	6.2	3.387	1.84	6.36	7.2	10.1	11.96
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	11	2.5	3.073	7.3	1.3	2.946	1.716	1.42	1.9	4.1	6.74
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	11	20.	20.091	42.	9.	78.491	8.86	9.6	14.	22.	38.8
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	9	7.4	7.422	7.8	7.1	0.054	0.233	7.1	7.2	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	9	7.4	7.367	7.8	7.1	0.058	0.24	7.1	7.2	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	9	0.04	0.043	0.079	0.016	0.001	0.023	0.016	0.025	0.065	0.079
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	11	7.7	7.645	8.1	7.1	0.089	0.298	7.16	7.4	7.9	8.08
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	11	7.7	7.552	8.1	7.1	0.098	0.314	7.16	7.4	7.9	8.08
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	11	0.02	0.028	0.079	0.008	0.	0.02	0.008	0.013	0.04	0.072
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	11	22.	40.818	240.	3.	4520.364	67.234	4.	12.	29.	202.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	11	1.	1.736	5.6	0.5	2.853	1.689	0.5	0.5	2.	5.32
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	11	0.6	0.6	0.9	0.4	0.034	0.184	0.4	0.4	0.7	0.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	11	0.8	0.955	2.	0.5	0.207	0.455	0.52	0.6	1.3	1.88
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	11	0.12	0.146	0.3	0.09	0.006	0.074	0.092	0.1	0.17	0.296
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	11 ##	0.001	0.001	0.006	0.001	0.	0.002	0.001	0.001	0.003	0.005
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	11	40.	39.818	54.	32.	35.764	5.98	32.4	34.	42.	52.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	11	78.	73.	100.	48.	267.2	16.346	48.2	58.	82.	98.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/21/78-11/20/84	11	2.	1.818	4.	1.	0.964	0.982	1.	1.	2.	3.8
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	11 ##	5.	21.364	70.	5.	575.455	23.989	5.	5.	40.	66.
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	11 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	11 ##	10.	10.909	20.	10.	9.091	3.015	10.	10.	10.	18.
01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	4	0.85	0.775	0.9	0.5	0.036	0.189	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	4	0.85	1.125	2.	0.8	0.343	0.585	**	**	**	**
03503	BETA, DISSOLVED	02/20/73-11/21/84	4	4.	4.25	6.	3.	1.583	1.258	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	4	1.5	1.5	2.	1.	0.333	0.577	**	**	**	**
03505	BETA, SUSPENDED	05/02/73-11/21/84	4	0.65	1.925	6.	0.4	7.396	2.72	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	4	1.	1.25	2.	1.	0.25	0.5	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	8	5800.	30512.5	83000.	2500.	1383561250.	37196.253	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	8	3.736	4.069	4.919	3.398	0.456	0.675	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11721.904								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	11	390.	1197.273	4800.	110.	3106961.818	1762.658	110.	130.	1200.	4760.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	11	2.591	2.696	3.681	2.041	0.347	0.589	2.041	2.114	3.079	3.678
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			497.007								
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	11	0.1	0.264	0.7	0.05	0.064	0.253	0.05	0.1	0.5	0.68

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Annual Analysis for 1979 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	11	16.	15.727	25.	5.	56.018	7.485	5.6	8.	24.	24.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	11	650.	585.455	760.	140.	30647.273	175.064	198.	540.	710.	752.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	10	8.	8.32	10.6	6.3	2.924	1.71	6.34	6.775	10.	10.57
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	11	3.2	3.809	12.	1.8	7.723	2.779	1.94	2.6	3.8	10.36
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	11	20.	20.	33.	11.	37.6	6.132	11.6	16.	24.	31.2
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	9	7.7	7.633	8.2	7.	0.107	0.328	7.	7.45	7.8	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	9	7.7	7.516	8.2	7.	0.123	0.351	7.	7.45	7.8	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	9	0.02	0.03	0.1	0.006	0.001	0.028	0.006	0.016	0.036	0.1
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	11	7.7	7.618	8.	6.4	0.2	0.447	6.58	7.6	7.9	7.98
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	11	7.7	7.263	8.	6.4	0.339	0.582	6.58	7.6	7.9	7.98
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	11	0.02	0.055	0.398	0.01	0.013	0.114	0.011	0.013	0.025	0.329
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	11	19.	21.455	46.	5.	137.073	11.708	6.2	14.	30.	43.8
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	11	1.9	2.364	5.2	1.	1.821	1.349	1.08	1.4	2.5	5.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	11	0.4	0.455	0.9	0.3	0.037	0.192	0.3	0.3	0.5	0.86

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Annual Analysis for 1979 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	11	1.	1.155	2.7	0.5	0.403	0.635	0.52	0.8	1.5	2.52
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	11	0.14	0.133	0.17	0.07	0.001	0.028	0.078	0.12	0.15	0.168
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	11	0.005	0.004	0.005	0.001	0.	0.002	0.001	0.005	0.005	0.005
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	11	37.	34.545	45.	8.	94.873	9.74	12.6	32.	38.	44.6
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	11	86.	86.455	120.	23.	617.073	24.841	34.2	80.	100.	118.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/21/78-11/20/84	12	1.	1.	2.	0.002	0.181	0.426	0.301	1.	1.	1.7
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	12	10.	9.167	10.	0.01	8.317	2.884	3.007	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	12	10.	22.501	80.	0.01	602.232	24.54	3.007	10.	35.	74.
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	12	20.	18.335	20.	0.02	33.267	5.768	6.014	20.	20.	20.
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	12	20.	18.335	20.	0.02	33.267	5.768	6.014	20.	20.	20.
01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	4	0.9	1.125	2.	0.7	0.356	0.597	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	4	0.8	0.75	1.	0.4	0.063	0.252	**	**	**	**
03503	BETA, DISSOLVED	02/20/73-11/21/84	4	3.	4.75	11.	2.	17.583	4.193	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	4	1.	0.975	1.	0.9	0.002	0.05	**	**	**	**
03505	BETA, SUSPENDED	05/02/73-11/21/84	4	3.	2.575	4.	0.3	2.523	1.588	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	4	0.95	1.175	2.	0.8	0.309	0.556	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	8	20000.	30425.	80000.	1800.	975970714.286	31240.53	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	8	4.239	4.177	4.903	3.255	0.387	0.622	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15043.308								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	10	595.	1965.2	10000.	60.	10871119.289	3297.138	61.2	228.	2350.	9580.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	10	2.774	2.789	4.	1.778	0.505	0.711	1.786	2.3	3.25	3.976
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			614.859								
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	11	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

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Annual Analysis for 1980 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	11	13.	12.727	25.	0.	77.218	8.787	0.8	4.	21.	24.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/67-11/20/84	4	120.	246.5	660.	86.	76515.667	276.615	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	11	570.	592.545	720.	460.	6164.273	78.513	474.	530.	670.	712.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	10	7.85	8.17	11.1	5.6	4.165	2.041	5.63	6.2	10.5	11.07
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	11	2.8	3.127	4.9	1.7	1.442	1.201	1.72	2.2	4.6	4.88
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	11	20.	22.	36.	15.	44.2	6.648	15.	16.	26.	34.8
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	10	7.5	7.47	7.7	7.2	0.027	0.164	7.21	7.3	7.6	7.69
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	10	7.5	7.442	7.7	7.2	0.028	0.166	7.21	7.3	7.6	7.69
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	10	0.032	0.036	0.063	0.02	0.	0.014	0.02	0.025	0.05	0.062
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	11	7.4	7.309	7.6	6.9	0.059	0.243	6.92	7.1	7.5	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	11	7.4	7.246	7.6	6.9	0.063	0.252	6.92	7.1	7.5	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	11	0.04	0.057	0.126	0.025	0.001	0.033	0.025	0.032	0.079	0.121
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	11	172.	165.455	190.	110.	547.273	23.394	116.	160.	180.	189.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	11	15.	25.091	110.	5.	913.491	30.224	5.	8.	28.	96.4
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	9	4.3	6.1	15.	1.	26.875	5.184	1.	1.6	11.3	15.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	11	0.4	0.564	1.3	0.3	0.113	0.335	0.3	0.3	0.8	1.24
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-11/20/84	11	1.	1.182	1.8	0.8	0.112	0.334	0.82	1.	1.5	1.78
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	11	1.	1.264	2.9	0.6	0.541	0.735	0.6	0.7	1.6	2.78
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	11	0.14	0.14	0.2	0.08	0.001	0.037	0.086	0.11	0.16	0.2
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-11/20/84	10	6.85	7.17	11.9	4.7	6.109	2.472	4.71	4.875	8.75	11.78
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	11	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	11	252.	253.455	290.	190.	735.273	27.116	199.2	248.	276.	289.2
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	11	41.	39.909	52.	26.	52.491	7.245	27.4	35.	45.	50.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	11	78.	82.364	130.	61.	350.055	18.71	62.	73.	83.	124.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/21/78-11/20/84	11	2.	1.545	2.	1.	0.273	0.522	1.	1.	2.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	11	2.	2.727	10.	2.	5.818	2.412	2.	2.	2.	8.4
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	11	10.	11.818	20.	10.	16.364	4.045	10.	10.	10.	20.
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	11	5.	8.273	23.	4.	46.218	6.798	4.	4.	9.	22.4

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Annual Analysis for 1980 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	11	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	4	1.5	1.975	4.	0.9	2.069	1.438	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	4	1.5	1.425	2.	0.7	0.456	0.675	**	**	**	**
03503	BETA, DISSOLVED	02/20/73-11/21/84	4	4.	5.5	12.	2.	19.667	4.435	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	4	2.	1.95	3.	0.8	1.477	1.215	**	**	**	**
03505	BETA, SUSPENDED	05/02/73-11/21/84	4	2.	2.45	5.	0.8	3.21	1.792	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	4	1.5	1.675	3.	0.7	1.089	1.044	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	9	4100.	4866.667	11000.	1300.	11665000.	3415.406	1300.	2150.	7700.	11000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	9	3.613	3.587	4.041	3.114	0.103	0.321	3.114	3.312	3.873	4.041
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3866.921								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	10	320.	677.	2700.	40.	827223.333	909.518	43.	115.	867.5	2630.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	10	2.504	2.504	3.431	1.602	0.33	0.575	1.626	2.047	2.843	3.418
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			318.806								
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	11	0.1	0.136	0.4	0.1	0.009	0.092	0.1	0.1	0.1	0.36

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Annual Analysis for 1981 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	11	14.	14.545	27.	5.	61.073	7.815	5.2	6.	22.	26.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/67-11/20/84	11	240.	355.182	999.	30.	106216.964	325.909	35.6	120.	500.	979.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	11	560.	559.091	770.	400.	10169.091	100.842	412.	490.	620.	744.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	11	8.6	8.673	10.6	6.9	1.622	1.274	6.92	7.7	9.7	10.58
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	11	2.7	3.255	6.2	1.6	2.551	1.597	1.62	1.9	4.9	6.08
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	11	21.	24.182	44.	13.	81.764	9.042	13.6	18.	30.	41.6
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	11	7.6	7.582	7.9	7.4	0.028	0.166	7.4	7.4	7.7	7.88
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	11	7.6	7.555	7.9	7.4	0.028	0.169	7.4	7.4	7.7	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	11	0.025	0.028	0.04	0.013	0.	0.01	0.013	0.02	0.04	0.04
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	11	7.4	7.473	7.9	7.	0.088	0.297	7.02	7.2	7.8	7.88
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	11	7.4	7.382	7.9	7.	0.097	0.312	7.02	7.2	7.8	7.88
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	11	0.04	0.041	0.1	0.013	0.001	0.028	0.013	0.016	0.063	0.096
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	11	152.	160.818	217.	130.	636.964	25.238	130.4	144.	176.	209.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	11	21.	40.091	140.	6.	1669.291	40.857	7.2	15.	46.	130.6
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	11	3.2	3.318	7.	1.5	2.678	1.636	1.56	2.1	3.8	6.66
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	11	0.3	0.491	1.2	0.1	0.161	0.401	0.1	0.2	0.9	1.14
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-11/20/84	11	1.	1.127	1.7	0.5	0.23	0.48	0.5	0.7	1.7	1.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	11	1.1	1.436	2.9	0.7	0.701	0.837	0.72	0.8	2.4	2.88
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	11	0.12	0.132	0.39	0.03	0.011	0.103	0.032	0.05	0.19	0.352
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-11/20/84	11	8.3	9.7	18.4	4.5	15.54	3.942	5.04	7.7	11.7	17.74
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	11	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	11	240.	243.818	324.	182.	1339.564	36.6	188.	224.	260.	313.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	11	34.	37.364	63.	24.	158.855	12.604	24.4	28.	42.	61.6
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	11	68.	72.273	120.	48.	442.818	21.043	49.6	58.	81.	115.4
01002	ARSENIC, TOTAL (UG/L AS AS)	02/21/78-11/20/84	11	2.	1.727	3.	1.	0.618	0.786	1.	1.	2.	3.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	11	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/13/71-11/20/84	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	11	4.	4.727	7.	4.	1.218	1.104	4.	4.	6.	6.8
01045	IRON, TOTAL (UG/L AS FE)	01/13/71-11/20/84	11	790.	1110.909	3400.	400.	839649.091	916.324	404.	440.	1300.	3160.
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/13/71-11/20/84	11	100.	111.818	200.	20.	2636.364	51.346	30.	80.	160.	194.
01067	NICKEL, TOTAL (UG/L AS NI)	04/13/71-11/20/84	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/13/71-11/20/84	11	10.	13.636	30.	10.	45.455	6.742	10.	10.	20.	28.
01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	6	0.8	0.867	2.	0.2	0.411	0.641	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	6	0.85	0.717	0.9	0.4	0.062	0.248	**	**	**	**
03503	BETA, DISSOLVED	02/20/73-11/21/84	6	3.	4.367	15.	0.5	29.067	5.391	**	**	**	**

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Annual Analysis for 1981 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	6	1.	1.317	2.	0.9	0.282	0.531	**	**	**	**
03505	BETA, SUSPENDED	05/02/73-11/21/84	6	0.9	1.767	6.	0.2	4.663	2.159	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	6	1.	1.167	2.	1.	0.167	0.408	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	9	9900.	27300.	80000.	1200.	835742500.	28909.211	1200.	5700.	55000.	80000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	9	3.996	4.137	4.903	3.079	0.364	0.603	3.079	3.752	4.739	4.903
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13699.852								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	11	1600.	2641.818	6600.	30.	6070616.364	2463.862	72.	490.	4500.	6560.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	11	3.204	3.093	3.82	1.477	0.517	0.719	1.658	2.69	3.653	3.817
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1238.902								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/13/71-09/26/84	1	5.	5.	5.	5.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	11	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

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Annual Analysis for 1982 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	10	12.	11.3	23.	2.	44.9	6.701	2.3	5.	17.	22.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/67-11/20/84	9	50.	74.222	200.	6.	4053.444	63.667	6.	20.	120.	200.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	10	525.	528.	700.	350.	11195.556	105.809	357.	457.5	595.	697.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	10	8.2	8.33	10.2	6.5	1.251	1.119	6.59	7.625	9.025	10.18
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	10	3.75	4.07	7.1	1.5	3.842	1.96	1.54	2.2	5.975	7.07
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	10	23.5	22.9	31.	13.	35.211	5.934	13.3	17.5	27.25	31.
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	10	7.7	7.75	7.9	7.7	0.005	0.071	7.7	7.7	7.8	7.89
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	10	7.7	7.745	7.9	7.7	0.005	0.071	7.7	7.7	7.8	7.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	10	0.02	0.018	0.02	0.013	0.	0.003	0.013	0.016	0.02	0.02
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	10	7.6	7.65	7.9	7.4	0.027	0.165	7.41	7.5	7.8	7.89
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	10	7.6	7.622	7.9	7.4	0.028	0.168	7.41	7.5	7.8	7.89
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	10	0.025	0.024	0.04	0.013	0.	0.009	0.013	0.016	0.032	0.039
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	10	156.	154.	194.	100.	535.778	23.147	104.6	147.5	161.75	191.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	10	30.5	33.7	70.	10.	425.122	20.618	10.	19.	48.	69.6
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	9	3.	3.389	5.7	2.4	1.226	1.107	2.4	2.55	4.2	5.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	9	0.4	0.489	0.9	0.2	0.066	0.257	0.2	0.25	0.75	0.9
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-11/20/84	8	1.	1.075	1.6	0.7	0.122	0.349	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	9	1.	1.067	1.5	0.6	0.118	0.343	0.6	0.75	1.4	1.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	9	0.14	0.152	0.23	0.07	0.002	0.049	0.07	0.12	0.19	0.23
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-11/20/84	10	7.1	6.9	9.2	3.9	1.878	1.37	4.09	6.475	7.45	9.07
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	10	0.005	0.005	0.008	0.005	0.	0.001	0.005	0.005	0.005	0.008
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	10	232.	224.3	316.	132.	3029.789	55.044	133.2	195.	249.	312.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	10	39.	40.2	85.	23.	302.4	17.39	23.	29.	42.	80.7
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	10	57.5	58.4	78.	34.	150.267	12.258	35.5	50.5	67.	76.9
01002	ARSENIC, TOTAL (UG/L AS AS)	02/21/78-11/20/84	9	2.	1.556	2.	1.	0.278	0.527	1.	1.	2.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	10	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/13/71-11/20/84	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	10	10.	12.	30.	10.	40.	6.325	10.	10.	10.	28.
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	10	4.	4.7	7.	4.	1.122	1.059	4.	4.	5.25	6.9
01045	IRON, TOTAL (UG/L AS FE)	01/13/71-11/20/84	10	1350.	1571.	3800.	540.	998210.	999.105	547.	835.	2125.	3670.
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	10	10.	11.	20.	10.	10.	3.162	10.	10.	10.	19.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/13/71-11/20/84	10	125.	132.	220.	80.	2284.444	47.796	81.	90.	170.	218.
01067	NICKEL, TOTAL (UG/L AS NI)	04/13/71-11/20/84	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/13/71-11/20/84	10	20.	23.	40.	10.	67.778	8.233	11.	20.	30.	39.
01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	4	0.95	1.025	2.	0.2	0.549	0.741	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	4	1.5	1.35	2.	0.4	0.623	0.79	**	**	**	**
03503	BETA, DISSOLVED	02/20/73-11/21/84	4	3.	4.	8.	2.	7.333	2.708	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	4	1.	1.2	2.	0.8	0.293	0.542	**	**	**	**
03505	BETA, SUSPENDED	05/02/73-11/21/84	4	3.	3.4	7.	0.6	7.707	2.776	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	4	1.5	1.45	2.	0.8	0.41	0.64	**	**	**	**

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Annual Analysis for 1982 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	8	7500.	24837.5	84000.	2500.	894279821.429	29904.512	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	8	3.872	4.073	4.924	3.398	0.337	0.58	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11828.045								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	10	555.	1345.	6500.	30.	3969183.333	1992.281	30.	270.	1825.	6130.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	10	2.738	2.686	3.813	1.477	0.567	0.753	1.477	2.277	3.244	3.776
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			485.195								
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	10	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

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00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	10	14.	13.	26.	1.	74.667	8.641	1.4	5.	19.75	25.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/67-11/20/84	10	20.	29.2	86.	10.	545.956	23.366	10.2	16.5	34.5	82.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	10	485.	467.	550.	360.	3356.667	57.937	365.	417.5	505.	547.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	10	8.45	8.86	11.9	7.	2.416	1.554	7.01	7.7	10.025	11.72
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	10	1.95	1.96	2.5	1.3	0.205	0.453	1.31	1.55	2.425	2.5
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	10	16.	18.7	35.	13.	43.789	6.617	13.1	14.	22.	33.7
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	9	7.7	7.744	8.	7.6	0.018	0.133	7.6	7.65	7.85	8.
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	9	7.7	7.728	8.	7.6	0.018	0.135	7.6	7.65	7.85	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	9	0.02	0.019	0.025	0.01	0.	0.005	0.01	0.014	0.023	0.025
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	10	7.55	7.6	7.9	7.5	0.018	0.133	7.5	7.5	7.7	7.88
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	10	7.547	7.584	7.9	7.5	0.018	0.134	7.5	7.5	7.7	7.88
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	10	0.028	0.026	0.032	0.013	0.	0.007	0.013	0.02	0.032	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	10	156.5	153.2	175.	124.	283.956	16.851	125.2	140.5	170.5	174.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	10	25.	28.8	63.	8.	302.844	17.402	8.3	16.25	36.	62.1
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	10	4.05	4.1	8.2	1.	3.576	1.891	1.13	3.2	4.775	7.91
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	10	0.2	0.24	0.4	0.1	0.007	0.084	0.11	0.2	0.3	0.39
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-11/20/84	10	0.75	0.8	1.4	0.5	0.082	0.287	0.51	0.6	0.9	1.38
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	10	0.9	0.97	1.7	0.6	0.102	0.32	0.61	0.775	1.2	1.65
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	10	0.1	0.095	0.15	0.04	0.001	0.037	0.042	0.06	0.133	0.149
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-11/20/84	10	5.35	5.66	8.3	3.8	2.489	1.578	3.84	4.35	7.275	8.22
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	10	0.005	0.005	0.007	0.005	0.	0.001	0.005	0.005	0.005	0.007
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	10	232.	226.3	242.	184.	364.678	19.097	185.9	218.75	241.	241.9
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	10	29.	30.1	48.	20.	56.989	7.549	20.5	25.75	32.25	46.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	10	55.	56.3	68.	41.	65.122	8.07	42.	51.	64.5	67.8
01002	ARSENIC, TOTAL (UG/L AS AS)	02/21/78-11/20/84	10	1.5	1.5	2.	1.	0.278	0.527	1.	1.	2.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	10	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/13/71-11/20/84	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	10	4.	4.2	5.	4.	0.178	0.422	4.	4.	4.25	5.
01045	IRON, TOTAL (UG/L AS FE)	01/13/71-11/20/84	10	925.	1154.	2900.	430.	558515.556	747.339	439.	700.	1525.	2800.
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/13/71-11/20/84	10	85.	91.	140.	50.	743.333	27.264	51.	75.	112.5	138.
01067	NICKEL, TOTAL (UG/L AS NI)	04/13/71-11/20/84	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/13/71-11/20/84	10	20.	21.	40.	10.	143.333	11.972	10.	10.	32.5	40.
01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	3	2.	2.333	4.	1.	2.333	1.528	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	3	2.	2.667	4.	2.	1.333	1.155	**	**	**	**
03503	BETA, DISSOLVED	02/20/73-11/21/84	3	5.	3.533	5.	0.6	6.453	2.54	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	3	2.	2.667	4.	2.	1.333	1.155	**	**	**	**
03505	BETA, SUSPENDED	05/02/73-11/21/84	3	2.	2.333	4.	1.	2.333	1.528	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	3	2.	2.667	4.	2.	1.333	1.155	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	10	4400.	14724.	69000.	490.	504801204.444	22467.781	506.	762.5	25750.	65800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	10	3.629	3.636	4.839	2.69	0.59	0.768	2.702	2.881	4.399	4.812
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4322.205								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	10	240.	756.	3800.	10.	1755004.444	1324.766	10.	10.	882.5	3680.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	10	2.366	2.13	3.58	1.	0.917	0.957	1.	1.	2.722	3.563
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			134.825								
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	10	0.1	0.19	0.8	0.1	0.048	0.218	0.1	0.1	0.2	0.74

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	11	15.	14.545	26.	4.	63.473	7.967	4.2	7.	23.	25.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/67-11/20/84	11	20.	25.545	90.	11.	500.873	22.38	11.2	12.	28.	78.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	11	530.	538.182	670.	450.	4996.364	70.685	456.	490.	550.	668.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	11	9.	8.709	13.2	5.9	6.249	2.5	5.9	6.5	10.6	12.78
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	11	2.5	2.473	4.2	1.2	0.676	0.822	1.28	1.9	3.	4.
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	11	23.	22.727	35.	9.	86.618	9.307	9.6	13.	30.	35.
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	9	7.8	7.822	8.2	7.5	0.049	0.222	7.5	7.65	8.	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	9	7.8	7.774	8.2	7.5	0.052	0.228	7.5	7.65	8.	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	9	0.016	0.017	0.032	0.006	0.	0.008	0.006	0.01	0.023	0.032
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	11	7.5	7.482	7.6	7.4	0.006	0.075	7.4	7.4	7.5	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	11	7.5	7.476	7.6	7.4	0.006	0.075	7.4	7.4	7.5	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	11	0.032	0.033	0.04	0.025	0.	0.006	0.025	0.032	0.04	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	11	160.	154.091	170.	120.	250.891	15.84	122.	150.	162.	169.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	11	22.	31.091	110.	4.	859.491	29.317	6.	19.	29.	99.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-09/26/84	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	11	3.3	3.164	5.5	1.5	1.395	1.181	1.62	2.3	4.	5.32
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	11	0.2	0.259	0.7	0.05	0.028	0.169	0.06	0.2	0.3	0.62
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-11/20/84	11	0.9	0.882	1.2	0.6	0.048	0.218	0.6	0.6	1.1	1.18
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	11	1.	1.2	3.1	0.7	0.47	0.686	0.7	0.7	1.2	2.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	11	0.1	0.099	0.14	0.05	0.001	0.028	0.054	0.08	0.13	0.138
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/80-11/20/84	11	5.7	5.618	8.1	3.6	2.512	1.585	3.62	3.7	7.1	8.
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	11	0.005	0.022	0.192	0.003	0.003	0.057	0.003	0.003	0.005	0.155
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	11	250.	230.727	274.	110.	2273.018	47.676	124.	220.	260.	273.2
00929	SODIUM, TOTAL (MG/L AS NA)	01/13/71-09/26/84	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	01/13/71-09/26/84	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	11	36.	35.182	51.	26.	42.964	6.555	26.4	32.	37.	48.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	11	68.	67.909	130.	30.	659.091	25.673	32.8	49.	73.	120.8
00951	FLUORIDE, TOTAL (MG/L AS F)	01/13/71-09/26/84	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	02/21/78-11/20/84	11	2.	1.727	3.	1.	0.418	0.647	1.	1.	2.	2.8
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	11	2.	1.545	2.	1.	0.273	0.522	1.	1.	2.	2.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/13/71-11/20/84	11	10.	7.727	10.	5.	6.818	2.611	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	11	10.	7.727	10.	5.	6.818	2.611	5.	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	11	4.	5.545	14.	4.	8.673	2.945	4.	4.	6.	12.4
01045	IRON, TOTAL (UG/L AS FE)	01/13/71-11/20/84	11	1100.	1404.545	4100.	630.	1076827.273	1037.703	650.	830.	1300.	3800.
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	11	10.	7.727	10.	5.	6.818	2.611	5.	5.	10.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/13/71-11/20/84	11	110.	110.909	160.	50.	1049.091	32.39	56.	90.	140.	158.
01067	NICKEL, TOTAL (UG/L AS NI)	04/13/71-11/20/84	11	10.	7.727	10.	5.	6.818	2.611	5.	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/13/71-11/20/84	11	10.	21.818	90.	10.	576.364	24.008	10.	10.	30.	78.
01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	5	1.	0.88	1.	0.6	0.032	0.179	**	**	**	**
01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	5	1.	0.88	1.	0.6	0.032	0.179	**	**	**	**
03503	BETA, DISSOLVED	02/20/73-11/21/84	5	5.	5.2	8.	3.	3.7	1.924	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	5	2.	2.	2.	2.	0.	0.	**	**	**	**
03505	BETA, SUSPENDED	05/02/73-11/21/84	5	3.	2.48	5.	0.4	3.352	1.831	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	5	2.	1.6	2.	1.	0.3	0.548	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	9	11000.	15488.889	51000.	1100.	260688611.111	16145.854	1100.	3150.	24000.	51000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	9	4.041	3.922	4.708	3.041	0.335	0.579	3.041	3.393	4.371	4.708
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8361.44								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	11	270.	557.273	2400.	20.	484081.818	695.76	24.	180.	930.	2130.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	11	2.431	2.44	3.38	1.301	0.362	0.601	1.361	2.255	2.968	3.308
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			275.17								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/13/71-09/26/84	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	11	0.1	0.105	0.3	0.05	0.006	0.079	0.05	0.05	0.1	0.28

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 9/16 to 1/15 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	102	10.	11.029	25.	0.	40.029	6.327	3.	5.	16.	19.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/67-11/20/84	50	20.	64.94	660.	6.	13053.404	114.251	10.	15.	81.5	138.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	95	620.	612.768	840.	340.	10429.286	102.124	466.	550.	680.	744.6
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	101	9.	9.251	14.5	1.8	3.36	1.833	7.	8.	10.5	11.48
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	102	2.75	2.956	7.1	1.1	1.376	1.173	1.5	2.2	3.625	4.37
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	53	19.	19.057	30.	8.	31.67	5.628	12.	14.	23.5	26.6
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	70	7.6	7.64	8.5	6.8	0.13	0.36	7.11	7.4	7.9	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	70	7.6	7.5	8.5	6.8	0.15	0.387	7.11	7.4	7.9	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	70	0.025	0.032	0.158	0.003	0.001	0.028	0.006	0.013	0.04	0.078
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	87	7.5	7.49	8.5	6.5	0.12	0.346	7.1	7.3	7.7	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	87	7.5	7.338	8.5	6.5	0.143	0.378	7.1	7.3	7.7	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	87	0.032	0.046	0.316	0.003	0.003	0.052	0.013	0.02	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	64	172.	171.313	224.	118.	398.631	19.966	144.	160.	185.5	197.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	88	20.	24.386	75.	3.	270.7	16.453	8.	12.25	32.75	54.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-09/26/84	48	5.5	7.354	28.	1.	33.127	5.756	2.	3.	10.	13.2
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	53	4.3	5.577	33.	0.5	31.952	5.653	1.9	2.65	5.55	11.04
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	53	0.5	0.497	1.3	0.05	0.072	0.268	0.2	0.3	0.7	0.9
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	54	0.95	1.202	3.1	0.2	0.45	0.671	0.5	0.7	1.725	2.25
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-11/20/84	20	0.8	0.87	1.7	0.4	0.15	0.387	0.5	0.525	1.075	1.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	49	1.	1.067	2.3	0.4	0.261	0.511	0.6	0.7	1.3	1.9
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/13/72	53	0.9	0.968	3.	0.2	0.204	0.451	0.5	0.7	1.2	1.46
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	50	0.125	0.218	1.4	0.03	0.082	0.286	0.051	0.087	0.2	0.75
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	53	0.005	0.017	0.192	0.001	0.001	0.031	0.001	0.003	0.023	0.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	65	292.	294.523	404.	182.	2352.66	48.504	235.2	260.	320.	360.8
00929	SODIUM, TOTAL (MG/L AS NA)	01/13/71-09/26/84	27	28.	27.556	48.	3.	80.949	8.997	16.	23.	34.	38.2
00937	POTASSIUM, TOTAL MG/L AS K)	01/13/71-09/26/84	27	4.	4.063	5.	2.	0.669	0.818	3.	4.	5.	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	103	31.	31.65	75.	6.	86.955	9.325	22.4	25.	37.	42.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	53	81.	88.887	210.	48.	1090.872	33.028	58.8	68.	101.	120.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/13/71-09/26/84	27	0.5	0.552	1.6	0.2	0.079	0.281	0.2	0.4	0.6	0.82
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/13/71-11/02/77	25	10.	8.6	10.	5.	5.25	2.291	5.	5.	10.	10.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/21/78-11/20/84	24	1.	1.333	2.	1.	0.232	0.482	1.	1.	2.	2.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	50	5.	6.28	10.	1.	13.43	3.665	2.	2.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/13/71-11/20/84	35	10.	9.	10.	5.	4.118	2.029	5.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	50	10.	17.2	120.	5.	479.755	21.903	5.	8.75	10.	49.
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	50	15.	14.44	50.	4.	88.537	9.409	4.	5.	20.	20.
01045	IRON, TOTAL (UG/L AS FE)	01/13/71-11/20/84	39	700.	867.446	2000.	0.4	208706.574	456.844	440.	500.	1200.	1600.
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	50	20.	30.7	500.	5.	4741.847	68.861	10.	10.	30.	40.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/13/71-11/20/84	35	90.	102.343	530.	20.	6473.291	80.457	50.	80.	100.	150.
01067	NICKEL, TOTAL (UG/L AS NI)	04/13/71-11/20/84	38	10.	12.772	200.	0.02	1026.397	32.037	0.02	0.02	10.	20.
01092	ZINC, TOTAL (UG/L AS ZN)	04/13/71-11/20/84	37	30.	39.73	130.	10.	758.258	27.536	10.	20.	60.	80.
01503	ALPHA, DISSOLVED	02/20/73-11/21/84	14	0.65	1.261	4.	0.06	1.684	1.298	0.08	0.2	2.25	3.5
01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	30	1.	1.189	4.	0.07	0.535	0.731	0.61	0.8	1.25	2.
01505	ALPHA, SUSPENDED	02/20/73-11/21/84	17	0.5	0.609	2.	0.02	0.251	0.501	0.028	0.2	1.	1.2
01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	30	0.65	0.747	2.	0.3	0.237	0.487	0.3	0.4	0.9	1.9
03503	BETA, DISSOLVED	02/20/73-11/21/84	30	6.	6.667	15.	3.	9.402	3.066	3.	4.	7.25	11.9
03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	30	1.	1.463	3.	0.9	0.468	0.684	1.	1.	2.	2.9
03505	BETA, SUSPENDED	05/02/73-11/21/84	27	0.9	1.459	5.	0.1	1.975	1.405	0.18	0.4	2.	3.4
03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	30	0.95	1.067	3.	0.7	0.31	0.557	0.7	0.7	1.	2.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	72	26500.	36990.139	220000.	490.	1668727790.121	40850.065	3590.	8400.	55750.	82400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	72	4.421	4.311	5.342	2.69	0.281	0.53	3.555	3.923	4.746	4.916
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20468.982								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	61	390.	1379.705	12000.	10.	4967155.978	2228.712	10.	81.	1600.	4680.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	61	2.591	2.537	4.079	1.	0.726	0.852	1.	1.906	3.203	3.67
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			344.6								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/13/71-09/26/84	29	4.	17.983	400.	0.5	5407.384	73.535	1.	1.75	6.	9.
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	48	0.1	0.235	2.2	0.05	0.173	0.416	0.05	0.1	0.1	0.52

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	53	5.	4.906	14.	0.	9.01	3.002	1.	3.	6.5	9.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/67-11/20/84	24	20.	27.583	140.	5.	997.384	31.581	5.	10.	29.5	79.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	48	675.	653.708	900.	390.	13496.509	116.174	498.	590.	729.75	791.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	51	11.	10.716	13.7	8.	1.814	1.347	8.42	10.1	11.6	12.4
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	53	3.2	3.355	6.1	0.6	1.466	1.211	1.88	2.5	4.1	5.36
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	27	20.	21.519	42.	12.	55.798	7.47	13.8	15.	27.	30.6
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	36	7.6	7.575	8.1	6.7	0.104	0.323	7.14	7.4	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	36	7.6	7.441	8.1	6.7	0.123	0.35	7.14	7.4	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	36	0.025	0.036	0.2	0.008	0.001	0.037	0.01	0.016	0.04	0.074
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	44	7.4	7.391	8.1	6.7	0.092	0.304	6.95	7.2	7.6	7.75
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	44	7.4	7.285	8.1	6.7	0.104	0.322	6.95	7.2	7.6	7.75
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	44	0.04	0.052	0.2	0.008	0.002	0.04	0.018	0.025	0.063	0.113
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	35	175.	173.6	222.	112.	629.482	25.089	142.	158.	186.	211.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	44	16.5	23.795	140.	5.	705.934	26.569	8.	11.25	23.75	39.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-09/26/84	26	5.5	8.5	24.	3.	40.58	6.37	3.	4.	10.75	20.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	26	3.9	5.108	16.	1.	14.79	3.846	1.	3.025	6.35	11.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	26	0.7	0.71	1.7	0.05	0.168	0.409	0.2	0.3	0.9	1.32
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	29	1.1	1.39	3.7	0.5	0.521	0.722	0.7	0.9	1.8	2.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-11/20/84	11	1.1	1.082	1.7	0.3	0.222	0.471	0.36	0.6	1.5	1.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	24	1.35	1.4	3.1	0.4	0.397	0.63	0.6	0.95	1.675	2.4
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/13/72	28	0.8	0.793	1.5	0.3	0.09	0.299	0.39	0.6	0.975	1.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	23	0.14	0.237	1.4	0.06	0.089	0.298	0.07	0.1	0.2	0.64
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	26	0.008	0.02	0.05	0.001	0.	0.021	0.001	0.005	0.05	0.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	35	302.	292.514	356.	188.	1832.375	42.806	231.2	260.	324.	344.8
00929	SODIUM, TOTAL (MG/L AS NA)	01/13/71-09/26/84	15	35.	34.933	65.	5.	230.495	15.182	12.2	27.	48.	58.4
00937	POTASSIUM, TOTAL MG/L AS K)	01/13/71-09/26/84	15	4.	3.8	5.	2.	0.6	0.775	2.6	3.	4.	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	53	32.	38.113	139.	16.	387.179	19.677	23.	27.	43.	60.2
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	27	80.	95.889	230.	13.	2585.949	50.852	55.	60.	115.	186.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/13/71-09/26/84	15	0.5	0.433	0.6	0.2	0.017	0.129	0.26	0.3	0.5	0.6
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/13/71-11/02/77	11	10.	8.182	10.	5.	6.364	2.523	5.	5.	10.	10.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/21/78-11/20/84	10	1.	1.1	2.	1.	0.1	0.316	1.	1.	1.	1.9
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	21	5.	6.143	10.	2.	13.029	3.61	2.	2.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/13/71-11/20/84	16	10.	9.375	10.	5.	2.917	1.708	5.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	21	10.	9.524	20.	5.	9.762	3.124	5.	10.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	21	20.	16.095	60.	4.	178.59	13.364	4.	4.	20.	30.
01045	IRON, TOTAL (UG/L AS FE)	01/13/71-11/20/84	19	800.	986.326	3800.	0.2	569735.979	754.809	520.	700.	1100.	1500.
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	21	20.	23.81	70.	10.	294.762	17.169	10.	10.	30.	56.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/13/71-11/20/84	17	140.	131.941	220.	33.	2652.809	51.505	46.6	95.	170.	204.
01067	NICKEL, TOTAL (UG/L AS NI)	04/13/71-11/20/84	18	10.	7.788	40.	0.02	88.715	9.419	0.02	0.028	10.	13.
01092	ZINC, TOTAL (UG/L AS ZN)	04/13/71-11/20/84	17	40.	51.176	130.	10.	1648.529	40.602	10.	15.	80.	122.
01503	ALPHA, DISSOLVED	02/20/73-11/21/84	10	0.45	0.99	6.	0.	3.245	1.802	0.01	0.1	0.925	5.5
01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	12	1.	1.85	8.	0.3	5.299	2.302	0.33	0.75	1.75	7.1
01505	ALPHA, SUSPENDED	02/20/73-11/21/84	10	0.28	0.95	3.	0.	1.542	1.242	0.004	0.04	2.25	3.
01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	12	0.4	0.841	2.	0.09	0.537	0.733	0.153	0.4	1.75	2.
03503	BETA, DISSOLVED	02/20/73-11/21/84	12	6.	6.083	11.	3.	6.265	2.503	3.	3.5	7.75	10.4
03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	12	1.5	1.667	3.	1.	0.606	0.778	1.	1.	2.	3.
03505	BETA, SUSPENDED	05/02/73-11/21/84	11	2.	2.4	6.	0.3	5.208	2.282	0.3	0.3	5.	6.
03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	12	1.	1.308	2.	0.7	0.383	0.619	0.7	0.725	2.	2.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	35	20000.	32832.857	270000.	50.	2498445138.655	49984.449	3840.	9000.	40000.	55200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	35	4.301	4.205	5.431	1.699	0.402	0.634	3.581	3.954	4.602	4.741
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16037.734								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	30	1000.	1787.333	6800.	10.	3409523.678	1846.49	61.	252.5	3325.	4460.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	30	2.998	2.863	3.833	1.	0.556	0.746	1.785	2.402	3.522	3.649
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			729.578								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/13/71-09/26/84	15	5.	4.973	11.	0.6	10.239	3.2	0.84	3.	6.	10.4
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	21	0.1	0.129	0.6	0.05	0.015	0.121	0.05	0.1	0.1	0.28

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	117	16.	15.897	29.	0.	42.024	6.483	6.	11.	21.	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/67-11/20/84	49	40.	101.837	999.	10.	37859.056	194.574	15.	20.	90.	210.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	109	600.	584.239	969.	140.	13412.535	115.813	440.	518.	643.	720.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	116	8.35	8.464	13.	5.4	2.893	1.701	6.3	7.2	9.8	10.83
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	117	3.2	3.511	12.	1.5	1.988	1.41	2.	2.5	4.1	4.94
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	68	24.	25.926	58.	14.	73.502	8.573	16.	20.	30.	37.3
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	79	7.6	7.615	8.4	6.5	0.108	0.329	7.3	7.4	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	79	7.6	7.476	8.4	6.5	0.128	0.358	7.3	7.4	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	79	0.025	0.033	0.316	0.004	0.002	0.041	0.01	0.016	0.04	0.05
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	100	7.5	7.488	8.6	6.2	0.148	0.385	7.	7.3	7.7	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	100	7.5	7.279	8.6	6.2	0.192	0.438	7.	7.3	7.7	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	100	0.032	0.053	0.631	0.003	0.007	0.083	0.01	0.02	0.05	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	70	164.	161.629	208.	100.	535.541	23.142	130.	149.5	180.	186.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	100	29.	42.53	304.	6.	1721.868	41.495	15.2	23.	46.75	77.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-09/26/84	57	8.	9.614	34.	1.	51.991	7.21	3.8	5.	11.5	18.2
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	64	3.8	4.723	16.	0.5	14.789	3.846	1.4	2.3	4.8	10.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	67	0.4	0.504	4.4	0.1	0.278	0.527	0.2	0.3	0.5	0.9
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	56	1.15	1.327	3.5	0.2	0.471	0.687	0.6	0.9	1.8	2.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-11/20/84	24	1.	0.988	1.8	0.1	0.173	0.416	0.55	0.625	1.2	1.65
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	59	1.1	1.315	2.9	0.5	0.374	0.612	0.7	0.9	1.6	2.4
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/13/72	58	0.8	0.94	4.	0.1	0.471	0.686	0.3	0.6	1.125	1.81
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	56	0.145	0.242	1.	0.04	0.059	0.242	0.084	0.113	0.215	0.8
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	68	0.005	0.03	0.4	0.001	0.003	0.057	0.001	0.005	0.05	0.051
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	69	276.	266.261	372.	110.	2422.725	49.221	190.	238.	294.	316.
00929	SODIUM, TOTAL (MG/L AS NA)	01/13/71-09/26/84	35	26.	26.486	45.	12.	67.081	8.19	16.4	20.	31.	40.
00937	POTASSIUM, TOTAL MG/L AS K)	01/13/71-09/26/84	35	4.	3.771	6.	3.	0.534	0.731	3.	3.	4.	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	117	31.	31.487	93.	8.	102.166	10.108	21.	24.	37.5	42.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	68	81.	87.926	215.	23.	1416.278	37.633	48.	60.25	101.5	145.5
00951	FLUORIDE, TOTAL (MG/L AS F)	01/13/71-09/26/84	35	0.5	0.511	1.2	0.2	0.04	0.201	0.3	0.4	0.6	0.8
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/13/71-11/02/77	23	10.	8.261	10.	5.	5.929	2.435	5.	5.	10.	10.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/21/78-11/20/84	29	2.	1.724	4.	0.002	0.707	0.841	1.	1.	2.	3.
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	52	5.	5.519	10.	0.01	13.233	3.638	2.	2.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/13/71-11/20/84	36	10.	9.444	10.	5.	2.54	1.594	5.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	53	10.	12.547	50.	0.01	105.402	10.267	5.	10.	10.	30.
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	53	10.	12.736	60.	0.02	98.919	9.946	4.	5.	20.	20.
01045	IRON, TOTAL (UG/L AS FE)	01/13/71-11/20/84	41	1200.	1486.829	4100.	400.	895137.195	946.117	632.	900.	1700.	3300.
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	53	20.	18.114	70.	0.02	138.665	11.776	10.	10.	20.	36.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/13/71-11/20/84	37	110.	119.189	200.	80.	1096.547	33.114	80.	90.	135.	170.
01067	NICKEL, TOTAL (UG/L AS NI)	04/13/71-11/20/84	40	10.	7.758	30.	0.02	43.403	6.588	0.02	0.023	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	04/13/71-11/20/84	39	30.	43.846	240.	10.	2455.87	49.557	10.	10.	50.	120.
01503	ALPHA, DISSOLVED	02/20/73-11/21/84	18	0.7	0.814	3.	0.	0.673	0.82	0.	0.16	1.	2.1
01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	28	0.9	1.075	3.	0.2	0.422	0.65	0.29	0.8	1.	2.
01505	ALPHA, SUSPENDED	02/20/73-11/21/84	26	0.5	0.558	2.	0.	0.277	0.526	0.038	0.2	0.825	1.3
01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	28	0.65	0.743	2.	0.1	0.198	0.445	0.39	0.4	1.	1.1
03503	BETA, DISSOLVED	02/20/73-11/21/84	28	5.	4.489	7.	0.7	3.007	1.734	2.	3.	6.	6.1
03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	28	1.	1.336	3.	0.8	0.331	0.576	0.89	1.	2.	2.
03505	BETA, SUSPENDED	05/02/73-11/21/84	28	2.	2.182	6.	0.5	2.887	1.699	0.59	0.8	3.75	5.1
03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	28	0.95	1.132	2.	0.7	0.273	0.522	0.7	0.725	1.75	2.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	77	17000.	36000.	660000.	1000.	6363897368.421	79774.039	2400.	7000.	36000.	80000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	77	4.23	4.188	5.82	3.	0.317	0.563	3.379	3.845	4.556	4.903
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15409.851								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	75	450.	1358.133	10000.	10.	4087896.468	2021.855	96.	200.	1500.	4260.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	75	2.653	2.689	4.	1.	0.477	0.691	1.982	2.301	3.176	3.629
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			489.177								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/13/71-09/26/84	37	3.	3.824	20.	1.	11.17	3.342	1.	2.	5.	6.2
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	51	0.1	0.217	3.4	0.05	0.232	0.482	0.06	0.1	0.1	0.48

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-11/20/84	60	23.	22.85	27.	14.	7.079	2.661	19.1	21.	25.	26.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/04/67-11/20/84	23	20.	25.435	80.	10.	204.075	14.285	15.	15.	30.	40.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/84	56	560.	555.429	694.	320.	5138.904	71.686	460.	520.	597.25	660.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-11/20/84	61	7.5	7.621	12.5	4.9	2.293	1.514	5.74	6.65	8.35	9.78
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/84	59	2.9	3.319	15.	1.2	3.71	1.926	1.9	2.4	3.6	4.9
00335	COD, .025N K2CR2O7 MG/L	01/13/71-11/20/84	33	18.	20.121	44.	8.	56.86	7.541	12.4	15.5	23.5	31.8
00400	PH (STANDARD UNITS)	01/20/65-10/17/84	40	7.6	7.705	8.7	7.2	0.118	0.344	7.31	7.425	7.9	8.19
00400	CONVERTED PH (STANDARD UNITS)	01/20/65-10/17/84	40	7.6	7.598	8.7	7.2	0.13	0.361	7.31	7.425	7.9	8.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/20/65-10/17/84	40	0.025	0.025	0.063	0.002	0.	0.016	0.006	0.013	0.038	0.049
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/84	50	7.5	7.52	8.2	6.7	0.094	0.307	7.1	7.3	7.725	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/84	50	7.5	7.406	8.2	6.7	0.108	0.328	7.1	7.3	7.725	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/84	50	0.032	0.039	0.2	0.006	0.001	0.034	0.013	0.019	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	36	159.	159.611	206.	126.	217.159	14.736	141.4	150.	171.	176.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/67-11/20/84	50	30.	38.08	220.	11.	1146.891	33.866	16.	20.75	42.	61.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-09/26/84	33	8.	10.606	54.	1.	94.746	9.734	3.	5.	13.	21.2
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/13/71-11/20/84	31	3.6	4.41	14.4	0.5	11.303	3.362	1.1	2.	6.5	9.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/13/71-11/20/84	32	0.4	0.42	1.4	0.05	0.06	0.246	0.13	0.3	0.5	0.6
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	31	0.7	0.687	1.6	0.2	0.08	0.284	0.32	0.4	0.8	1.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-11/20/84	10	0.85	0.8	1.2	0.3	0.071	0.267	0.32	0.575	1.	1.18
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-11/20/84	29	0.7	0.783	1.8	0.5	0.066	0.256	0.6	0.6	0.85	1.1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/13/72	30	0.7	0.79	2.	0.	0.189	0.434	0.3	0.575	1.	1.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-11/20/84	29	0.14	0.37	2.3	0.07	0.267	0.517	0.08	0.115	0.265	1.2
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/13/71-11/20/84	33	0.007	0.018	0.05	0.001	0.	0.02	0.001	0.005	0.044	0.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/84	36	261.5	263.194	316.	204.	729.247	27.005	222.8	242.5	286.	297.8
00929	SODIUM, TOTAL (MG/L AS NA)	01/13/71-09/26/84	19	25.	24.158	37.	12.	37.918	6.158	17.	21.	27.	36.
00937	POTASSIUM, TOTAL MG/L AS K)	01/13/71-09/26/84	19	4.	3.895	5.	3.	0.544	0.737	3.	3.	4.	5.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/84	61	27.	27.869	44.	12.	50.916	7.136	20.	22.	32.5	36.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/13/71-11/20/84	32	77.5	78.594	120.	30.	563.604	23.74	49.6	59.75	97.	110.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/13/71-09/26/84	19	0.4	0.479	0.9	0.2	0.034	0.184	0.3	0.4	0.6	0.8
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/13/71-11/02/77	14	10.	8.571	10.	5.	5.495	2.344	5.	5.	10.	10.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/21/78-11/20/84	12	2.	1.917	3.	1.	0.265	0.515	1.	2.	2.	2.7
01027	CADMIUM, TOTAL (UG/L AS CD)	04/13/71-11/20/84	26	5.	6.308	10.	1.	13.662	3.696	1.7	2.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/13/71-11/20/84	18	10.	8.889	10.	5.	4.575	2.139	5.	8.75	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/13/71-11/20/84	26	10.	18.077	80.	5.	402.154	20.054	5.	8.75	15.	49.
01042	COPPER, TOTAL (UG/L AS CU)	04/13/71-11/20/84	26	10.	14.154	40.	4.	83.255	9.124	4.	5.75	20.	23.
01045	IRON, TOTAL (UG/L AS FE)	01/13/71-11/20/84	20	900.	994.5	3000.	200.	319952.368	565.643	510.	620.	1200.	1480.
01051	LEAD, TOTAL (UG/L AS PB)	04/13/71-11/20/84	26	20.	21.538	50.	5.	155.538	12.472	8.5	10.	30.	43.
01055	MANGANESE, TOTAL (UG/L AS MN)	01/13/71-11/20/84	18	100.	105.	160.	70.	661.765	25.725	70.	87.5	115.	151.
01067	NICKEL, TOTAL (UG/L AS NI)	04/13/71-11/20/84	20	5.	6.016	20.	0.02	43.489	6.595	0.02	0.023	10.	19.
01092	ZINC, TOTAL (UG/L AS ZN)	04/13/71-11/20/84	20	40.	53.	180.	10.	2380.	48.785	10.	10.	87.5	129.
01503	ALPHA, DISSOLVED	02/20/73-11/21/84	10	0.65	1.137	6.	0.	3.305	1.818	0.002	0.043	1.25	5.6
01504	ALPHA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	15	0.8	1.18	4.	0.6	0.802	0.895	0.6	0.7	1.	2.8
01505	ALPHA, SUSPENDED	02/20/73-11/21/84	14	0.3	0.766	4.	0.02	1.428	1.195	0.06	0.1	0.625	3.5
01506	ALPHA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	15	0.5	0.847	4.	0.3	0.931	0.965	0.36	0.4	0.8	2.8
03503	BETA, DISSOLVED	02/20/73-11/21/84	15	6.	7.407	40.	0.5	86.266	9.288	0.56	4.	7.	20.8
03504	BETA, DISSOLVED, COUNTING ERROR	02/20/73-11/21/84	15	1.	1.535	7.	0.02	2.977	1.725	0.608	1.	1.	5.2
03505	BETA, SUSPENDED	05/02/73-11/21/84	15	1.	1.387	7.	0.1	2.9	1.703	0.16	0.4	2.	4.
03506	BETA, SUSPENDED, COUNTING ERROR	02/20/73-11/21/84	15	0.8	1.22	4.	0.7	1.287	1.135	0.7	0.7	1.	4.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-11/20/84	32	5450.	10204.688	42000.	650.	114296509.577	10690.955	1060.	1775.	16750.	28200.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-11/20/84	32	3.735	3.738	4.623	2.813	0.28	0.529	3.024	3.248	4.224	4.448
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5466.964								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	35	290.	2108.857	52000.	10.	76330057.479	8736.707	10.	100.	550.	3220.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-11/20/84	35	2.462	2.408	4.716	1.	0.662	0.813	1.	2.	2.74	3.507
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			255.777								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/13/71-09/26/84	21	1.	2.69	15.	1.	10.887	3.3	1.	1.	2.75	7.4
71900	MERCURY, TOTAL (UG/L AS HG)	05/17/71-11/20/84	26	0.1	0.202	1.4	0.05	0.08	0.282	0.05	0.1	0.2	0.53

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0185

NPS Station ID: INDU0185
LAT/LON: 41.619976/ -87.176837
Agency: 11COECHI
Date Created: 08/14/82
Location: BURNS WATERWAY RIVER MILE 0.5
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 6CHB30181
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04040001011
RF1 Mile Point: 0.460
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001001200.00
RF3 Mile Point: 0.01
Distance from RF3: 0.03
On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM BURNS WATERWAY AND ADJACENT LAKE MICHIGAN. SEDIMENT WAS COLLECTED WITH A PONAR GRAB SAMPLER.

Parameter Inventory for Station: INDU0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	07/08/81-07/08/81	1	8600.	8600.	8600.	8600.	0.	0.	**	**	**	**
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	07/08/81-07/08/81	1	23.4	23.4	23.4	23.4	0.	0.	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	07/08/81-07/08/81	1	16082.	16082.	16082.	16082.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	07/08/81-07/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	07/08/81-07/08/81	1	104.	104.	104.	104.	0.	0.	**	**	**	**
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	07/08/81-07/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	07/08/81-07/08/81	1	159.	159.	159.	159.	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/08/81-07/08/81	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/08/81-07/08/81	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/08/81-07/08/81	1	16.3	16.3	16.3	16.3	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/08/81-07/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0186

NPS Station ID: INDU0186 LAT/LON: 41.633476/ -87.177365 Agency: 11COECHI Date Created: 08/14/82
Location: LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 6CHB30581
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 4.00 On/Off RF1:
RF3 Index: 04040001000200.00 RF3 Mile Point: 0.07 Distance from RF3: 0.00 On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM BURNS WATERWAY AND ADJACENT LAKE MICHIGAN. SEDIMENT WAS COLLECTED WITH PONAR GRAB SAMPLER. THE ELEVATION OF THE SEDIMENT WATER INTER-

Parameter Inventory for Station: INDU0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	07/08/81-07/08/81	1	880.	880.	880.	880.	0.	0.	**	**	**	**
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	07/08/81-07/08/81	1	22.6	22.6	22.6	22.6	0.	0.	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	07/08/81-07/08/81	1	9458.	9458.	9458.	9458.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	07/08/81-07/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	07/08/81-07/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	07/08/81-07/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	07/08/81-07/08/81	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/08/81-07/08/81	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/08/81-07/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0187

NPS Station ID: INDU0187 LAT/LON: 41.633476/ -87.177365 Agency: 11COEHUN Date Created: 11/16/84
Location: LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 6CHB30581
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 4.00 On/Off RF1:
RF3 Index: 04040001000200.00 RF3 Mile Point: 0.07 Distance from RF3: 0.00 On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM BURNS WATERWAY AND ADJACENT LAKE MICHIGAN. SEDIMENT WAS COLLECTED WITH PONAR GRAB SAMPLER. THE ELEVATION OF THE SEDIMENT WATER INTER-

Parameter Inventory for Station: INDU0187

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0188

NPS Station ID: INDU0188 LAT/LON: 41.634309/ -87.177559 Agency: 11COEHUN Date Created: 11/16/84
Location: LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 6CHB30781
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 4.90 On/Off RF1:
RF3 Index: 04040001000200.00 RF3 Mile Point: 0.11 Distance from RF3: 0.02 On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM BURNS WATERWAY AND ADJACENT LAKE MICHIGAN. SEDIMENT WAS COLLECTED WITH PONAR GRAB SAMPLER. THE ELEVATION OF THE SEDIMENT WATER INTER-

Parameter Inventory for Station: INDU0188

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0189

NPS Station ID: INDU0189 LAT/LON: 41.634309/ -87.177559 Agency: 11COECHI Date Created: 08/14/82
Location: LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 6CHB30781
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 4.90 On/Off RF1:
RF3 Index: 04040001000200.00 RF3 Mile Point: 0.11 Distance from RF3: 0.02 On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM BURNS WATERWAY AND ADJACENT LAKE MICHIGAN. SEDIMENT WAS COLLECTED WITH PONAR GRAB SAMPLER. THE ELEVATION OF THE SEDIMENT WATER INTER-

Parameter Inventory for Station: INDU0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	07/08/81-07/08/81	1	4400.	4400.	4400.	4400.	0.	0.	**	**	**	**
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	07/08/81-07/08/81	1	26.3	26.3	26.3	26.3	0.	0.	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	07/08/81-07/08/81	1	17016.	17016.	17016.	17016.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	07/08/81-07/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	07/08/81-07/08/81	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	07/08/81-07/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	07/08/81-07/08/81	1	352.	352.	352.	352.	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	07/08/81-07/08/81	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	07/08/81-07/08/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	07/08/81-07/08/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/08/81-07/08/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	07/08/81-07/08/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	07/08/81-07/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	07/08/81-07/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0190

NPS Station ID: INDU0190
LAT/LON: 41.647226/ -87.177782
Agency: 21ILCHIW
Date Created: / /
Location: SOUTH SHORE LAKE SURVEY STATION
FIPS State/County: 17998 ILLINOIS/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): SSLS07 /CHW024
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 40
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: LAKE MICHIGAN WESTERN SHORE
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 4.30
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 7.65
Distance from RF3: 0.11
On/Off RF3:
Description:
STATION LOCATED ONE MILE OFF SHORE NORTH OF BURNS DITCH.

Parameter Inventory for Station: INDU0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/78-12/16/91	93	16.	15.065	26.	1.	41.887	6.472	5.	10.	21.	23.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/11/78-12/16/91	93	1.	1.56	9.3	0.3	2.324	1.524	0.5	0.7	1.85	2.82
00086	ODOR (THRESHOLD NUMBER AT 60 DEG C)	04/11/78-12/16/91	92	1.	1.196	3.	1.	0.203	0.451	1.	1.	1.	2.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-12/16/91	93	290.	295.	335.	265.	175.543	13.249	280.	285.	303.5	315.
00335	COD, .025N K2CR2O7 MG/L	04/11/78-12/16/91	93	4.8	5.328	16.	1.4	10.386	3.223	2.5	2.5	7.05	9.76
00400	PH (STANDARD UNITS)	04/11/78-11/01/89	81	8.4	8.453	8.7	8.2	0.012	0.107	8.3	8.4	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	04/11/78-11/01/89	81	8.4	8.44	8.7	8.2	0.012	0.108	8.3	8.4	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/11/78-11/01/89	81	0.004	0.004	0.006	0.002	0.	0.001	0.003	0.003	0.004	0.005
00403	PH, LAB, STANDARD UNITS SU	03/28/90-12/16/91	12	8.45	8.417	8.5	8.3	0.009	0.094	8.3	8.3	8.5	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	03/28/90-12/16/91	12	8.447	8.407	8.5	8.3	0.009	0.094	8.3	8.3	8.5	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/28/90-12/16/91	12	0.004	0.004	0.005	0.003	0.	0.001	0.003	0.003	0.005	0.005
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/78-12/16/91	93	3.	3.952	33.	0.	23.337	4.831	0.	1.	5.	8.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/11/78-09/27/88	74	0.16	0.157	0.28	0.06	0.001	0.037	0.12	0.14	0.18	0.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/78-12/16/91	93	0.01	0.015	0.06	0.005	0.	0.013	0.005	0.005	0.02	0.03
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/19/89-12/16/91	19	0.26	0.284	0.55	0.05	0.016	0.128	0.16	0.2	0.38	0.53
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/11/78-12/16/91	92	0.245	0.25	0.47	0.12	0.003	0.058	0.183	0.21	0.28	0.32
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/78-12/16/91	93	0.02	0.026	0.08	0.005	0.	0.018	0.005	0.01	0.04	0.05
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	04/11/78-12/16/91	93 ##	0.005	0.01	0.03	0.005	0.	0.007	0.005	0.005	0.01	0.02
00940	CHLORIDE,TOTAL IN WATER MG/L	04/11/78-12/16/91	93	10.	10.108	15.	8.	1.401	1.184	9.	9.	10.5	11.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/11/78-12/16/91	93	24.	23.613	33.	18.	5.022	2.241	21.	22.	25.	26.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/11/78-12/16/91	93	4.	41.763	800.	0.	11768.161	108.481	0.	0.	20.	148.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/11/78-12/16/91	93	0.602	0.809	2.903	0.	0.651	0.807	0.	0.	1.301	2.17
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			6.448								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	93	0.	5.032	74.	0.	177.966	13.34	0.	0.	2.	16.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	93	0.	0.279	1.869	0.	0.261	0.511	0.	0.	0.301	1.204
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.9								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/11/78-12/16/91	91	0.	0.769	16.	0.	7.091	2.663	0.	0.	0.	2.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/11/78-12/16/91	91	0.	0.082	1.204	0.	0.054	0.233	0.	0.	0.	0.301
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.209								
31753	TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	93	380.	2304.505	60000.	0.	54680616.166	7394.634	24.4	80.	1050.	4700.
31753	LOG TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	93	2.58	2.501	4.778	0.	0.804	0.897	1.387	1.903	3.021	3.656
31753	GM TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	GEOMETRIC MEAN =			316.73								
31856	FUNGI,7 DAY,NUMBER OF COLONIES PER ML	04/11/78-12/16/91	92	1.	1.097	8.	0.	2.548	1.596	0.	0.	1.75	3.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/11/78-12/16/91	91 ##	0.5	0.797	9.	0.5	1.355	1.164	0.5	0.5	0.5	1.
60050	ALGAE, TOTAL (CELLS/ML)	04/11/78-12/16/91	88	780.	1147.045	4980.	0.	1388338.297	1178.278	40.	180.	1867.5	3094.
80148	ACTINOMYCETES,TOTAL PLATE COUNT,26C,14DAY,TPC/ML	04/11/78-12/16/91	92	0.7	1.261	18.	0.	5.514	2.348	0.	0.	1.	3.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0190

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	93	0	0.00	18	0	0.00	2	0	0.00	47	0	0.00	26	0	0.00
00400	PH	Other-Hi Lim.	9.	81	0	0.00	15	0	0.00	2	0	0.00	40	0	0.00	24	0	0.00
		Other-Lo Lim.	6.5	81	0	0.00	15	0	0.00	2	0	0.00	40	0	0.00	24	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	12	0	0.00	3	0	0.00				7	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	12	0	0.00	3	0	0.00				7	0	0.00	2	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	92	0	0.00	18	0	0.00	2	0	0.00	46	0	0.00	26	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	93	0	0.00	18	0	0.00	2	0	0.00	47	0	0.00	26	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	93	0	0.00	18	0	0.00	2	0	0.00	47	0	0.00	26	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	93	0	0.00	18	0	0.00	2	0	0.00	47	0	0.00	26	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 9/16 to 1/15 - Station INDU0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/78-12/16/91	18	14.	12.944	21.	2.	32.408	5.693	2.	8.75	18.	20.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/11/78-12/16/91	18	1.55	1.856	5.4	0.5	1.614	1.271	0.68	0.95	2.425	4.23
00086	ODOR (THRESHOLD NUMBER AT 60 DEG C)	04/11/78-12/16/91	18	1.	1.278	3.	1.	0.448	0.669	1.	1.	1.	3.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-12/16/91	18	290.	291.444	319.	265.	164.614	12.83	268.6	285.	300.	306.4
00335	COD, .025N K2CR2O7 MG/L	04/11/78-12/16/91	18	5.45	5.783	16.	2.5	13.494	3.673	2.5	2.5	6.6	12.85
00400	PH (STANDARD UNITS)	04/11/78-11/01/89	15	8.4	8.393	8.5	8.2	0.009	0.096	8.26	8.3	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	04/11/78-11/01/89	15	8.4	8.383	8.5	8.2	0.009	0.097	8.26	8.3	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/11/78-11/01/89	15	0.004	0.004	0.006	0.003	0.	0.001	0.003	0.003	0.005	0.006
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/78-12/16/91	18	2.5	4.333	18.	0.	19.412	4.406	0.9	1.	6.25	10.8
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/11/78-09/27/88	13	0.16	0.151	0.2	0.08	0.001	0.038	0.088	0.12	0.185	0.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/78-12/16/91	18 ##	0.005	0.012	0.04	0.005	0.	0.011	0.005	0.005	0.02	0.031
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/11/78-12/16/91	18	0.23	0.239	0.32	0.2	0.001	0.037	0.2	0.208	0.27	0.302
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/78-12/16/91	18	0.02	0.024	0.06	0.01	0.	0.017	0.01	0.01	0.03	0.06
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	04/11/78-12/16/91	18	0.01	0.012	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.03
00940	CHLORIDE,TOTAL IN WATER MG/L	04/11/78-12/16/91	18	10.	9.667	11.	8.	0.824	0.907	8.	9.	10.	11.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/11/78-12/16/91	18	23.5	23.5	27.	20.	3.088	1.757	20.9	22.	25.	26.1
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/11/78-12/16/91	18	4.	21.111	180.	0.	1781.281	42.205	0.	2.	24.	61.2
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/11/78-12/16/91	18	0.602	0.828	2.255	0.	0.435	0.66	0.	0.301	1.365	1.739
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			6.725								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	18	0.	2.444	16.	0.	26.614	5.159	0.	0.	2.	16.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	18	0.	0.227	1.204	0.	0.168	0.409	0.	0.	0.301	1.204
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.687								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/11/78-12/16/91	18	0.	0.333	2.	0.	0.588	0.767	0.	0.	0.	2.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/11/78-12/16/91	18	0.	0.05	0.301	0.	0.013	0.115	0.	0.	0.	0.301
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.122								
31753	TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	18	350.	6712.056	60000.	35.	231600339.703	15218.421	43.1	49.	4400.	30300.
31753	LOG TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	18	2.535	2.726	4.778	1.544	1.117	1.057	1.634	1.69	3.576	4.466
31753	GM TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	GEOMETRIC MEAN =			532.11								
31856	FUNGI,7 DAY,NUMBER OF COLONIES PER ML	04/11/78-12/16/91	17	0.1	0.576	2.	0.	0.491	0.7	0.	0.	1.	2.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/11/78-12/16/91	17 ##	0.5	0.559	1.	0.5	0.028	0.166	0.5	0.5	0.5	1.
60050	ALGAE, TOTAL (CELLS/ML)	04/11/78-12/16/91	16	1020.	1393.75	3900.	20.	1549091.667	1244.625	90.	305.	2300.	3774.
80148	ACTINOMYCETES,TOTAL PLATE COUNT,26C,14DAY,TPC/ML	04/11/78-12/16/91	17	1.	1.035	4.	0.	1.557	1.248	0.	0.	1.5	3.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/78-12/16/91	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/11/78-12/16/91	2	4.8	4.8	6.9	2.7	8.82	2.97	**	**	**	**
00086	ODOR (THRESHOLD NUMBER AT 60 DEG C)	04/11/78-12/16/91	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-12/16/91	2	302.5	302.5	305.	300.	12.5	3.536	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/11/78-12/16/91	2	6.7	6.7	9.7	3.7	18.	4.243	**	**	**	**
00400	PH (STANDARD UNITS)	04/11/78-11/01/89	2	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/11/78-11/01/89	2	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/11/78-11/01/89	2	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/78-12/16/91	2	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/11/78-09/27/88	2	0.11	0.11	0.14	0.08	0.002	0.042	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/78-12/16/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/11/78-12/16/91	2	0.24	0.24	0.26	0.22	0.001	0.028	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/78-12/16/91	2	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	04/11/78-12/16/91	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/11/78-12/16/91	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/11/78-12/16/91	2	23.	23.	24.	22.	2.	1.414	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/11/78-12/16/91	2	10.	10.	20.	0.	200.	14.142	**	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/11/78-12/16/91	2	0.651	0.651	1.301	0.	0.846	0.92	**	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			4.472								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	2	0.151	0.151	0.301	0.	0.045	0.213	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.414								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/11/78-12/16/91	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/11/78-12/16/91	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								
31753	TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	2	216.5	216.5	380.	53.	53464.5	231.224	**	**	**	**
31753	LOG TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	2	2.152	2.152	2.58	1.724	0.366	0.605	**	**	**	**
31753	GM TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	GEOMETRIC MEAN =			141.915								
31856	FUNGI,7 DAY,NUMBER OF COLONIES PER ML	04/11/78-12/16/91	2	1.	1.	1.	1.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/11/78-12/16/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	04/11/78-12/16/91	2	785.	785.	810.	760.	1250.	35.355	**	**	**	**
80148	ACTINOMYCETES,TOTAL PLATE COUNT,26C,14DAY,TPC/ML	04/11/78-12/16/91	2	0.4	0.4	0.8	0.	0.32	0.566	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/78-12/16/91	47	13.	12.681	23.	1.	32.874	5.734	4.8	8.	17.	20.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/11/78-12/16/91	47	1.	1.696	9.3	0.4	2.962	1.721	0.6	0.8	2.	3.02
00086	ODOR (THRESHOLD NUMBER AT 60 DEG C)	04/11/78-12/16/91	46	1.	1.261	2.	1.	0.197	0.444	1.	1.	2.	2.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-12/16/91	47	299.	299.319	335.	275.	184.265	13.574	285.	290.	310.	316.
00335	COD, .025N K2CR2O7 MG/L	04/11/78-12/16/91	47	4.8	5.534	13.1	1.8	11.571	3.402	2.5	2.5	7.7	11.4
00400	PH (STANDARD UNITS)	04/11/78-11/01/89	40	8.45	8.455	8.6	8.3	0.009	0.093	8.3	8.4	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	04/11/78-11/01/89	40	8.447	8.445	8.6	8.3	0.009	0.094	8.3	8.4	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/11/78-11/01/89	40	0.004	0.004	0.005	0.003	0.	0.001	0.003	0.003	0.004	0.005
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/78-12/16/91	47	3.	4.596	33.	0.	31.072	5.574	1.	1.	5.	11.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/11/78-09/27/88	38	0.16	0.163	0.28	0.06	0.002	0.042	0.116	0.148	0.183	0.202
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/78-12/16/91	47	0.01	0.017	0.06	0.005	0.	0.014	0.005	0.005	0.02	0.04
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/11/78-12/16/91	46	0.27	0.275	0.47	0.18	0.004	0.063	0.2	0.228	0.31	0.343
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/78-12/16/91	47	0.02	0.027	0.07	0.005	0.	0.018	0.005	0.01	0.04	0.06
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	04/11/78-12/16/91	47 ##	0.005	0.009	0.03	0.005	0.	0.006	0.005	0.005	0.01	0.02
00940	CHLORIDE,TOTAL IN WATER MG/L	04/11/78-12/16/91	47	10.	10.468	15.	9.	1.994	1.412	9.	10.	11.	12.4
00945	SULFATE, TOTAL (MG/L AS SO4)	04/11/78-12/16/91	47	24.	24.128	33.	18.	6.549	2.559	21.8	23.	25.	26.2
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/11/78-12/16/91	47	4.	67.532	800.	0.	21032.907	145.027	0.	0.	60.	264.8
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/11/78-12/16/91	47	0.602	0.928	2.903	0.	0.895	0.946	0.	0.	1.778	2.422
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			8.468								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	47	0.	8.468	74.	0.	319.167	17.865	0.	0.	4.	44.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	47	0.	0.387	1.869	0.	0.397	0.63	0.	0.	0.602	1.643
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.437								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/11/78-12/16/91	46	0.	1.304	16.	0.	13.194	3.632	0.	0.	0.	3.2
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/11/78-12/16/91	46	0.	0.13	1.204	0.	0.095	0.308	0.	0.	0.	0.444
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.35								
31753	TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	47	440.	1591.489	18000.	0.	13267486.342	3642.456	15.6	90.	1100.	3700.
31753	LOG TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	47	2.643	2.468	4.255	0.	0.891	0.944	1.193	1.954	3.041	3.555
31753	GM TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	GEOMETRIC MEAN =			293.547								
31856	FUNGI,7 DAY,NUMBER OF COLONIES PER ML	04/11/78-12/16/91	47	1.	1.617	8.	0.	3.546	1.883	0.	0.	2.	4.2
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/11/78-12/16/91	46 ##	0.5	0.967	9.	0.5	2.46	1.568	0.5	0.5	0.625	1.3
60050	ALGAE, TOTAL (CELLS/ML)	04/11/78-12/16/91	44	1000.	1470.455	4980.	0.	1688716.068	1299.506	60.	480.	2315.	3650.
80148	ACTINOMYCETES,TOTAL PLATE COUNT,26C,14DAY,TPC/ML	04/11/78-12/16/91	47	1.	1.894	18.	0.	9.206	3.034	0.	0.	2.	5.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/78-12/16/91	26	22.	21.654	26.	18.	3.435	1.853	18.7	20.75	23.	23.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/11/78-12/16/91	26	0.75	0.862	2.	0.3	0.206	0.453	0.37	0.5	1.075	1.53
00086	ODOR (THRESHOLD NUMBER AT 60 DEG C)	04/11/78-12/16/91	26	1.	1.038	2.	1.	0.038	0.196	1.	1.	1.	1.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-12/16/91	26	287.5	289.077	320.	275.	109.354	10.457	277.1	283.	295.	304.2
00335	COD, .025N K2CR2O7 MG/L	04/11/78-12/16/91	26	3.15	4.535	8.9	1.4	5.998	2.449	2.5	2.5	6.35	8.62
00400	PH (STANDARD UNITS)	04/11/78-11/01/89	24	8.5	8.5	8.7	8.3	0.013	0.114	8.4	8.4	8.6	8.7
00400	CONVERTED PH (STANDARD UNITS)	04/11/78-11/01/89	24	8.5	8.486	8.7	8.3	0.013	0.115	8.4	8.4	8.6	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/11/78-11/01/89	24	0.003	0.003	0.005	0.002	0.	0.001	0.002	0.003	0.004	0.004
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/78-12/16/91	26	2.	2.635	16.	0.	12.151	3.486	0.	0.375	3.	7.6
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/11/78-09/27/88	21	0.16	0.155	0.22	0.12	0.001	0.022	0.12	0.14	0.16	0.178
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/78-12/16/91	26	0.01	0.014	0.05	0.005	0.	0.012	0.005	0.005	0.02	0.033
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/11/78-12/16/91	26	0.21	0.214	0.27	0.12	0.001	0.038	0.17	0.188	0.25	0.27
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/78-12/16/91	26	0.02	0.022	0.08	0.005	0.	0.017	0.005	0.01	0.03	0.05
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	04/11/78-12/16/91	26 ##	0.005	0.009	0.03	0.005	0.	0.006	0.005	0.005	0.01	0.02
00940	CHLORIDE,TOTAL IN WATER MG/L	04/11/78-12/16/91	26	10.	9.769	11.	9.	0.425	0.652	9.	9.	10.	11.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/11/78-12/16/91	26	23.	22.808	25.	19.	3.042	1.744	20.7	21.	24.	25.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/11/78-12/16/91	26	2.	11.923	142.	0.	824.794	28.719	0.	0.	10.5	27.4
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/11/78-12/16/91	26	0.301	0.595	2.152	0.	0.341	0.584	0.	0.	1.02	1.363
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			3.936								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	26	0.	0.923	6.	0.	3.594	1.896	0.	0.	0.5	4.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	26	0.	0.129	0.778	0.	0.067	0.259	0.	0.	0.075	0.655
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.347								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/11/78-12/16/91	25	0.	0.16	2.	0.	0.307	0.554	0.	0.	0.	0.8
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/11/78-12/16/91	25	0.	0.024	0.301	0.	0.007	0.083	0.	0.	0.	0.12
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.057								
31753	TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	26	395.	702.654	6000.	8.	1361920.635	1167.014	23.7	56.75	955.	1360.
31753	LOG TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	26	2.592	2.431	3.778	0.903	0.491	0.701	1.363	1.754	2.98	3.133
31753	GM TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	GEOMETRIC MEAN =			269.897								
31856	FUNGI,7 DAY,NUMBER OF COLONIES PER ML	04/11/78-12/16/91	26	0.	0.504	5.	0.	1.376	1.173	0.	0.	0.325	2.3
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/11/78-12/16/91	26 ##	0.5	0.673	3.	0.5	0.319	0.565	0.5	0.5	0.5	1.3
60050	ALGAE, TOTAL (CELLS/ML)	04/11/78-12/16/91	26	180.	475.769	2100.	0.	295161.385	543.288	21.	60.	720.	1412.
80148	ACTINOMYCETES,TOTAL PLATE COUNT,26C,14DAY,TPC/ML	04/11/78-12/16/91	26	0.	0.331	2.	0.	0.377	0.614	0.	0.	0.625	1.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0191

NPS Station ID: INDU0191
LAT/LON: 41.647226/ -87.177782
Agency: 21ILL
Date Created: 09/03/83
Location: SOUTH SHORE LAKE SURVEY STATION 7S
FIPS State/County: 17998 ILLINOIS/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 7S /SSLS7S /CHW024
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 0
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: LAKE MICHIGAN WESTERN SHORE
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 10.30
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 3.19
Distance from RF3: 0.56
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/81-09/19/89	4	20.5	17.5	21.	8.	40.333	6.351	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/11/81-09/19/89	4	1.45	1.45	2.	0.9	0.337	0.58	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/11/81-09/19/89	4	289.	286.75	301.	268.	188.917	13.745	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	08/11/81-09/19/89	4	11.5	23.75	70.	2.	972.25	31.181	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/11/81-09/19/89	4	8.25	8.225	8.3	8.1	0.009	0.096	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/11/81-09/19/89	4	8.247	8.217	8.3	8.1	0.009	0.096	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/81-09/19/89	4	0.006	0.006	0.008	0.005	0.	0.001	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/11/81-09/19/89	4 ##	0.5	0.5	1.	0.	0.167	0.408	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/11/81-09/19/89	4 ##	0.5	0.5	1.	0.	0.167	0.408	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/11/81-09/19/89	4	0.015	0.024	0.06	0.005	0.001	0.025	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/11/81-09/19/89	4	0.25	0.278	0.6	0.01	0.061	0.246	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/11/81-09/19/89	4	0.2	0.181	0.32	0.005	0.017	0.13	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/11/81-09/19/89	4	0.009	0.019	0.05	0.007	0.	0.021	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/11/81-09/19/89	4	0.005	0.004	0.006	0.	0.	0.003	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/19/89-09/19/89	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/19/89-09/19/89	2	137.5	137.5	143.	132.	60.5	7.778	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/19/89-09/19/89	2	36.	36.	38.	34.	8.	2.828	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	04/19/89-09/19/89	2	36.	36.	38.	34.	8.	2.828	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/19/89-09/19/89	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/19/89-09/19/89	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	04/19/89-09/19/89	2	6.2	6.2	6.5	5.9	0.18	0.424	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/19/89-09/19/89	2	6.2	6.2	6.6	5.8	0.32	0.566	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/19/89-09/19/89	2 ##	0.42	0.42	0.69	0.15	0.146	0.382	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	04/19/89-09/19/89	2 ##	0.225	0.225	0.3	0.15	0.011	0.106	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/81-09/19/89	4	10.5	10.25	11.	9.	0.917	0.957	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/81-09/19/89	4	25.	25.75	29.	24.	4.917	2.217	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	04/19/89-09/19/89	2	0.145	0.145	0.19	0.1	0.004	0.064	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/19/89-09/19/89	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/19/89-09/19/89	2	21.	21.	21.	21.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/19/89-09/19/89	2	21.5	21.5	22.	21.	0.5	0.707	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	04/19/89-09/19/89	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/19/89-09/19/89	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/19/89-09/19/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	04/19/89-09/19/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/19/89-09/19/89	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/89-09/19/89	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01035	COBALT, DISSOLVED (UG/L AS CO)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/19/89-09/19/89	2	6.	6.	6.	6.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/19/89-09/19/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/19/89-09/19/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	04/19/89-09/19/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/19/89-09/19/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	04/19/89-09/19/89	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/19/89-09/19/89	2 ##	2.	2.	2.5	1.5	0.5	0.707	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/19/89-09/19/89	2	125.5	125.5	133.	118.	112.5	10.607	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	04/19/89-09/19/89	2	125.5	125.5	133.	118.	112.5	10.607	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/19/89-09/19/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/19/89-09/19/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/19/89-09/19/89	2	217.5	217.5	378.	57.	51520.5	226.981	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/19/89-09/19/89	2 ##	182.5	182.5	340.	25.	49612.5	222.739	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/11/81-09/19/89	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/11/81-09/19/89	3 ##	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/19/89-09/19/89	2	3.56	3.56	5.12	2.	4.867	2.206	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/19/89-09/19/89	2	3.66	3.66	5.37	1.95	5.848	2.418	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/19/89-09/19/89	2	0.465	0.465	0.72	0.21	0.13	0.361	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/19/89-09/19/89	2	0.92	0.92	1.33	0.51	0.336	0.58	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/19/89-09/19/89	2	0.	0.	0.	0.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/19/89-09/19/89	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34716	DICHLOROBENZENE (ISOMERS) M/P IN WATER UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.002	0.002	0.003	0.001	0.	0.001	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.002	0.002	0.003	0.001	0.	0.001	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/19/89-09/19/89	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
78113	ETHYL BENZENE WHOLE WATER SAMPLE UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0191

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00				1	0	0.00	2	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	4	0	0.00	1	0	0.00				1	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00				1	0	0.00	2	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00				1	0	0.00	2	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	2	0	0.00	1	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00				1	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	4	0	0.00	1	0	0.00				1	0	0.00	2	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00				1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	1	0	0.00				1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00	1	0	0.00				1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00	1	0	0.00				1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	0 &	0	0.00												
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0191

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00	1	0	0.00				1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00	1	0	0.00				1	0	0.00			
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1.	2	0	0.00	1	0	0.00				1	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	2	0	0.00	1	0	0.00				1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	2	0	0.00	1	0	0.00				1	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00	1	0	0.00				1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	2	0	0.00	1	0	0.00				1	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	0.2	2	0	0.00	1	0	0.00				1	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	2	0	0.00	1	0	0.00				1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	2	0	0.00	1	0	0.00				1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	0.2	2	0	0.00	1	0	0.00				1	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	2	0	0.00	1	0	0.00				1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	2	0	0.00	1	0	0.00				1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	2	0	0.00	1	0	0.00				1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0192

NPS Station ID: INDU0192 | LAT/LON: 41.633337/ -87.177782 | Agency: 11COEHUN | Date Created: 11/10/84
Location: LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA | FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 6CBW30181
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 04060200 | Depth of Water: 0 | Aquifer:
Major Basin: LAKE MICHIGAN | Elevation: 0 | Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX | ECO Region:
RF1 Index: 04060200 | RF1 Mile Point: 0.000 | Distance from RF1: 8.90 | On/Off RF1:
RF3 Index: 04040001020200.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.18 | On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE THE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM THE CHICAGO BURNS WTWY IN ILLINOIS. SEDIMENT WAS COLLECTED WITH A SPLIT SPOON SAMPLER FROM SEVERAL DEPTHS AT EACH SITE. SAMPLES REPRESENT

Parameter Inventory for Station: INDU0192

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0193

NPS Station ID: INDU0193
LAT/LON: 41.638892/ -87.177782
Agency: 1115GLSB
Date Created: 09/22/77
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): IND 34
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 39
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 9.60
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 9.57
Distance from RF3: 0.55
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0193

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/77-09/24/77	8	17.75	17.5	20.	13.5	4.429	2.104	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/11/77-09/24/77	8	1.55	1.55	1.9	1.2	0.051	0.227	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/11/77-09/24/77	3	3.	2.833	3.	2.5	0.083	0.289	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/77-09/24/77	8	283.5	282.5	285.	278.	8.857	2.976	**	**	**	**
00400	PH (STANDARD UNITS)	06/11/77-09/24/77	8	8.2	8.26	8.46	8.	0.025	0.157	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/11/77-09/24/77	8	8.2	8.235	8.46	8.	0.025	0.159	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/77-09/24/77	8	0.006	0.006	0.01	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/77-09/24/77	8	110.	110.125	112.	108.	1.554	1.246	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/77-09/24/77	8	0.021	0.021	0.037	0.001	0.	0.013	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/77-09/24/77	8	0.22	0.248	0.37	0.18	0.004	0.065	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/77-09/24/77	8	0.2	0.2	0.23	0.17	0.001	0.023	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/77-09/24/77	8	0.009	0.01	0.024	0.005	0.	0.006	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/11/77-09/24/77	8 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/77-09/24/77	8 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/77-09/24/77	8	9.	9.125	10.	9.	0.125	0.354	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/77-09/24/77	6	22.5	22.833	25.	22.	1.367	1.169	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/77-09/24/77	8	0.3	0.6	1.4	0.2	0.211	0.46	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	5	94.	329.9	1300.	0.5	304297.8	551.632	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	5	1.973	1.577	3.114	-0.301	1.873	1.368	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			37.722								
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	5	220.	353.6	930.	48.	118734.8	344.579	**	**	**	**
31749	LOG PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	5	2.342	2.368	2.968	1.681	0.224	0.473	**	**	**	**
31749	GM PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	GEOMETRIC MEAN =			233.183								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/11/77-09/24/77	8	2.2	2.65	7.1	0.9	3.557	1.886	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/11/77-09/24/77	8	2.95	3.675	7.5	2.	3.439	1.855	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0193

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
00400	PH	Other-Hi Lim.	9.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0193

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00	3	0	0.00							3	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	2	0.40	2	1	0.50				1	0	0.00	2	1	0.50

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0194

NPS Station ID: INDU0194
LAT/LON: 41.647226/ -87.177782
Agency: 21ILSED
Date Created: 09/03/83
Location: SOUTH SHORE LAKE SURVEY STATION 7S
FIPS State/County: 17998 ILLINOIS/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 7S /SSLS7S /CHW024
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 0
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: LAKE MICHIGAN WESTERN SHORE
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 14.00
On/Off RF1:
RF3 Index: 04040001000400.00
RF3 Mile Point: 4.27
Distance from RF3: 0.93
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	08/28/79-09/03/80	3	9200.	14133.333	27000.	6200.	126413333.333	11243.368	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	08/28/79-09/03/80	3	160.	208.333	305.	160.	7008.333	83.716	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	08/28/79-09/03/80	3	180.	186.333	239.	140.	2480.333	49.803	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	08/28/79-09/03/80	3	6.1	6.067	6.2	5.9	0.023	0.153	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/28/79-09/03/80	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	08/28/79-09/03/80	3	6.	7.	10.	5.	7.	2.646	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	08/28/79-09/03/80	3	5.	10.	21.	4.	91.	9.539	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	08/28/79-09/03/80	3	20.	23.333	30.	20.	33.333	5.774	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	08/28/79-09/03/80	3	230.	306.667	470.	220.	20033.333	141.539	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	08/28/79-09/03/80	3	94.	106.	130.	94.	432.	20.785	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	08/28/79-09/03/80	3	11000.	12400.	16200.	10000.	11080000.	3328.663	**	**	**	**
39064	CHLORDANE-CIS ISOMER BOTTOM DEPOS (UG/KG DRY SOL	09/03/80-09/03/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39067	CHLORDANE-TRANS ISOMER,BOTTOM DEPOS(UG/KG DRY SL	09/03/80-09/03/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39070	CHLORDANE-NONACHLOR,CIS ISO BOTTOM DEPOS UG/KG	09/03/80-09/03/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39073	CHLORDANE-NONACHLOR,TRANS ISO,BOTTOM DEP UG/KG	09/03/80-09/03/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/03/80-09/03/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/03/80-09/03/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39306	O,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/03/80-09/03/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/03/80-09/03/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39316	O,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/03/80-09/03/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/03/80-09/03/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39328	O,P'DDE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	09/03/80-09/03/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/28/79-09/03/80	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/03/80-09/03/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	08/28/79-09/03/80	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	08/28/79-09/03/80	3 ##	2.5	3.333	5.	2.5	2.083	1.443	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	08/28/79-09/03/80	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	08/28/79-09/03/80	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	08/28/79-09/03/80	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	08/28/79-09/03/80	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	08/28/79-09/03/80	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/28/79-09/03/80	3 ##	5.	7.667	13.	5.	21.333	4.619	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	09/03/80-09/03/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	08/28/79-09/03/80	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70322	SOLIDS, VOLATILE, PERCENT OF TOTAL SOLIDS	08/28/79-09/03/80	3	0.6	0.8	1.3	0.5	0.19	0.436	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	08/28/79-09/03/80	3	0.009	0.012	0.02	0.008	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0195

NPS Station ID: INDU0195 LAT/LON: 41.633337/ -87.177782 Agency: 11COECHI Date Created: 08/14/82
Location: LAKE MICHIGAN AT MOUTH OF BURNS WTWY, INDIANA FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 6CBW30181
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 04040001025700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE THE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM THE CHICAGO BURNS WTWY IN ILLINOIS. SEDIMENT WAS COLLECTED WITH A SPLIT SPOON SAMPLER FROM SEVERAL DEPTHS AT EACH SITE. SAMPLES REPRESENT

Parameter Inventory for Station: INDU0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	09/24/81-09/24/81	3	1170.	1173.	1390.	959.	46447.	215.516	**	**	**	**
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/24/81-09/24/81	3	17.	15.4	17.2	12.	8.68	2.946	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	09/24/81-09/24/81	3	4150.	14000.	36700.	1150.	388717500.	19715.92	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/24/81-09/24/81	3	140.	153.333	200.	120.	1733.333	41.633	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/24/81-09/24/81	3 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	09/24/81-09/24/81	3 ##	12.5	29.	62.	12.5	816.75	28.579	**	**	**	**
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	09/24/81-09/24/81	3 ##	12.5	38.	89.	12.5	1950.75	44.167	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/24/81-09/24/81	3	10.	18.333	39.	6.	324.333	18.009	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	09/24/81-09/24/81	3 ##	0.05	0.133	0.3	0.05	0.021	0.144	**	**	**	**
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/24/81-09/24/81	3	6200.	5300.	6400.	3300.	3010000.	1734.935	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/24/81-09/24/81	3	2900.	2533.333	3200.	1500.	823333.333	907.377	**	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	09/24/81-09/24/81	3	50.	50.	50.	50.	0.	0.	**	**	**	**
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/24/81-09/24/81	3	50.	50.	50.	50.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/24/81-09/24/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/24/81-09/24/81	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/24/81-09/24/81	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/81-09/24/81	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/81-09/24/81	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/24/81-09/24/81	3 ##	2.5	4.667	9.	2.5	14.083	3.753	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/24/81-09/24/81	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/24/81-09/24/81	3	65.	57.	73.	33.	448.	21.166	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/24/81-09/24/81	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/24/81-09/24/81	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/24/81-09/24/81	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/24/81-09/24/81	3	849.	815.	1050.	546.	64371.	253.714	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/24/81-09/24/81	3	7.	7.333	8.	7.	0.333	0.577	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/24/81-09/24/81	3	2540.	2256.667	2790.	1440.	515833.333	718.215	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34678	2,3,7,8-TETRACHLORODIBENZO-P-DIOXINDRY WGTBOTUG/KG	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/24/81-09/24/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/24/81-09/24/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/24/81-09/24/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/24/81-09/24/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/24/81-09/24/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/24/81-09/24/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/24/81-09/24/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/24/81-09/24/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/24/81-09/24/81	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0196

NPS Station ID: INDU0196
LAT/LON: 41.643059/ -87.179170
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM020
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 39
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 17.30
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 12.08
Distance from RF3: 1.28
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/63-09/19/63	12	20.	19.75	21.	19.	0.568	0.754	19.	19.	20.	21.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/23/63-08/28/63	6	2.2	2.067	2.6	1.5	0.215	0.463	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/63-09/19/63	12	268.	261.583	273.	240.	156.811	12.522	241.5	246.25	270.	272.7
00300	OXYGEN, DISSOLVED MG/L	08/23/63-09/19/63	12	8.85	8.55	10.3	6.9	1.177	1.085	6.96	7.45	9.	10.21
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/63-09/19/63	12	95.55	93.083	114.5	73.7	157.151	12.536	75.11	80.4	99.6	113.
00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/63-09/19/63	5	1.2	1.1	1.7	0.5	0.195	0.442	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/63-09/19/63	12	8.2	8.292	8.6	8.1	0.035	0.188	8.1	8.125	8.475	8.6
00400	CONVERTED PH (STANDARD UNITS)	08/23/63-09/19/63	12	8.2	8.258	8.6	8.1	0.037	0.191	8.1	8.125	8.475	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/63-09/19/63	12	0.006	0.006	0.008	0.003	0.	0.002	0.003	0.003	0.008	0.008
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/19/63	12	105.	105.083	115.	99.	22.629	4.757	99.	100.25	107.	113.5
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/63-09/19/63	7	175.	177.857	195.	170.	82.143	9.063	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-09/19/63	7	0.07	0.081	0.16	0.05	0.001	0.036	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-09/19/63	7	0.14	0.117	0.2	0.04	0.005	0.072	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/63-09/19/63	7	0.02	0.033	0.06	0.01	0.	0.021	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/19/63	10	6.	5.7	6.	5.	0.233	0.483	5.	5.	6.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/63-09/19/63	10	21.	21.	23.	19.	1.778	1.333	19.	19.75	22.	22.9
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-09/19/63	5	0.	0.26	1.	0.	0.188	0.434	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0196

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	12	0	0.00	2	0	0.00							10	0	0.00
00400	PH	Other-Hi Lim.	9.	12	0	0.00	2	0	0.00							10	0	0.00
		Other-Lo Lim.	6.5	12	0	0.00	2	0	0.00							10	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	1	0	0.00							6	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	2	0	0.00							8	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	10	0	0.00	2	0	0.00							8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0197

NPS Station ID: INDU0197
LAT/LON: 41.633337/ -87.180003
Agency: 21ILL
Date Created: / /
Location: W. SIDE OF OGDEN DUNES,IND.BEACH
FIPS State/County: 17998 ILLINOIS/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 48306 /QX 83
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 20
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: LAKE MICHIGAN
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 4.70
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 40.31
Distance from RF3: 0.12
On/Off RF3:
Description:
STATION LOCATION IS ON LAKE MICHIGAN, ON THE WEST SIDE OF ODGEN DUNES, AT INDIANA BEACH. STATION LOCATION IS ON LAKE MICHIGAN, ON THE WEST SIDE OF ODGEN DUNES, THIS STATION IS SAMPLED BY THE ILLINOIS E.P.A. ON A MONTHLY BASIS.

Parameter Inventory for Station: INDU0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	67	18.9	18.566	25.	10.	14.85	3.854	12.68	16.1	21.1	23.42
03501	BETA, TOTAL	09/04/68-09/11/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	71	500.	7267.746	270000.	0.	1152001729.135	33941.151	10.	80.	1900.	7660.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	71	2.699	2.574	5.431	0.	1.362	1.167	1.	1.903	3.279	3.883
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			375.329								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	51	20.	218.765	5300.	1.	627312.744	792.031	2.2	7.	97.	306.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	51	1.301	1.406	3.724	0.	0.71	0.843	0.336	0.845	1.987	2.486
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25.481								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	20	8.5	14.2	56.	0.	272.695	16.513	0.1	1.5	20.75	47.2
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	20	0.923	0.829	1.748	0.	0.364	0.603	0.	0.119	1.317	1.673
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.741								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81211	FLUORIDE- STATE OF ILLINOIS (MG/L)	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD DIGEST.	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81219	IRON,TOTAL-STATE OF ILLINOIS,MG/L,COLD DIGEST	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81220	LEAD, STATE OF ILLINOIS,MG/L, COLD DIGEST.	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0197

				Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	71	27	0.38	1	0	0.00				34	15	0.44	36	12	0.33
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	51	8	0.16							25	4	0.16	26	4	0.15
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	0	0.00	1	0	0.00				9	0	0.00	10	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1967 - Station INDU0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	18	18.9	18.061	22.2	11.1	11.265	3.356	12.09	15.825	20.725	21.75
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	22	1350.	20319.091	270000.	70.	3558517418.182	59653.31	180.	417.5	5375.	78800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	22	3.115	3.291	5.431	1.845	0.799	0.894	2.255	2.619	3.73	4.868
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1952.114								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station INDU0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	15	17.8	17.3	23.9	11.1	17.647	4.201	11.1	13.9	20.	23.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	16	170.	2472.5	18000.	0.	23283953.333	4825.345	0.	5.	2875.	10930.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	16	2.224	2.096	4.255	0.	2.253	1.501	0.	0.325	3.457	4.005
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			124.733								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station INDU0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	13	18.9	18.069	22.8	10.	17.889	4.23	11.12	13.85	21.65	22.56
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	13	500.	1649.231	10000.	0.	7222841.026	2687.534	80.	420.	1750.	7440.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	13	2.699	2.734	4.	0.	0.884	0.94	0.92	2.623	3.243	3.823
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			542.079								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station INDU0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	5	22.8	22.12	25.	18.9	6.697	2.588	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	5	570.	886.	1900.	80.	815680.	903.15	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	5	2.756	2.619	3.279	1.903	0.471	0.686	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			416.118								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station INDU0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	16	19.7	19.613	23.9	10.	12.505	3.536	13.92	18.575	22.375	23.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	15	70.	237.333	1000.	0.	93392.381	305.602	6.	20.	380.	880.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	15	1.845	1.881	3.	0.	0.697	0.835	0.6	1.301	2.58	2.942
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			76.063								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0198

NPS Station ID: INDU0198
LAT/LON: 41.633337/ -87.180003
Agency: 21ILL
Date Created: / /
Location: E. SIDE OF OGDEN DUNES,IND.BEACH
FIPS State/County: 17998 ILLINOIS/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 48305 /QX 82
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 20
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: LAKE MICHIGAN
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 3.70
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 9.31
Distance from RF3: 0.10
On/Off RF3:
Description:
STATION LOCATION IS ON LAKE MICHIGAN. LOCATION IS AT THE EAST SIDES OF ODGEN DUNES AT THE INDIANA BEACH.
STATION LOCATION IS ON LAKE MICHIGAN. LOCATION IS AT THE EAST SIDES OF THIS STATION IS SAMPLED BY THE ILLINOIS E.P.A. ON A MONTHLY BASIS.

Parameter Inventory for Station: INDU0198

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	67	18.9	18.59	25.	10.	14.696	3.834	12.68	16.1	21.1	23.42
03501	BETA, TOTAL	09/04/68-09/11/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	71	590.	8739.718	190000.	0.	847221768.491	29107.074	22.	150.	3100.	13720.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	71	2.771	2.774	5.279	0.	1.166	1.08	1.336	2.176	3.491	4.129
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			593.813								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	51	43.	273.667	6400.	1.	841500.707	917.333	2.2	10.	200.	686.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	51	1.633	1.596	3.806	0.	0.762	0.873	0.336	1.	2.301	2.827
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			39.476								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	20	8.	13.35	100.	0.	471.608	21.717	1.	3.25	13.25	26.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	20	0.903	0.829	2.	0.	0.265	0.515	0.	0.508	1.12	1.43
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.747								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81211	FLUORIDE- STATE OF ILLINOIS (MG/L)	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD DIGEST.	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81219	IRON,TOTAL-STATE OF ILLINOIS,MG/L,COLD DIGEST	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81220	LEAD, STATE OF ILLINOIS,MG/L, COLD DIGEST.	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0198

				Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	71	30	0.42	1	0	0.00				33	17	0.52	37	13	0.35
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	51	13	0.25							24	6	0.25	27	7	0.26
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	0	0.00	1	0	0.00				9	0	0.00	10	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1967 - Station INDU0198

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	18	18.9	18.094	22.2	11.1	11.664	3.415	12.09	15.825	20.875	22.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	22	2550.	21218.182	190000.	110.	2329783672.727	48267.833	300.	575.	10475.	112300.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	22	3.402	3.475	5.279	2.041	0.772	0.879	2.472	2.758	4.009	5.035
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2982.357								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station INDU0198

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	15	17.8	17.3	23.9	11.1	16.249	4.031	11.1	15.	20.	23.24
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	16	495.	4782.5	56000.	0.	190885366.667	13816.127	0.	65.	2275.	21770.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	16	2.686	2.48	4.748	0.	1.738	1.318	0.	1.785	3.357	4.12
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			301.776								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station INDU0198

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	13	18.9	18.069	22.8	10.	17.889	4.23	11.12	13.85	21.65	22.56
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	13	300.	4857.692	51000.	70.	193918719.231	13925.47	98.	165.	2850.	32160.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	13	2.477	2.794	4.708	1.845	0.644	0.803	1.966	2.216	3.453	4.261
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			622.388								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station INDU0198

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	5	23.9	22.34	25.	18.9	7.313	2.704	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	5	1500.	1336.	3200.	10.	1565630.	1251.251	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	5	3.176	2.691	3.505	1.	1.009	1.004	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			490.583								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station INDU0198

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	16	20.	19.606	24.4	10.	12.034	3.469	14.27	18.575	21.1	24.05
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	15	90.	491.333	4300.	10.	1196855.238	1094.009	10.	30.	400.	2380.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	15	1.954	2.069	3.633	1.	0.566	0.752	1.	1.477	2.602	3.278
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			117.264								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0199

NPS Station ID: INDU0199
LAT/LON: 41.644448/ -87.180559
Agency: 1115GLSB
Date Created: 09/22/77
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): IND 35
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 52
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 8.00
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 0.12
Distance from RF3: 0.31
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0199

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/77-09/24/77	8	17.	17.125	20.5	13.5	5.339	2.311	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/11/77-09/24/77	8	1.5	1.488	2.	1.	0.09	0.3	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/11/77-09/24/77	3	3.	2.833	3.	2.5	0.083	0.289	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/77-09/24/77	8	284.	285.	292.	279.	20.571	4.536	**	**	**	**
00400	PH (STANDARD UNITS)	06/11/77-09/24/77	8	8.23	8.259	8.46	8.	0.022	0.149	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/11/77-09/24/77	8	8.229	8.236	8.46	8.	0.023	0.151	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/77-09/24/77	8	0.006	0.006	0.01	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/77-09/24/77	8	111.	110.875	112.	108.	1.839	1.356	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/77-09/24/77	8	0.017	0.021	0.028	0.016	0.	0.005	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/77-09/24/77	8	0.255	0.26	0.31	0.21	0.001	0.031	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/77-09/24/77	8	0.2	0.204	0.23	0.19	0.	0.013	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/77-09/24/77	8	0.008	0.008	0.01	0.007	0.	0.002	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/11/77-09/24/77	8 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/77-09/24/77	8 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/77-09/24/77	8	9.	9.25	10.	9.	0.214	0.463	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/77-09/24/77	6	23.	23.333	25.	22.	1.867	1.366	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/77-09/24/77	8	0.6	0.65	1.4	0.2	0.166	0.407	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	5	62.	61.5	110.	0.5	2439.5	49.391	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	5	1.792	1.394	2.041	-0.301	0.968	0.984	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			24.798								
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	5	410.	1155.6	4500.	58.	3548126.8	1883.647	**	**	**	**
31749	LOG PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	5	2.613	2.609	3.653	1.763	0.503	0.709	**	**	**	**
31749	GM PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	GEOMETRIC MEAN =			406.716								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/11/77-09/24/77	8	3.15	3.663	6.9	1.6	4.06	2.015	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/11/77-09/24/77	8	2.2	2.275	4.4	1.1	1.336	1.156	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0199

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
00400	PH	Other-Hi Lim.	9.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0199

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00	3	0	0.00							3	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00	2	0	0.00				1	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0200

NPS Station ID: INDU0200
LAT/LON: 41.654170/ -87.181115
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM029
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 45
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 8.50
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 4.87
Distance from RF3: 0.29
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/63-09/19/63	15	20.	19.733	21.	19.	0.495	0.704	19.	19.	20.	21.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/23/63-08/28/63	6	1.9	1.767	2.3	1.2	0.219	0.468	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/63-09/19/63	15	268.	259.6	275.	240.	175.543	13.249	243.	245.	270.	273.2
00300	OXYGEN, DISSOLVED MG/L	08/23/63-09/19/63	15	8.7	8.68	9.9	7.2	0.297	0.545	7.92	8.5	8.9	9.36
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/63-09/19/63	15	94.8	94.42	110.1	77.7	43.95	6.63	85.38	91.	96.5	103.74
00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/63-09/19/63	5	0.9	0.82	1.3	0.2	0.167	0.409	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/63-09/19/63	15	8.3	8.28	8.5	8.1	0.025	0.157	8.1	8.1	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	08/23/63-09/19/63	15	8.3	8.255	8.5	8.1	0.025	0.159	8.1	8.1	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/63-09/19/63	15	0.005	0.006	0.008	0.003	0.	0.002	0.003	0.003	0.008	0.008
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/19/63	15	104.	104.4	115.	95.	31.543	5.616	95.	102.	107.	113.2
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/63-09/19/63	11	174.	174.273	186.	165.	39.218	6.262	166.	170.	177.	185.6
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	10/22/63-12/08/63	5	1.9	2.22	4.	0.5	2.347	1.532	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-12/08/63	19	0.08	0.113	0.4	0.02	0.01	0.099	0.02	0.05	0.2	0.25
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-11/24/63	13	0.05	0.074	0.18	0.03	0.003	0.055	0.034	0.04	0.105	0.18
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/63-09/19/63	11	0.02	0.045	0.11	0.01	0.002	0.041	0.01	0.01	0.08	0.11
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/19/63	11	7.	6.818	8.	5.	0.964	0.982	5.2	6.	8.	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/63-09/19/63	11	19.	18.909	21.	18.	1.291	1.136	18.	18.	19.	21.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-12/08/63	14	0.25	0.95	4.	0.	1.71	1.308	0.	0.	2.	3.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0200

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	15	0	0.00	3	0	0.00							12	0	0.00
00400	PH	Other-Hi Lim.	9.	15	0	0.00	3	0	0.00							12	0	0.00
		Other-Lo Lim.	6.5	15	0	0.00	3	0	0.00							12	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	13	0	0.00	4	0	0.00							9	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	3	0	0.00							8	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	11	0	0.00	3	0	0.00							8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0201

NPS Station ID: INDU0201
LAT/LON: 41.638615/ -87.185004
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-54
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359054 /54-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 53
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 11.10
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 16.58
Distance from RF3: 0.77
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-07/22/81	51	14.	14.696	22.5	4.5	34.981	5.914	4.6	12.	20.5	22.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/09/80-07/22/81	5	84.	117.6	240.	60.	5428.8	73.68	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/09/80-07/22/81	51	260.	222.157	270.	140.	2881.255	53.677	140.	180.	260.	270.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-07/22/81	51	295.	297.647	320.	280.	119.353	10.925	280.	295.	305.	314.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/80-07/22/81	51	9.5	9.724	12.4	8.	1.915	1.384	8.1	8.7	10.	12.3
00400	PH (STANDARD UNITS)	04/09/80-07/22/81	51	8.3	8.332	8.6	8.	0.017	0.129	8.2	8.2	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	04/09/80-07/22/81	51	8.3	8.313	8.6	8.	0.017	0.13	8.2	8.2	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/80-07/22/81	51	0.005	0.005	0.01	0.003	0.	0.002	0.003	0.004	0.006	0.006
00600	NITROGEN, TOTAL (MG/L AS N)	06/25/80-06/25/80	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-07/22/81	11	0.03	0.029	0.05	0.005	0.	0.015	0.006	0.016	0.038	0.05
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-07/22/81	11	0.45	0.457	0.625	0.21	0.014	0.12	0.245	0.4	0.58	0.623
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-07/22/81	11	0.24	1.142	10.	0.17	8.636	2.939	0.176	0.21	0.36	8.074
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-07/22/81	11	0.011	0.011	0.021	0.005	0.	0.005	0.005	0.005	0.013	0.02
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/25/80-07/22/81	9 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-07/22/81	11	10.	10.727	12.	10.	0.818	0.905	10.	10.	12.	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/09/80-07/22/81	11	22.	23.364	27.	22.	3.855	1.963	22.	22.	24.	27.
00956	SILICA, TOTAL (MG/L AS SI02)	04/09/80-07/22/81	11	0.3	0.427	1.	0.1	0.092	0.304	0.12	0.2	0.5	1.
01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/80-07/22/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/22/80-07/22/81	6	27.	25.833	33.	17.	43.767	6.616	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/22/80-07/22/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/22/80-07/22/81	6	2.	2.	4.	1.	1.2	1.095	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/22/80-07/22/81	6	2.	2.417	6.	0.5	3.842	1.96	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/22/80-07/22/81	6	72.5	75.333	120.	27.	1540.667	39.251	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/22/80-07/22/81	6 ##	0.75	1.417	3.	0.5	1.542	1.242	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/22/80-07/22/81	6 ##	0.05	0.2	0.5	0.05	0.054	0.232	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/80-07/22/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/25/80-07/22/81	9 ##	1.	4.889	21.	1.	51.611	7.184	1.	1.	8.	21.
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/25/80-06/25/80	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/22/80-07/22/81	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0201

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	51	0	0.00							30	0	0.00	21	0	0.00
00400	PH	Other-Hi Lim.	9.	51	0	0.00							30	0	0.00	21	0	0.00
		Other-Lo Lim.	6.5	51	0	0.00							30	0	0.00	21	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	1	0.09							7	1	0.14	4	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	9	0	0.00							5	0	0.00	4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00							7	0	0.00	4	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	11	0	0.00							7	0	0.00	4	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00							2	0	0.00	4	0	0.00
		Drinking Water	50.	6	0	0.00							2	0	0.00	4	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	6	0	0.00							2	0	0.00	4	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	6	0	0.00							2	0	0.00	4	0	0.00
		Drinking Water	5.	6	0	0.00							2	0	0.00	4	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00							2	0	0.00	4	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	6	0	0.00							2	0	0.00	4	0	0.00
		Drinking Water	1300.	6	0	0.00							2	0	0.00	4	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00							2	0	0.00	4	0	0.00
		Drinking Water	5.	6	0	0.00							2	0	0.00	4	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	6	0	0.00							2	0	0.00	4	0	0.00
		Drinking Water	50.	6	0	0.00							2	0	0.00	4	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	6	0	0.00							2	0	0.00	4	0	0.00
		Drinking Water	50.	6	0	0.00							2	0	0.00	4	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	6	0	0.00							2	0	0.00	4	0	0.00
		Drinking Water	2.	6	0	0.00							2	0	0.00	4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0202

NPS Station ID: INDU0202
LAT/LON: 41.629170/ -87.185004
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-66
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359066 /66-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 22
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 4.70
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 25.43
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/80-09/16/80	9	16.5	16.667	19.5	15.	1.75	1.323	15.	16.	17.25	19.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/25/80-06/25/80	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/25/80-09/16/80	9	260.	263.333	270.	250.	50.	7.071	250.	260.	270.	270.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/25/80-09/16/80	9	310.	316.111	350.	300.	211.111	14.53	300.	307.5	320.	350.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/25/80-09/16/80	9	9.4	9.289	9.6	8.8	0.114	0.337	8.8	8.95	9.6	9.6
00400	PH (STANDARD UNITS)	06/25/80-09/16/80	9	8.2	8.256	8.4	8.2	0.008	0.088	8.2	8.2	8.35	8.4
00400	CONVERTED PH (STANDARD UNITS)	06/25/80-09/16/80	9	8.2	8.248	8.4	8.2	0.008	0.089	8.2	8.2	8.35	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/25/80-09/16/80	9	0.006	0.006	0.006	0.004	0.	0.001	0.004	0.004	0.006	0.006
00600	NITROGEN, TOTAL (MG/L AS N)	06/25/80-06/25/80	2	0.265	0.265	0.31	0.22	0.004	0.064	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/25/80-09/16/80	4	0.036	0.061	0.142	0.028	0.003	0.055	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/25/80-09/16/80	4	0.393	0.424	0.61	0.3	0.023	0.152	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/25/80-09/16/80	4	0.23	0.248	0.31	0.22	0.002	0.043	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/25/80-09/16/80	4	0.009	0.01	0.016	0.007	0.	0.004	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/16/80-09/16/80	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/25/80-09/16/80	4	10.5	11.75	16.	10.	8.25	2.872	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/25/80-09/16/80	4	22.5	23.75	28.	22.	8.25	2.872	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	06/25/80-09/16/80	4	0.9	0.725	1.	0.1	0.183	0.427	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/16/80-09/16/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	09/16/80-09/16/80	2	30.5	30.5	31.	30.	0.5	0.707	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/16/80-09/16/80	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/16/80-09/16/80	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/16/80-09/16/80	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/16/80-09/16/80	2	72.	72.	74.	70.	8.	2.828	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/16/80-09/16/80	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/16/80-09/16/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/16/80-09/16/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/16/80-09/16/80	2	5.	5.	6.	4.	2.	1.414	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/25/80-06/25/80	2	0.014	0.014	0.02	0.008	0.	0.008	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/16/80-09/16/80	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0202

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	9	0	0.00	5	0	0.00				4	0	0.00			
00400	PH	Other-Hi Lim.	9.	9	0	0.00	5	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	9	0	0.00	5	0	0.00				4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	2	0	0.00				2	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	2	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	4	0	0.00	2	0	0.00				2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	2	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0203

NPS Station ID: INDU0203
LAT/LON: 41.652781/ -87.185004
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-39
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359039 /39-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 52
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 20.10
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 16.76
Distance from RF3: 1.73
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/80-10/20/81	33	13.	14.621	20.5	9.	18.141	4.259	10.	11.25	20.25	20.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-10/20/81	3	132.	108.	144.	48.	2736.	52.307	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/80-10/20/81	33	260.	253.333	260.	240.	91.667	9.574	240.	240.	260.	260.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/80-10/20/81	33	300.	298.636	305.	290.	37.926	6.158	290.	290.	305.	305.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/80-10/20/81	33	9.4	9.782	11.6	8.1	1.874	1.369	8.1	8.35	11.45	11.6
00400	PH (STANDARD UNITS)	05/20/80-10/20/81	33	8.4	8.397	8.6	8.2	0.018	0.133	8.2	8.3	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	05/20/80-10/20/81	33	8.4	8.378	8.6	8.2	0.018	0.135	8.2	8.3	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/80-10/20/81	33	0.004	0.004	0.006	0.003	0.	0.001	0.003	0.003	0.005	0.006
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/80-10/20/81	6 ##	0.008	0.01	0.022	0.005	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/80-10/20/81	6	0.323	0.337	0.63	0.175	0.026	0.163	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/20/80-10/20/81	6	0.22	0.22	0.23	0.2	0.	0.011	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/80-10/20/81	6	0.007	0.012	0.028	0.003	0.	0.01	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/20/80-10/20/81	6 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-10/20/81	6	10.	10.167	11.	9.	0.567	0.753	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/80-10/20/81	6	23.	23.333	24.	23.	0.267	0.516	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	05/20/80-10/20/81	6	0.35	0.517	1.	0.2	0.118	0.343	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-10/20/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-10/20/81	6	27.5	28.333	33.	25.	11.867	3.445	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-10/20/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-10/20/81	6	2.	2.	3.	1.	0.8	0.894	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-10/20/81	6	1.5	1.5	2.	1.	0.3	0.548	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/20/80-10/20/81	6	98.5	126.833	290.	20.	12860.967	113.406	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-10/20/81	6	1.	0.833	1.	0.5	0.067	0.258	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-10/20/81	6 ##	0.05	0.2	0.5	0.05	0.054	0.232	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-10/20/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/20/80-10/20/81	6 ##	1.	5.333	26.	1.	102.667	10.132	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-10/20/81	6 ##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0203

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	33	0	0.00	11	0	0.00				11	0	0.00	11	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0203

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	33	0	0.00	11	0	0.00				11	0	0.00	11	0	0.00
		Other-Lo Lim.	6.5	33	0	0.00	11	0	0.00				11	0	0.00	11	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	50.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	5.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	1300.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	5.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	50.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	50.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	2.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0204

NPS Station ID: INDU0204
LAT/LON: 41.638892/ -87.189170
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM017
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 36
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 10.10
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 9.35
Distance from RF3: 0.61
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/63-09/19/63	11	20.	20.182	21.	19.	0.564	0.751	19.	20.	21.	21.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/23/63-08/28/63	6	2.25	2.05	2.6	1.2	0.331	0.575	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/63-09/19/63	11	270.	257.636	276.	214.	404.055	20.101	220.2	245.	274.	275.6
00300	OXYGEN, DISSOLVED MG/L	08/23/63-09/19/63	11	8.7	8.6	9.8	7.3	0.6	0.775	7.32	8.2	8.9	9.76
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/63-09/19/63	11	96.5	94.727	107.6	78.7	85.48	9.246	78.92	90.2	99.5	107.48
00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/63-09/19/63	5	1.	1.14	1.8	0.7	0.168	0.41	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/63-09/19/63	11	8.4	8.355	8.5	8.2	0.017	0.129	8.2	8.2	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	08/23/63-09/19/63	11	8.4	8.337	8.5	8.2	0.017	0.131	8.2	8.2	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/63-09/19/63	11	0.004	0.005	0.006	0.003	0.	0.001	0.003	0.003	0.006	0.006
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/19/63	11	107.	105.727	115.	95.	32.218	5.676	95.4	103.	109.	114.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/63-09/19/63	6	177.5	174.167	180.	165.	54.167	7.36	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	10/22/63-12/08/63	5	1.7	2.46	4.8	0.8	2.808	1.676	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-12/08/63	15	0.09	0.124	0.4	0.02	0.012	0.111	0.02	0.03	0.2	0.34
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-11/24/63	7	0.05	0.079	0.17	0.03	0.004	0.06	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/63-09/19/63	6	0.04	0.04	0.07	0.02	0.	0.017	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/19/63	11	6.	6.	6.	6.	0.	0.	6.	6.	6.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/63-09/19/63	11	20.	21.	24.	20.	2.	1.414	20.	20.	22.	23.8
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-12/08/63	14	0.95	1.443	6.	0.	2.658	1.63	0.	0.	2.	4.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0204

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	11	0	0.00	3	0	0.00							8	0	0.00
00400	PH	Other-Hi Lim.	9.	11	0	0.00	3	0	0.00							8	0	0.00
		Other-Lo Lim.	6.5	11	0	0.00	3	0	0.00							8	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	3	0	0.00							4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	3	0	0.00							8	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	11	0	0.00	3	0	0.00							8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0205

NPS Station ID: INDU0205
LAT/LON: 41.615421/ -87.189337
Agency: 11COEHUN
Date Created: 11/16/84
Location: BURNS DITCH RIVER MILE 1.4
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 6CBW31281
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 1.250
Distance from RF1: 4.40
On/Off RF1: OFF
RF3 Index: 04040001000300.05
RF3 Mile Point: 40.34
Distance from RF3: 0.07
On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE THE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM THE CHICAGO BURNS WTWY IN ILLINOIS. SEDIMENT WAS COLLECTED WITH A SPLIT SPOON SAMPLER FROM SEVERAL DEPTHS AT EACH SITE. SAMPLES REPRESENT

Parameter Inventory for Station: INDU0205

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0206

NPS Station ID: INDU0206 | LAT/LON: 41.562531/ -87.189170 | Agency: 11COECHI | Date Created: 08/21/82
Location: LITTLE CALUMET R RM 2.3 (FROM LAKE MICHIGAN)
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 04040001 | Depth of Water: 0
Major Basin: LAKE MICHIGAN | Elevation: 0
Minor Basin: CALUMET-BURNS DITCH COMPLEX
RF1 Index: 04040001012 | RF1 Mile Point: 2.100
RF3 Index: 04040001055200.00 | RF3 Mile Point: 2.00
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT CORPS OF ENGINEERS TO DETERMINE THE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM THE LITTLE CALUMET RIVER IN INDIANA. SEDIMENT WAS COLLECTED WITH A SPLIT SPOON SAMPLER. SAMPLE DEPTH IS RELATIVE TO MEAN SEA LEVEL. RIVER

FIPS State/County: 18127 INDIANA/PORTER
STORET Station ID(s): CLI31979
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 9.50 | On/Off RF1: ON
Distance from RF3: 0.38 | On/Off RF3:

Parameter Inventory for Station: INDU0206

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0207

NPS Station ID: INDU0207
LAT/LON: 41.615421/ -87.189337
Agency: 11COECHI
Date Created: 08/14/82
Location: BURNS DITCH RIVER MILE 1.4
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 6CBW31281
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 1.250
Distance from RF1: 4.40
On/Off RF1: OFF
RF3 Index: 04040001000300.05
RF3 Mile Point: 40.34
Distance from RF3: 0.07
On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT-CORPS OF ENGINEERS TO DETERMINE THE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM THE CHICAGO BURNS WTWY IN ILLINOIS. SEDIMENT WAS COLLECTED WITH A SPLIT SPOON SAMPLER FROM SEVERAL DEPTHS AT EACH SITE. SAMPLES REPRESENT

Parameter Inventory for Station: INDU0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	09/23/81-09/23/81	3	15300.	14163.333	20300.	6890.	45926033.333	6776.875	**	**	**	**
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	09/23/81-09/23/81	3	26.4	25.5	29.6	20.5	21.31	4.616	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	09/23/81-09/23/81	3	20800.	18630.	26600.	8490.	85524700.	9247.957	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	09/23/81-09/23/81	3	720.	683.333	750.	580.	8233.333	90.738	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	09/23/81-09/23/81	3 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	09/23/81-09/23/81	3	435.	394.	590.	157.	48133.	219.392	**	**	**	**
00633	NITRITE PLUS NITRATE,BOT. DEPOS. (MG/KG-N DRY WT)	09/23/81-09/23/81	3 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	09/23/81-09/23/81	3	34.	61.	133.	16.	3969.	63.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	09/23/81-09/23/81	3 ##	0.05	0.4	1.1	0.05	0.368	0.606	**	**	**	**
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	09/23/81-09/23/81	3	12800.	15300.	22000.	11100.	34390000.	5864.299	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	09/23/81-09/23/81	3	4500.	4433.333	5300.	3500.	813333.333	901.85	**	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	09/23/81-09/23/81	3	50.	50.	50.	50.	0.	0.	**	**	**	**
00938	POTASSIUM IN BOTTOM DEPOSITS (MG/KG AS K DRY WGT)	09/23/81-09/23/81	3	600.	733.333	1400.	200.	373333.333	611.01	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	09/23/81-09/23/81	3	5.	5.333	8.	3.	6.333	2.517	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	09/23/81-09/23/81	3	40.	43.	73.	16.	819.	28.618	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	09/23/81-09/23/81	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/23/81-09/23/81	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/23/81-09/23/81	3 ##	2.5	3.667	6.	2.5	4.083	2.021	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	09/23/81-09/23/81	3 ##	2.5	3.667	6.	2.5	4.083	2.021	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	09/23/81-09/23/81	3 ##	2.5	5.333	11.	2.5	24.083	4.907	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	09/23/81-09/23/81	3	148.	164.333	251.	94.	6362.333	79.764	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	09/23/81-09/23/81	3 ##	2.5	3.667	6.	2.5	4.083	2.021	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	09/23/81-09/23/81	3 ##	25.	34.667	54.	25.	280.333	16.743	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	09/23/81-09/23/81	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	09/23/81-09/23/81	3	5077.	5531.667	9212.	2306.	12078250.333	3475.378	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	09/23/81-09/23/81	3	11.	10.333	11.	9.	1.333	1.155	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	09/23/81-09/23/81	3	8870.	9633.333	14970.	5060.	24989033.333	4998.903	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	09/23/81-09/23/81	3	120.	120.	190.	50.	4900.	70.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	09/23/81-09/23/81	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	09/23/81-09/23/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/23/81-09/23/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	09/23/81-09/23/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/23/81-09/23/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/23/81-09/23/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	09/23/81-09/23/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	09/23/81-09/23/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	09/23/81-09/23/81	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0208

NPS Station ID: INDU0208 LAT/LON: 41.602587/ -87.193615 Agency: 21IND Date Created: / /
Location: BURNS DITCH PORTAGE BOAT YARD 2.64M FROM LK MICH FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 171416 /BD 3W
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04040001012 RF1 Mile Point: 1.070 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 04040001001900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THIS MONITORING STATION IS LOCATED AT DOCK IN PORTAGE BOAT YARD, BURNS DITCH AT PORTAGE. SAMPLES ARE TAKEN AT MID-STREAM AND MID-DEPTH, 2.64 MILES FROM MOUTH OF LAKE MICHIGAN.

Parameter Inventory for Station: INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	350	14.	13.725	31.	-1.	67.666	8.226	2.	6.075	21.	24.98
00060	FLOW, STREAM, MEAN DAILY CFS	02/24/70-09/29/70	15	94.	279.467	1160.	17.	163382.267	404.206	18.8	22.	211.	1106.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/16/69	92	45.	51.13	150.	5.	1004.862	31.7	15.	26.25	80.	90.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	109	30.	83.396	999.	4.8	27143.041	164.751	10.	15.	69.	200.
00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/16/69	92	25.	24.076	50.	5.	64.796	8.05	15.	20.	28.75	35.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	354	700.	699.619	1104.	368.	18729.534	136.856	515.5	615.25	790.	880.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	352	8.95	9.163	26.9	2.7	11.919	3.452	5.3	6.9	11.	13.14
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/16/69	87	85.	89.736	190.	36.	901.894	30.032	59.8	70.	95.	142.4
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	309	4.8	5.819	21.	0.5	12.093	3.478	2.4	3.7	6.9	10.
00311	BOD, DISSOLVED, 5 DAY MG/L	04/21/70-12/07/70	16	5.75	6.963	23.	1.4	25.729	5.072	2.8	3.975	8.275	16.
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	193	32.	32.653	100.	10.	90.176	9.496	23.	28.	37.	42.
00400p	PH (STANDARD UNITS)	01/04/66-07/27/92	242	7.505	7.579	8.85	6.5	0.166	0.407	7.106	7.3	7.8	8.1
00400p	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	242	7.505	7.406	8.85	6.5	0.195	0.442	7.106	7.3	7.8	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	242	0.031	0.039	0.316	0.001	0.002	0.041	0.008	0.016	0.05	0.078
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	337	7.5	7.5	9.3	6.3	0.136	0.368	7.1	7.3	7.7	7.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	337	7.5	7.352	9.3	6.3	0.157	0.397	7.1	7.3	7.7	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	337	0.032	0.044	0.501	0.001	0.002	0.046	0.013	0.02	0.05	0.079
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	245	196.	191.567	266.	90.	1404.869	37.482	138.2	165.	218.	236.4
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	82	538.5	529.598	681.	167.	5364.762	73.245	448.9	489.75	575.25	612.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/16/69	92	41.5	47.717	256.	6.	1055.897	32.495	18.	25.25	58.75	77.7
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	01/04/66-12/20/66	24	16.	20.125	52.	4.	221.332	14.877	5.5	8.	30.5	45.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	271	34.	41.967	370.	2.	1575.499	39.693	14.	23.	46.	68.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/67-11/09/76	134	10.	13.515	58.	0.	102.402	10.119	4.	7.	18.	28.5
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/23/87-04/27/88	7	4.	3.929	10.	0.5	9.536	3.088	**	**	**	**
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	02/20/74-12/13/89	45	7.	7.611	30.	0.5	37.167	6.096	1.44	3.05	10.	15.8
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/20/74-12/17/75	23	0.8	0.865	1.6	0.1	0.21	0.458	0.1	0.6	1.3	1.46
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	268	0.6	0.81	4.3	0.05	0.515	0.718	0.1	0.3	1.	1.61
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	131	1.7	2.053	6.6	0.	1.861	1.364	0.7	1.	2.8	3.9
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	108	1.6	1.718	5.2	0.2	0.541	0.735	0.991	1.3	2.	2.71
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	230	2.	2.037	5.3	0.2	1.089	1.044	0.71	1.1	2.8	3.49
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	131	1.9	2.168	9.9	0.	2.021	1.422	0.8	1.3	2.8	3.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	229	0.26	0.473	4.3	0.05	0.415	0.645	0.14	0.19	0.4	1.3
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/19/80-06/19/85	51	9.8	10.441	20.1	2.7	9.441	3.073	7.24	8.7	11.9	14.82

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	192	0.005	0.007	0.208	0.001	0.	0.016	0.002	0.003	0.005	0.012
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	245	286.	224.784	408.	18.	16113.416	126.939	31.	38.	320.	348.8
00910	CALCIUM (MG/L AS CACO3)	02/18/87-07/27/92	62	193.	185.968	272.	64.	1416.13	37.632	142.6	158.75	209.	217.4
00920	MAGNESIUM (MG/L AS CACO3)	02/18/87-05/24/89	21	120.	119.381	192.	76.	854.248	29.228	82.4	95.	131.	163.6
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	74	40.	39.339	86.	8.1	150.114	12.252	24.5	31.75	46.	54.
00937	POTASSIUM, TOTAL MG/L AS K)	02/20/74-11/09/76	33	5.	4.758	7.	3.	0.939	0.969	4.	4.	5.5	6.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	262	52.5	54.645	145.	3.	302.728	17.399	36.	44.	65.	75.7
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	206	80.5	74.879	180.	16.	759.005	27.55	36.	53.	92.	110.
00951	FLUORIDE, TOTAL (MG/L AS F)	02/20/74-11/09/76	33	0.3	0.345	0.6	0.2	0.011	0.103	0.2	0.3	0.4	0.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/18/87-05/19/92	58	8.	7.519	14.	0.5	7.112	2.667	3.	6.	9.025	10.
00956	SILICA, TOTAL (MG/L AS SI02)	07/28/87-09/22/87	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	02/20/74-11/02/77	43	10.	7.674	10.	5.	6.368	2.523	5.	5.	10.	10.
01002	ARSENIC, TOTAL (UG/L AS AS)	04/17/85-04/17/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/20/74-11/02/77	43	10.	7.674	10.	5.	6.368	2.523	5.	5.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	02/20/74-11/09/76	33	10.	8.485	10.	5.	5.445	2.333	5.	5.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	192 ##	5.	8.766	110.	2.	108.317	10.408	5.	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	44	20.	18.977	130.	5.	355.325	18.85	10.	10.	20.	30.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	121	1100.	1330.	9400.	100.	1202585.	1096.624	600.	785.	1450.	2200.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	120	20.	19.333	120.	5.	227.283	15.076	5.5	10.	20.	40.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-12/18/91	34	160.	170.882	260.	80.	1771.925	42.094	115.	150.	192.5	235.
01067	NICKEL, TOTAL (UG/L AS NI)	02/20/74-11/02/77	43	0.04	6.524	40.	0.02	75.476	8.688	0.02	0.02	10.	20.
01092	ZINC, TOTAL (UG/L AS ZN)	02/20/74-11/02/77	42	50.	58.095	210.	10.	2093.844	45.759	10.	27.5	80.	127.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-01/26/71	112	47500.	98283.929	1300000.	100.	32093625865.508	179146.939	7300.	19250.	91250.	268000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-01/26/71	112	4.677	4.612	6.114	2.	0.377	0.614	3.862	4.284	4.96	5.427
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			40886.448								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	220	1000.	3505.841	88000.	5.	75184522.92	8670.901	40.	210.	3950.	8000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	220	3.	2.895	4.944	0.699	0.778	0.882	1.602	2.322	3.596	3.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			784.97								
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	47	460.	1929.447	11000.	10.	8191516.122	2862.082	34.8	180.	2500.	6680.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	47	2.663	2.71	4.041	1.	0.7	0.836	1.511	2.255	3.398	3.824
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			512.586								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	02/20/74-07/27/92	34	3.5	8.25	160.	1.	722.17	26.873	1.	2.375	5.	6.5
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	03/28/73-03/31/76	8	0.5	0.469	0.5	0.25	0.008	0.088	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/28/73-03/31/76	8	0.01	0.033	0.1	0.005	0.002	0.041	**	**	**	**
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	61	32712.	30970.754	82942.	10006.	392307409.822	19806.752	10128.2	12473.	40937.5	43272.6
71900	MERCURY, TOTAL (UG/L AS HG)	02/20/74-11/02/77	43	0.1	0.19	1.6	0.05	0.092	0.304	0.05	0.05	0.1	0.46

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0208

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	109	34	0.31	35	13	0.37	14	3	0.21	42	17	0.40	18	1	0.06
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	352	8	0.02	106	0	0.00	40	0	0.00	136	4	0.03	70	4	0.06
00400	PH	Other-Hi Lim.	9.	242	0	0.00	74	0	0.00	29	0	0.00	96	0	0.00	43	0	0.00
		Other-Lo Lim.	6.5	242	1	0.00	74	0	0.00	29	0	0.00	96	1	0.01	43	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	337	1	0.00	104	0	0.00	37	0	0.00	131	1	0.01	65	0	0.00
		Other-Lo Lim.	6.5	337	2	0.01	104	0	0.00	37	0	0.00	131	2	0.02	65	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	131	0	0.00	41	0	0.00	15	0	0.00	48	0	0.00	27	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	230	0	0.00	71	0	0.00	26	0	0.00	89	0	0.00	44	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	192	5	0.03	61	3	0.05	23	1	0.04	74	1	0.01	34	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	262	0	0.00	80	0	0.00	30	0	0.00	102	0	0.00	50	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	206	0	0.00	65	0	0.00	21	0	0.00	79	0	0.00	41	0	0.00
00997	ARSENIC, INORGANIC TOT	Fresh Acute	360.	43	0	0.00	12	0	0.00	8	0	0.00	15	0	0.00	8	0	0.00
		Drinking Water	50.	43	0	0.00	12	0	0.00	8	0	0.00	15	0	0.00	8	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	23 &	23	1.00	8	8	1.00	4	4	1.00	7	7	1.00	4	4	1.00
		Drinking Water	5.	23 &	23	1.00	8	8	1.00	4	4	1.00	7	7	1.00	4	4	1.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

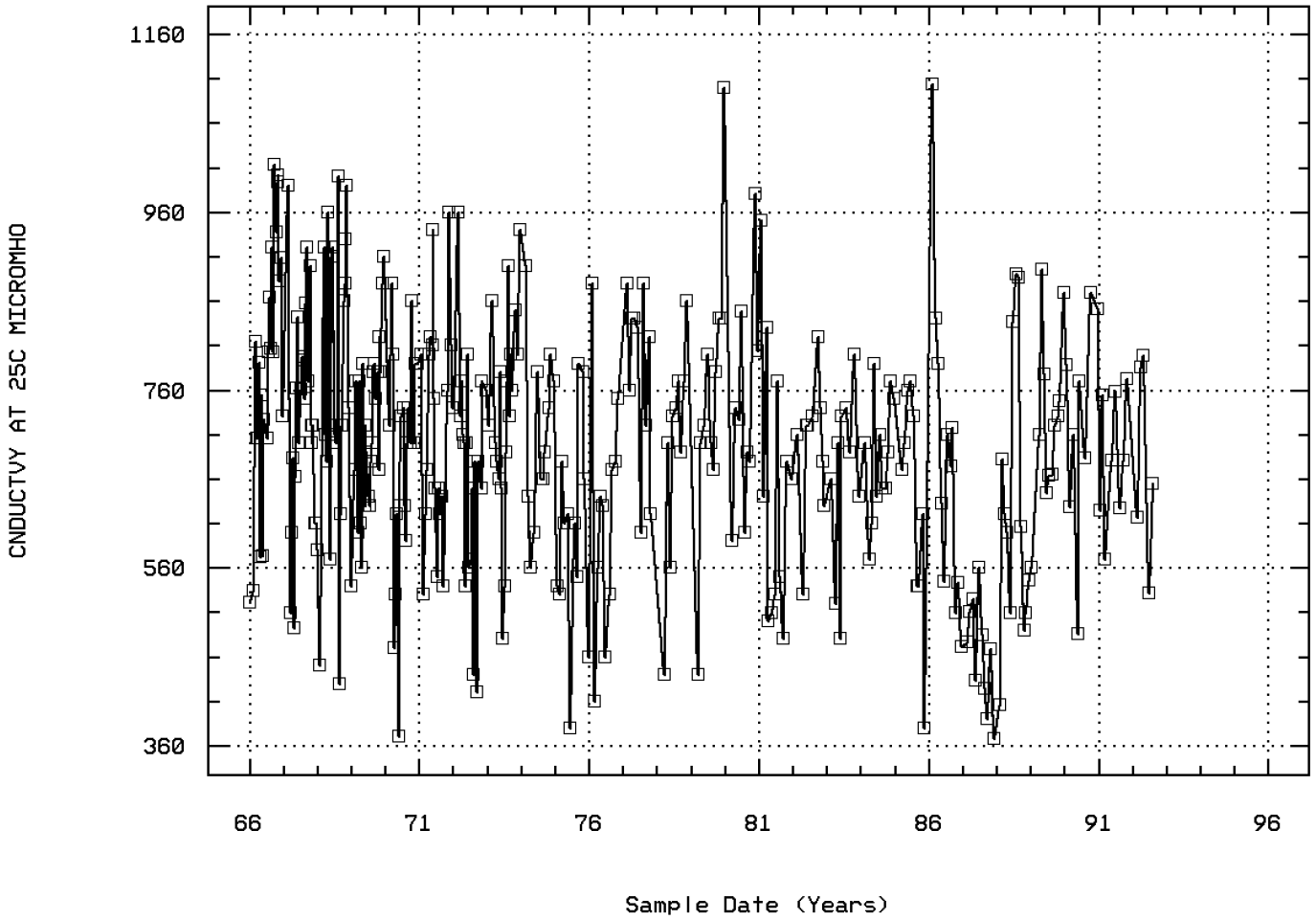
EPA Water Quality Criteria Analysis for Station: INDU0208

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	33	0	0.00	10	0	0.00	6	0	0.00	11	0	0.00	6	0	0.00
		Drinking Water	100.	33	0	0.00	10	0	0.00	6	0	0.00	11	0	0.00	6	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	192	1	0.01	59	0	0.00	23	1	0.04	75	0	0.00	35	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	44	23	0.52	12	8	0.67	8	4	0.50	16	7	0.44	8	4	0.50
		Drinking Water	1300.	44	0	0.00	12	0	0.00	8	0	0.00	16	0	0.00	8	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	120	1	0.01	38	1	0.03	13	0	0.00	47	0	0.00	22	0	0.00
		Drinking Water	5.	98 &	98	1.00	31	31	1.00	13	13	1.00	38	38	1.00	16	16	1.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	43	0	0.00	12	0	0.00	8	0	0.00	15	0	0.00	8	0	0.00
		Drinking Water	100.	43	0	0.00	12	0	0.00	8	0	0.00	15	0	0.00	8	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	42	5	0.12	12	0	0.00	7	1	0.14	15	3	0.20	8	1	0.13
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	112	111	0.99	36	35	0.97	13	13	1.00	41	41	1.00	22	22	1.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	220	170	0.77	65	46	0.71	25	22	0.88	87	75	0.86	43	27	0.63
31648	E. COLI, MTEC, MF	Fresh Acute	126.	47	37	0.79	17	13	0.76	6	5	0.83	16	14	0.88	8	5	0.63
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	400.	8	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	43	0	0.00	12	0	0.00	8	0	0.00	15	0	0.00	8	0	0.00
		Drinking Water	2.	43	0	0.00	12	0	0.00	8	0	0.00	15	0	0.00	8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station: INDU0208 Parameter Code: 00095

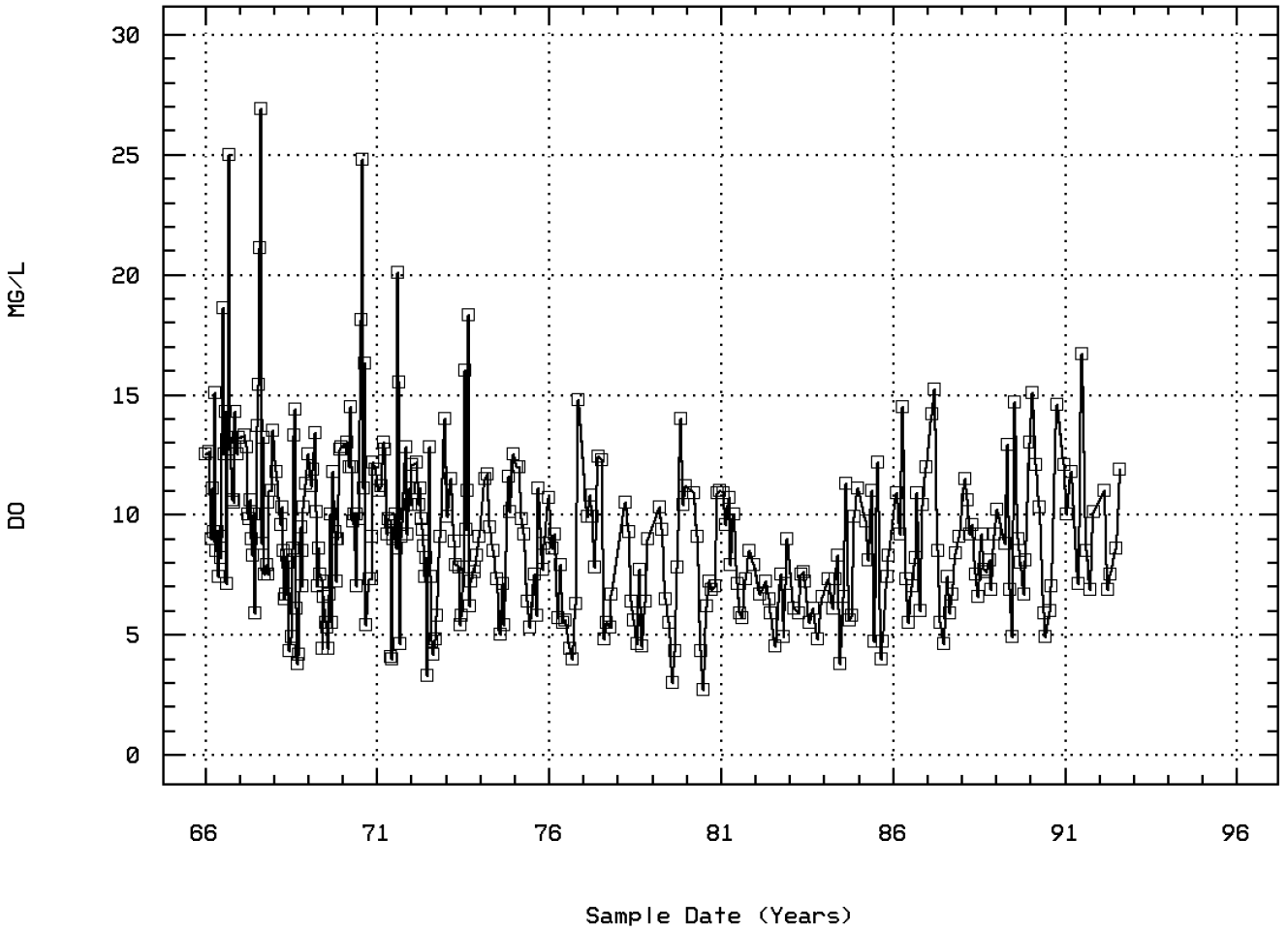
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00300

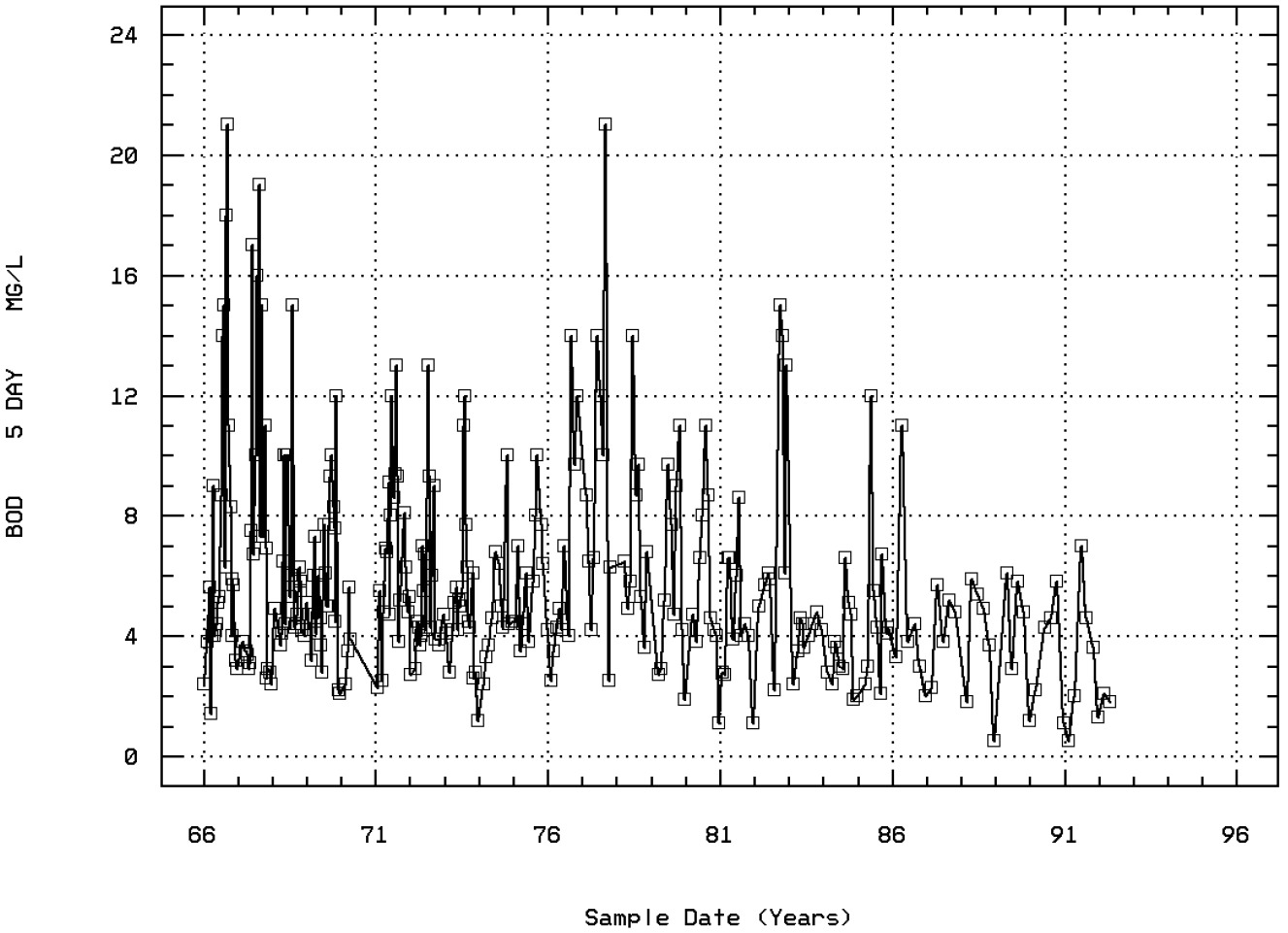
OXYGEN, DISSOLVED



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00310

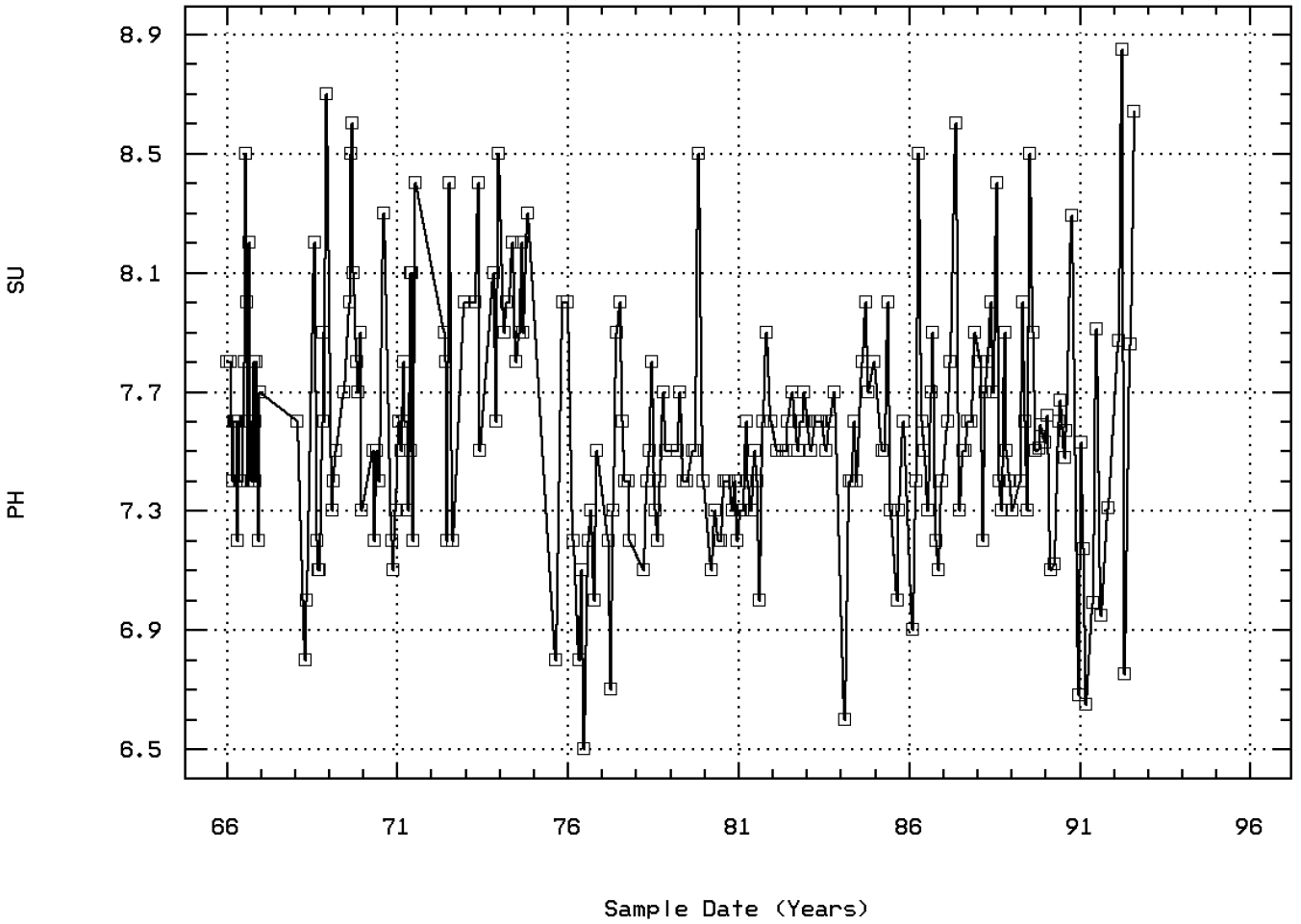
BOD, 5 DAY, 20 DEG C



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00400

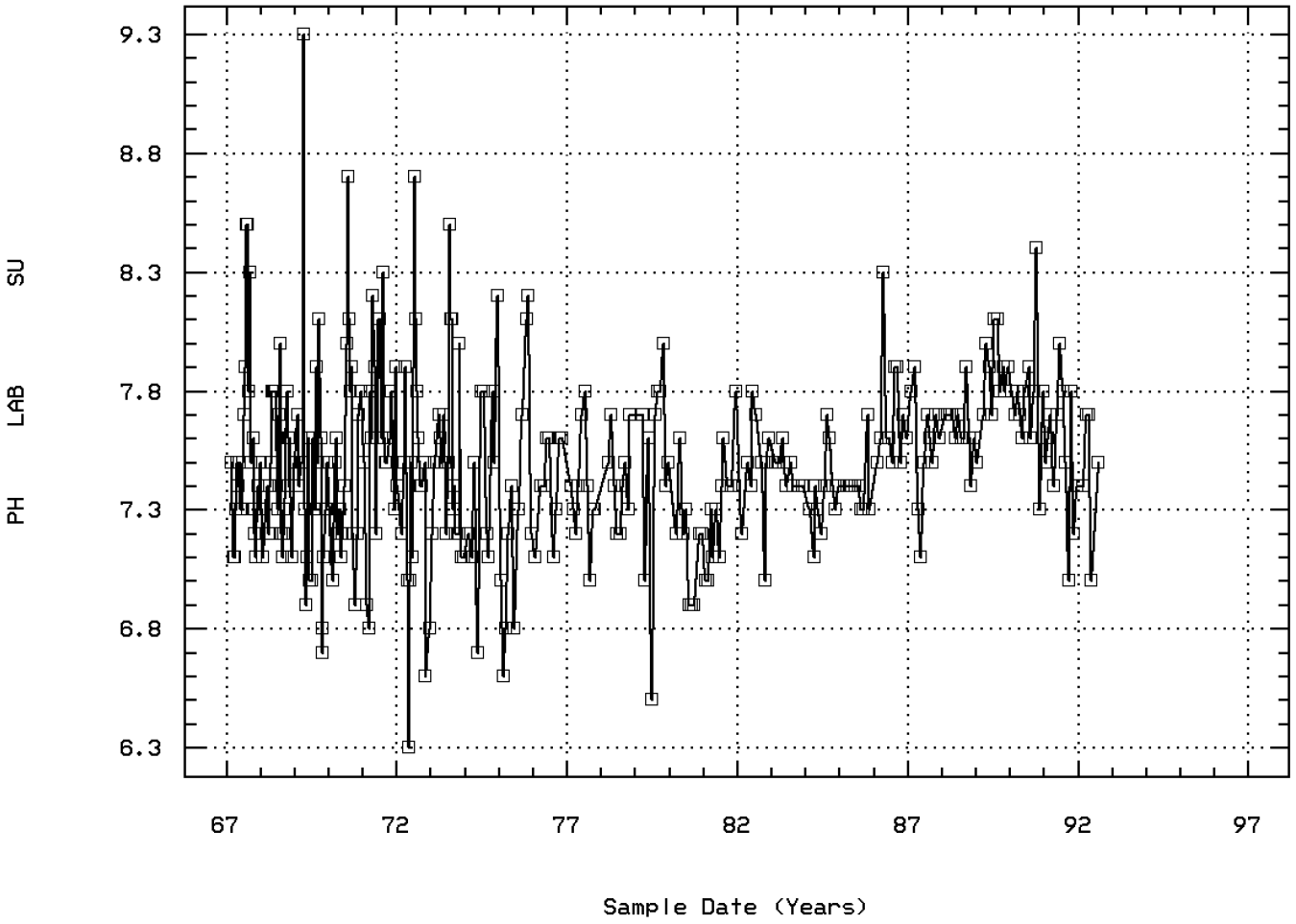
PH (STANDARD UNITS)



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00403

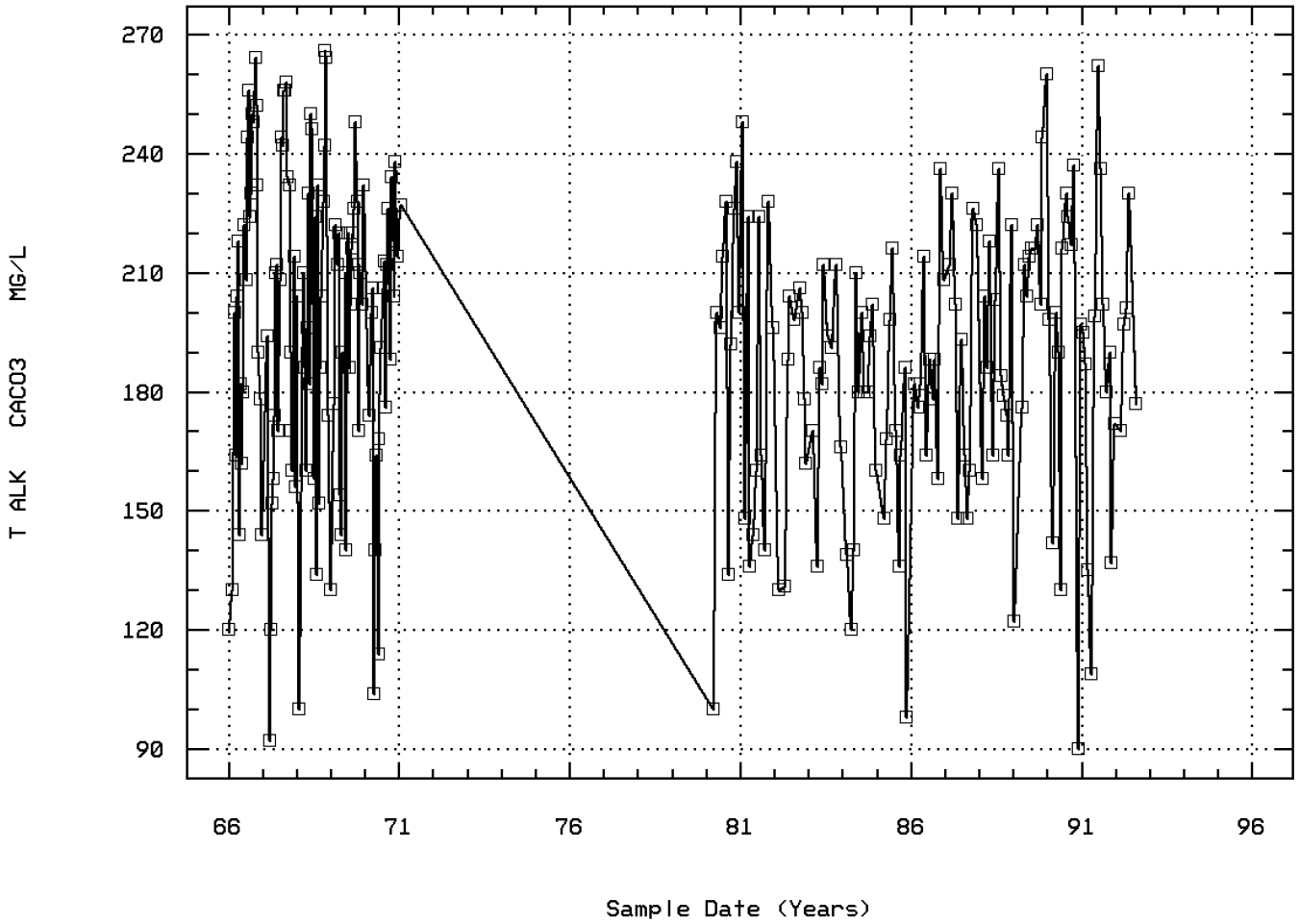
PH, LAB, STANDARD UNITS



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00410

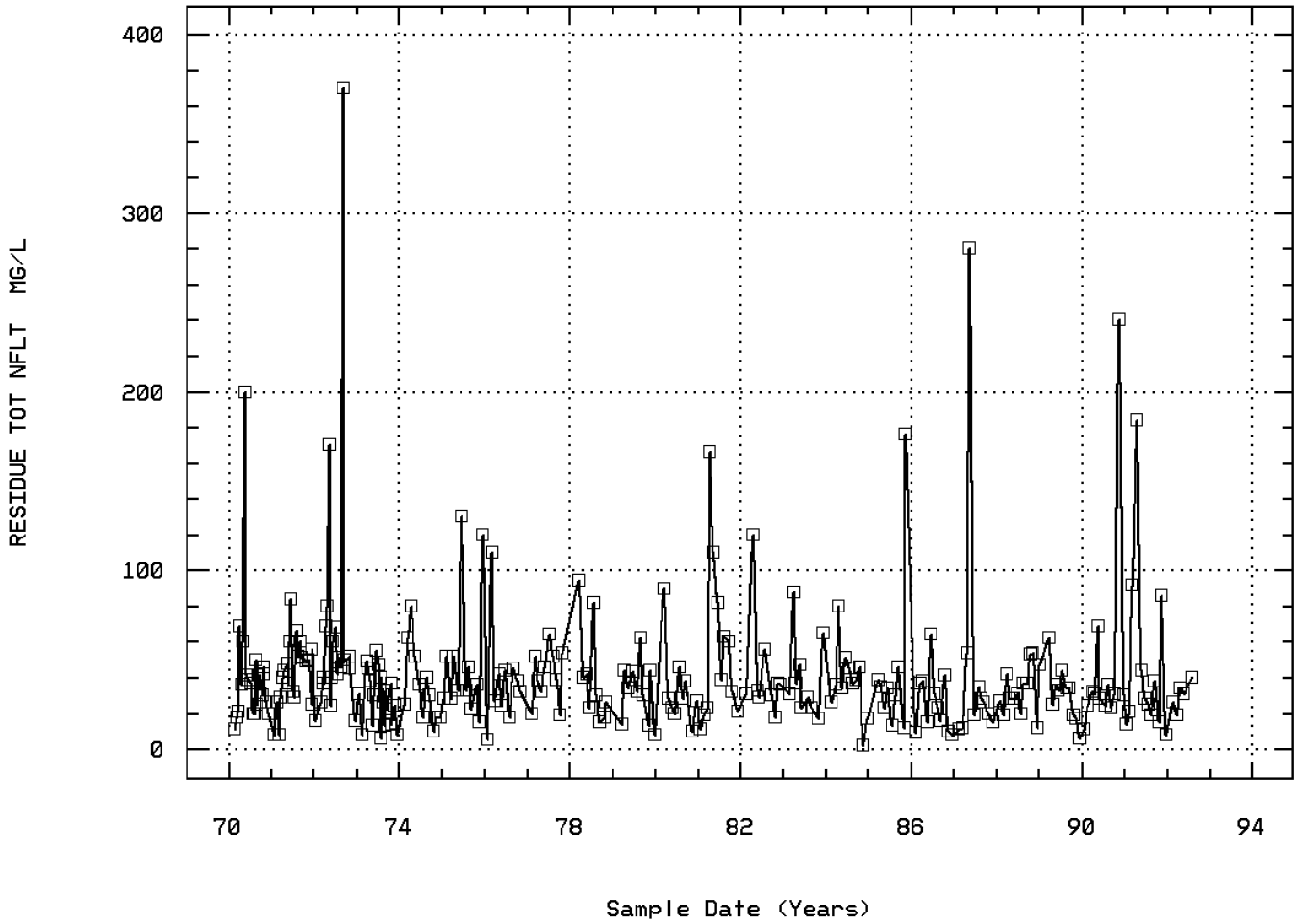
ALKALINITY, TOTAL (MG/L AS CACO3)



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00530

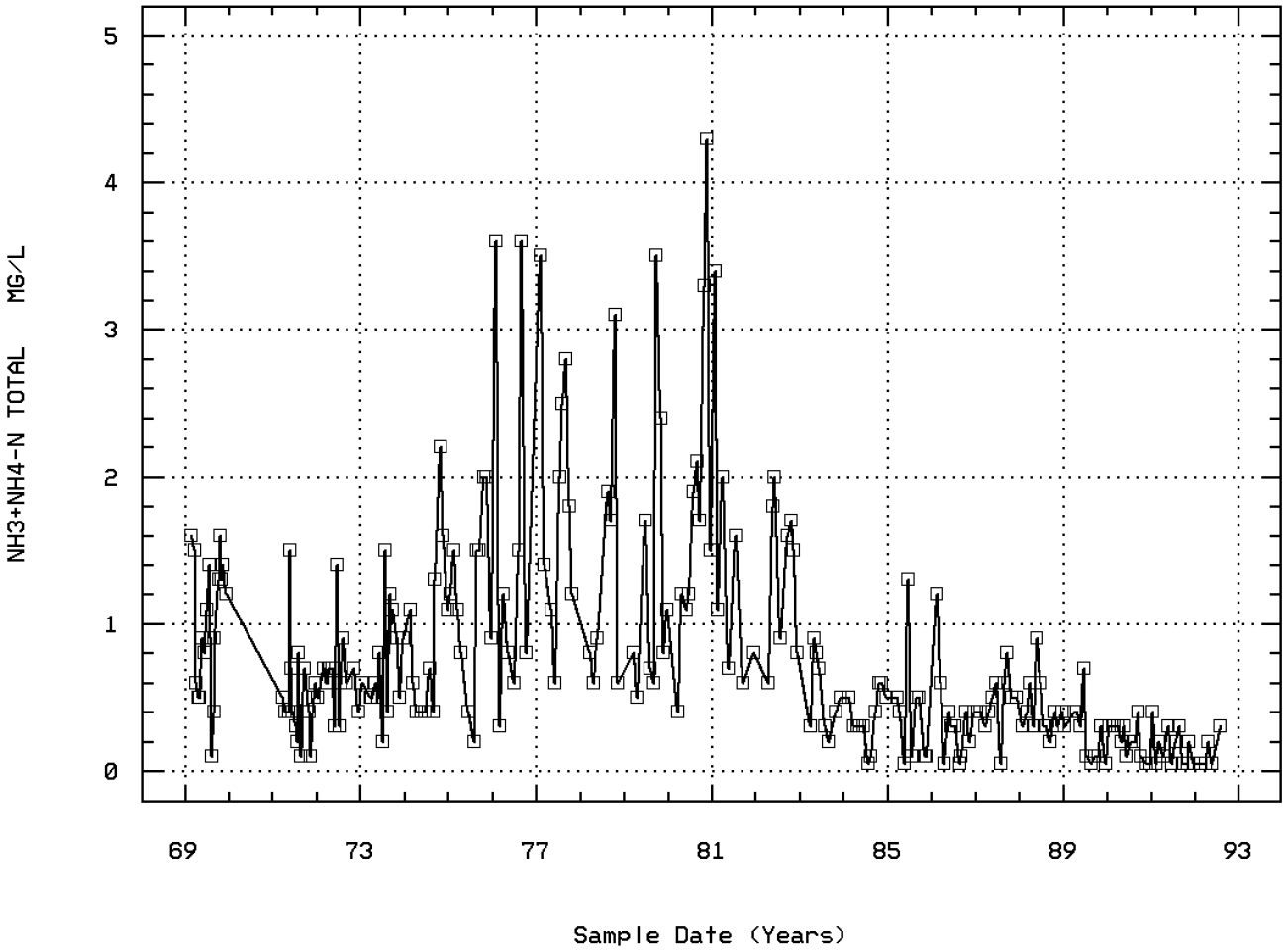
RESIDUE, TOTAL NONFILTRABLE (MG/L)



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00610

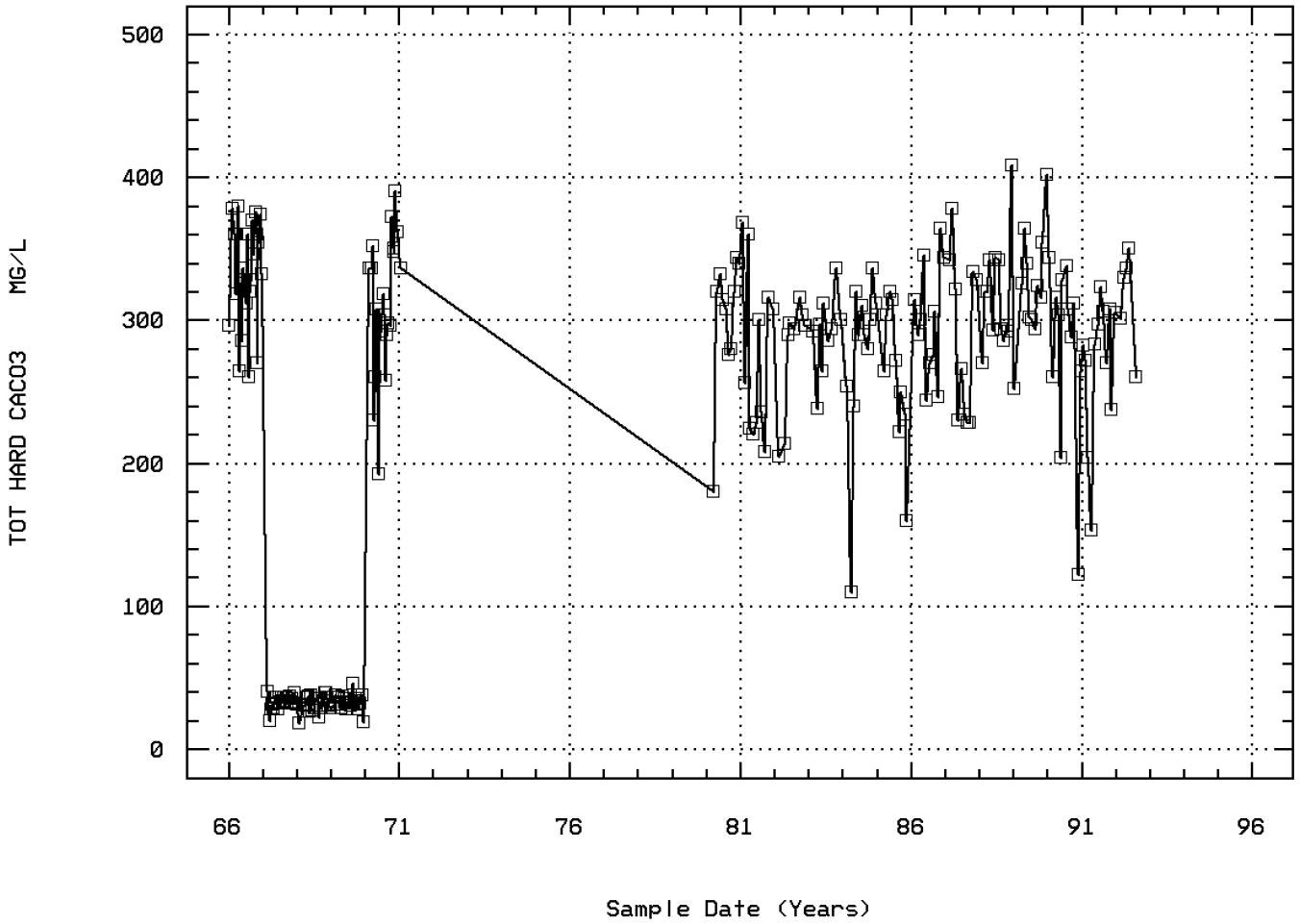
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00900

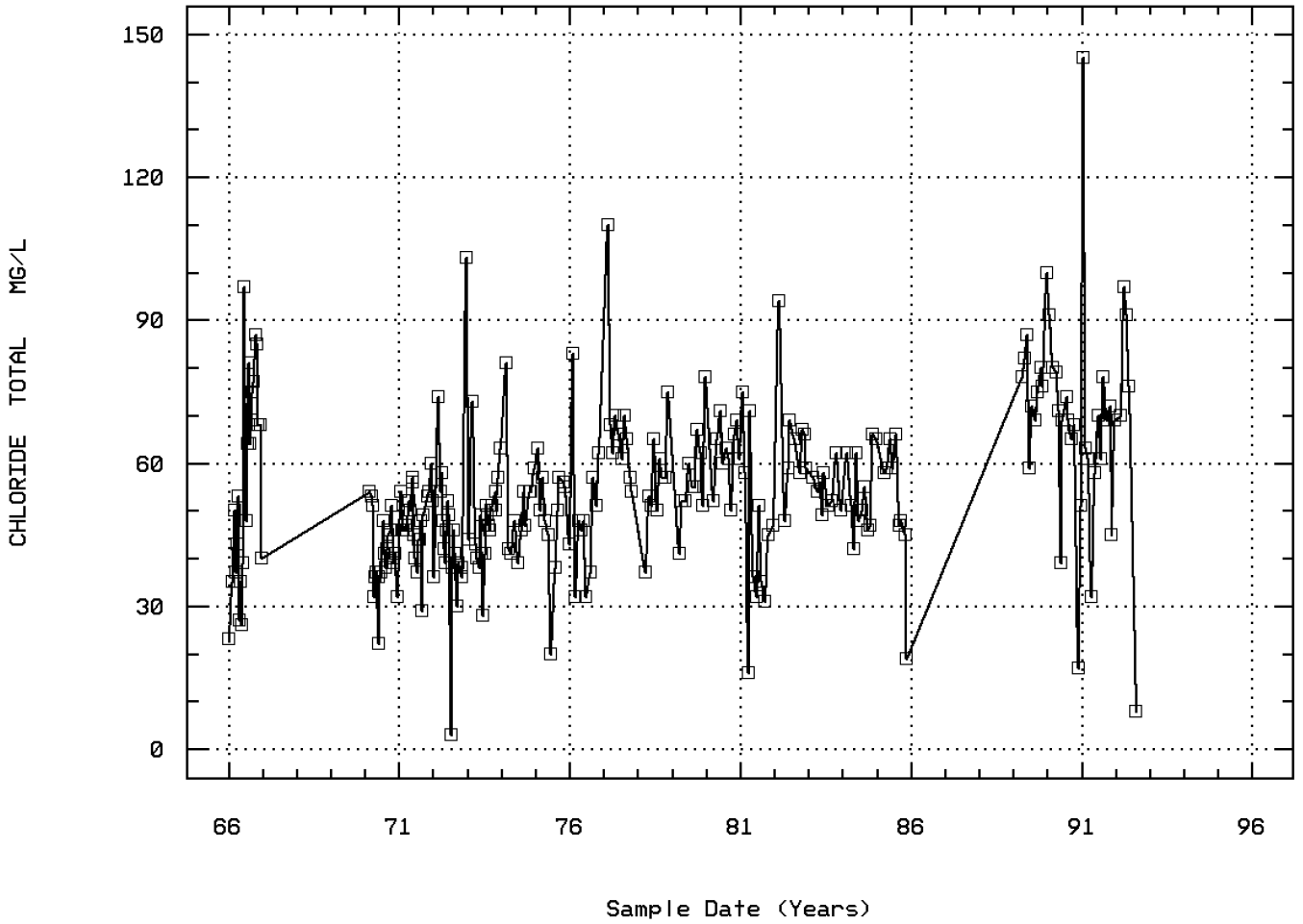
HARDNESS, TOTAL (MG/L AS CACO3)



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Annual Analysis for 1966 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	24	10.5	13.375	28.	0.	93.984	9.695	1.5	5.	24.75	26.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/16/69	24	40.	44.583	130.	15.	793.297	28.166	20.	26.25	50.	90.
00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/16/69	24	25.	23.542	40.	10.	66.259	8.14	12.5	16.25	28.75	37.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	23	802.	785.478	1014.	521.	21215.443	145.655	549.2	706.	908.	998.8
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	24	11.8	11.967	25.	7.1	15.132	3.89	7.8	9.15	13.2	16.85
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/16/69	22	93.	101.955	164.	65.	736.426	27.137	74.4	83.	115.75	151.7
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	24	5.45	7.217	21.	1.4	26.127	5.111	2.65	4.	8.925	16.5
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	24	7.6	7.633	8.5	7.2	0.092	0.303	7.3	7.4	7.8	8.1
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	24	7.6	7.551	8.5	7.2	0.099	0.314	7.3	7.4	7.8	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	24	0.025	0.028	0.063	0.003	0.	0.016	0.008	0.016	0.04	0.051
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	24	206.	201.917	264.	120.	1808.514	42.527	137.	167.5	241.	254.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/16/69	24	39.5	53.042	256.	12.	2393.868	48.927	18.5	28.25	58.25	94.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	24	1.75	2.054	6.1	0.	1.877	1.37	0.7	0.9	2.85	3.9
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	24	1.85	1.921	4.2	0.	1.194	1.093	0.65	0.95	2.675	3.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	24	334.	333.083	380.	260.	1358.254	36.854	267.	313.5	360.	377.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	24	58.5	57.333	97.	23.	486.493	22.057	26.5	37.5	76.5	86.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-01/26/71	24	33500.	43833.333	150000.	7000.	1386579710.145	37236.806	10500.	19250.	54000.	113000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-01/26/71	24	4.521	4.512	5.176	3.845	0.119	0.345	4.017	4.284	4.732	5.04
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			32523.462								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1967 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	22	12.5	12.636	24.	0.	63.29	7.956	1.6	4.5	21.	23.4
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/16/69	22	40.	45.455	100.	5.	735.498	27.12	11.5	28.75	65.	87.
00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/16/69	22	25.	25.909	40.	15.	44.372	6.661	16.5	20.	30.	35.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	22	735.	734.227	990.	492.	15857.613	125.927	537.	649.	809.	914.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	22	10.55	11.714	26.9	5.9	22.38	4.731	7.5	8.675	13.35	19.39
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/16/69	21	86.	99.952	190.	69.	1194.948	34.568	70.2	80.5	105.5	169.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	22	6.8	7.482	19.	2.4	27.291	5.224	2.66	3.05	10.25	16.7
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	22	7.45	7.55	8.5	7.1	0.175	0.418	7.1	7.3	7.725	8.44
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	22	7.447	7.417	8.5	7.1	0.194	0.44	7.1	7.3	7.725	8.44
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	22	0.036	0.038	0.079	0.003	0.001	0.024	0.004	0.019	0.05	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	22	201.	195.545	258.	92.	2088.736	45.703	129.6	159.5	236.	256.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/16/69	22	55.	48.318	78.	6.	473.084	21.751	14.	30.25	64.5	76.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/67-11/09/76	22	20.5	22.909	58.	1.	239.229	15.467	5.9	9.	34.	46.2
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	22	2.15	2.427	5.3	0.5	2.157	1.469	0.69	1.1	3.9	4.75
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	22	1.6	1.645	4.3	0.3	0.745	0.863	0.8	1.075	1.825	3.02
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	22	33.5	33.136	40.	20.	18.79	4.335	28.	31.75	36.	38.4
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	22	50.	49.909	89.	22.	407.134	20.178	23.9	31.	65.5	82.8
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-01/26/71	22	38000.	98818.182	380000.	7000.13934	060606.061	118042.622	8000.	20000.	190000.	329000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-01/26/71	22	4.58	4.69	5.58	3.845	0.292	0.541	3.903	4.301	5.277	5.515
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			48975.73								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	22	14.	12.636	27.	0.	67.861	8.238	0.6	4.75	20.25	22.7
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/16/69	23	60.	63.652	100.	5.	919.237	30.319	16.2	50.	90.	96.
00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/16/69	23	25.	24.348	50.	5.	102.964	10.147	9.	20.	30.	40.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	23	720.	754.783	1000.	430.	29116.996	170.637	486.	620.	920.	978.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	22	8.5	8.564	14.4	3.8	8.948	2.991	4.23	6.4	10.55	13.06
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/16/69	22	76.	79.	160.	36.	906.762	30.112	42.8	59.	89.	135.4
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	22	5.	5.877	15.	1.	8.869	2.978	3.79	4.175	6.35	10.
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	11	7.6	7.527	8.7	6.8	0.326	0.571	6.84	7.1	7.9	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	11	7.6	7.28	8.7	6.8	0.393	0.627	6.84	7.1	7.9	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	11	0.025	0.052	0.158	0.002	0.002	0.049	0.003	0.013	0.079	0.147
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	23	7.5	7.483	8.	7.1	0.073	0.271	7.1	7.2	7.8	7.8
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	23	7.5	7.407	8.	7.1	0.079	0.282	7.1	7.2	7.8	7.8
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	23	0.032	0.039	0.079	0.01	0.001	0.023	0.016	0.016	0.063	0.079
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	23	204.	198.174	266.	100.	2022.877	44.976	131.6	160.	232.	258.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/16/69	23	42.	47.957	110.	19.	468.589	21.647	21.2	36.	58.	82.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/67-11/09/76	23	14.	13.783	29.	4.	44.178	6.647	5.4	8.	18.	22.8
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	23	1.6	2.161	6.6	0.4	2.073	1.44	1.	1.2	3.1	4.06
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	23	2.3	2.148	4.	0.1	1.247	1.117	0.44	1.2	3.	3.68
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	23	31.	31.565	39.	18.	28.257	5.316	23.6	29.	36.	38.6
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	23	54.	52.696	94.	16.	493.494	22.215	21.2	35.	70.	87.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-01/26/71	22	67000.	163590.909	1100000.	4000.589	68824675.325	242834.974	9900.	44750.	180000.	442000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-01/26/71	22	4.826	4.877	6.041	3.602	0.344	0.586	3.992	4.627	5.253	5.639
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			75348.501								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	22	13.5	13.591	27.	1.	66.444	8.151	2.3	6.25	20.5	24.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/04/66-12/16/69	23	40.	50.87	150.	5.	1462.846	38.247	5.	20.	90.	96.
00080	COLOR (PLATINUM-COBALT UNITS)	01/04/66-12/16/69	23	25.	22.609	35.	5.	47.431	6.887	10.	20.	25.	30.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	23	720.	722.609	910.	560.	8211.067	90.615	604.	640.	780.	856.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	23	8.6	8.57	13.4	4.4	7.776	2.789	4.76	6.6	11.2	12.76
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/04/66-12/16/69	22	77.	78.5	127.	42.	398.452	19.961	52.	66.25	91.5	111.6
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	23	5.	5.826	12.	2.1	6.617	2.572	2.44	4.1	7.7	9.72
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	12	7.75	7.817	8.6	7.3	0.185	0.43	7.3	7.425	8.075	8.57
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	12	7.747	7.658	8.6	7.3	0.213	0.461	7.3	7.425	8.075	8.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	12	0.018	0.022	0.05	0.003	0.	0.017	0.003	0.008	0.038	0.05
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	23	7.4	7.435	9.3	6.7	0.282	0.531	6.84	7.1	7.6	8.02
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	23	7.4	7.239	9.3	6.7	0.322	0.568	6.84	7.1	7.6	8.02
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	23	0.04	0.058	0.2	0.001	0.003	0.05	0.01	0.025	0.079	0.145
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	23	210.	201.174	248.	140.	816.605	28.576	148.	186.	220.	230.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/04/66-12/16/69	23	33.	41.348	120.	9.	870.964	29.512	15.4	21.	50.	96.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/67-11/09/76	18	10.5	12.722	40.	0.	70.801	8.414	5.4	7.75	16.5	22.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	21	1.	1.	1.6	0.1	0.171	0.414	0.42	0.7	1.35	1.58
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	23	1.5	1.583	4.5	0.5	1.012	1.006	0.5	0.8	2.	3.04
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	23	2.7	2.67	6.2	0.5	2.013	1.419	0.64	1.7	3.4	4.96
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	23	33.	33.043	46.	19.	25.043	5.004	28.	31.	36.	38.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	23	42.	40.565	57.	24.	51.348	7.166	31.	36.	44.	51.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-01/26/71	23	70000.	133478.261	1300000.	2000.715	90351778.656	267563.734	5200.	23000.	99000.	316000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-01/26/71	23	4.845	4.713	6.114	3.301	0.395	0.629	3.699	4.362	4.996	5.498
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			51594.383								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	17	15.	15.294	31.	1.	73.596	8.579	5.	8.5	24.	27.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	20	40.	53.75	200.	10.	2128.618	46.137	10.5	20.	90.	100.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	20	700.	684.5	880.	370.	15941.842	126.261	476.	622.5	777.5	854.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	19	11.1	11.658	24.8	5.4	20.261	4.501	7.	9.1	13.	18.1
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	4	3.7	3.85	5.6	2.4	1.763	1.328	**	**	**	**
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	8	7.35	7.438	8.3	7.1	0.143	0.378	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	8	7.347	7.342	8.3	7.1	0.153	0.391	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	8	0.045	0.045	0.079	0.005	0.001	0.023	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	20	7.45	7.53	8.7	6.9	0.194	0.44	7.01	7.2	7.8	8.09
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	20	7.447	7.367	8.7	6.9	0.222	0.471	7.01	7.2	7.8	8.09
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	20	0.036	0.043	0.126	0.002	0.001	0.033	0.008	0.016	0.063	0.098
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	20	202.	189.5	238.	104.	1368.474	36.993	116.6	169.5	213.75	233.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	20	36.5	42.6	200.	11.	1593.726	39.922	18.2	20.25	45.	68.1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	20	2.6	2.43	5.6	0.1	2.174	1.474	0.32	1.425	3.5	4.61
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	20	2.1	2.885	9.9	1.	6.086	2.467	1.23	1.675	2.875	9.21
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	20	308.	310.	390.	192.	2410.947	49.101	232.8	290.5	349.5	371.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	20	40.5	41.05	54.	22.	64.366	8.023	32.	36.25	47.5	52.8
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-01/26/71	20	30000.	55505.	450000.	100.	9754416289.474	98764.449	2100.	10500.	58750.	133300.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-01/26/71	20	4.475	4.295	5.653	2.	0.604	0.777	3.319	4.02	4.769	5.118
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19741.782								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	20	100.	2130.	29000.	10.	41270221.053	6424.19	10.	10.	1875.	3260.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	20	2.	2.18	4.462	1.	1.134	1.065	1.	1.	3.261	3.513
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			151.498								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	20	13.	13.75	27.	0.	84.829	9.21	0.1	5.25	23.75	25.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	20	705.	715.	960.	530.	15257.895	123.523	541.	625.	807.5	928.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	20	9.9	10.255	20.1	4.	13.897	3.728	4.15	9.025	12.325	15.25
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	20	6.55	6.82	13.	2.3	8.266	2.875	2.63	4.8	8.975	11.74
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	11	7.6	7.7	8.4	7.2	0.134	0.366	7.22	7.5	8.1	8.34
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	11	7.6	7.583	8.4	7.2	0.149	0.386	7.22	7.5	8.1	8.34
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	11	0.025	0.026	0.063	0.004	0.	0.018	0.005	0.008	0.032	0.061
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	20	7.6	7.64	8.3	6.8	0.157	0.397	6.93	7.5	7.9	8.19
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	20	7.6	7.455	8.3	6.8	0.193	0.44	6.93	7.5	7.9	8.19
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	20	0.025	0.035	0.158	0.005	0.002	0.04	0.006	0.013	0.032	0.12
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	1	227.	227.	227.	227.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	20	46.	42.7	84.	8.	359.589	18.963	9.7	29.	55.	65.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/67-11/09/76	19	15.	15.158	36.	2.	82.251	9.069	5.	6.	20.	28.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	18	0.5	0.589	1.5	0.1	0.134	0.366	0.1	0.375	0.85	1.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/04/66-12/15/71	19	1.3	1.663	5.5	0.1	1.675	1.294	0.3	1.	2.	4.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	18	1.95	2.	3.2	1.	0.334	0.578	1.27	1.6	2.425	2.93
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	1	336.	336.	336.	336.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	20	48.5	48.15	60.	29.	53.608	7.322	37.3	44.25	53.75	56.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/04/66-01/26/71	1	2700.	2700.	2700.	2700.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/04/66-01/26/71	1	3.431	3.431	3.431	3.431	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2700.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	20	510.	1585.	5700.	110.	4100994.737	2025.091	119.	235.	3500.	5330.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	20	2.699	2.845	3.756	2.041	0.329	0.573	2.067	2.369	3.485	3.726
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			699.954								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	19	10.	13.263	25.	0.	69.649	8.346	1.	7.	20.	24.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	19	700.	675.263	960.	420.	16437.427	128.209	440.	570.	760.	800.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	18	8.9	8.633	14.	3.3	10.106	3.179	4.11	5.55	11.35	12.92
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	19	4.3	5.437	13.	2.7	6.748	2.598	2.9	3.9	6.7	9.3
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	6	7.85	7.75	8.4	7.2	0.223	0.472	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	6	7.847	7.551	8.4	7.2	0.27	0.52	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	6	0.014	0.028	0.063	0.004	0.001	0.027	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	19	7.4	7.384	8.7	6.3	0.296	0.544	6.6	7.	7.6	8.1
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	19	7.4	7.085	8.7	6.3	0.39	0.625	6.6	7.	7.6	8.1
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	19	0.04	0.082	0.501	0.002	0.014	0.118	0.008	0.025	0.1	0.251
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	19	46.	68.526	370.	16.	6444.819	80.28	16.	37.	68.	170.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	17	0.6	0.647	1.4	0.3	0.076	0.276	0.3	0.45	0.7	1.08
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	19	3.3	2.895	5.3	0.9	1.987	1.41	1.	1.4	4.	5.
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	19	1.6	1.747	2.8	1.1	0.298	0.546	1.2	1.3	2.	2.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	19	42.	45.895	103.	3.	381.211	19.525	30.	38.	52.	74.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	19	3800.	8627.368	88000.	190.	379204520.468	19473.174	270.	900.	7800.	9800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	19	3.58	3.489	4.944	2.279	0.403	0.635	2.431	2.954	3.892	3.991
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3083.089								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	17	18.	15.529	27.	1.	66.64	8.163	1.8	8.5	22.5	24.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	19	760.	745.263	940.	480.	13559.649	116.446	540.	680.	850.	900.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	18	8.1	9.217	18.3	5.4	11.067	3.327	5.76	7.5	10.175	16.23
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	19	5.	5.279	12.	1.2	7.066	2.658	2.6	4.1	6.1	11.
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	6	8.05	8.017	8.5	7.5	0.166	0.407	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	6	8.047	7.865	8.5	7.5	0.193	0.44	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	6	0.009	0.014	0.032	0.003	0.	0.012	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	19	7.5	7.547	8.5	7.1	0.153	0.391	7.1	7.2	7.7	8.1
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	19	7.5	7.42	8.5	7.1	0.17	0.412	7.1	7.2	7.7	8.1
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	19	0.032	0.038	0.079	0.003	0.001	0.025	0.008	0.02	0.063	0.079
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	19	30.	28.368	55.	6.	231.468	15.214	8.	13.	40.	49.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/67-11/09/76	19	7.	6.789	11.	2.	6.62	2.573	3.	4.	9.	10.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	19	0.9	0.795	1.5	0.2	0.105	0.324	0.4	0.5	1.	1.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	19	2.1	1.953	3.	0.5	0.527	0.726	0.6	1.3	2.5	2.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	19	0.4	0.407	0.62	0.26	0.011	0.103	0.26	0.34	0.49	0.55
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	19	49.	48.158	73.	28.	94.585	9.725	38.	41.	51.	63.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	18	94.5	96.333	168.	60.	463.294	21.524	78.	84.5	100.75	115.8
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	19	350.	1890.	7800.	10.	6854566.667	2618.123	30.	160.	3600.	7200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	19	2.544	2.692	3.892	1.	0.704	0.839	1.477	2.204	3.556	3.857
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			492.553								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	11	11.	10.909	23.	0.	62.291	7.892	0.2	4.	18.	22.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	11	690.	709.091	900.	560.	9849.091	99.243	568.	640.	780.	880.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	11	9.5	9.109	12.5	5.	6.959	2.638	5.08	7.1	11.6	12.34
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	11	4.5	5.036	10.	2.4	4.279	2.068	2.58	3.7	6.4	9.36
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	11	34.	33.818	55.	10.	161.764	12.719	12.	26.	40.	54.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	9	8.	8.022	8.3	7.8	0.029	0.172	7.8	7.9	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	9	8.	7.994	8.3	7.8	0.03	0.174	7.8	7.9	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	9	0.01	0.01	0.016	0.005	0.	0.004	0.005	0.006	0.013	0.016
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	11	7.5	7.445	8.2	6.7	0.187	0.432	6.78	7.1	7.8	8.12
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	11	7.5	7.262	8.2	6.7	0.224	0.473	6.78	7.1	7.8	8.12
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	11	0.032	0.055	0.2	0.006	0.003	0.055	0.008	0.016	0.079	0.176
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	11	30.	35.364	80.	10.	468.455	21.644	11.6	18.	52.	76.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/67-11/09/76	11	6.	8.182	14.	4.	17.964	4.238	4.	4.	12.	14.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	11	0.7	0.927	2.2	0.4	0.354	0.595	0.4	0.4	1.3	2.08
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	11	1.8	1.882	3.7	0.5	1.002	1.001	0.54	1.1	2.7	3.56
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	11	0.33	0.351	0.65	0.19	0.019	0.138	0.198	0.26	0.4	0.63
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	11	0.012	0.02	0.085	0.003	0.001	0.023	0.003	0.005	0.023	0.073
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	11	36.	35.182	52.	24.	64.364	8.023	24.2	30.	38.	50.4
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	11	48.	51.364	81.	39.	136.455	11.681	39.4	42.	54.	76.6
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	11	95.	96.636	125.	65.	278.055	16.675	68.8	85.	110.	122.4
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	02/20/74-11/02/77	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/20/74-11/02/77	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	11	20.	31.818	130.	20.	1096.364	33.111	20.	20.	20.	112.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	11	800.	1009.091	2200.	600.	216909.091	465.735	620.	700.	1200.	2040.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	11	30.	38.182	120.	20.	796.364	28.22	20.	20.	40.	104.
01067	NICKEL, TOTAL (UG/L AS NI)	02/20/74-11/02/77	11	0.02	0.025	0.05	0.02	0.	0.01	0.02	0.02	0.02	0.048
01092	ZINC, TOTAL (UG/L AS ZN)	02/20/74-11/02/77	11	100.	96.364	170.	30.	2005.455	44.782	32.	60.	130.	166.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	10	720.	1381.	4500.	200.	1924321.111	1387.199	226.	475.	2425.	4330.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	10	2.857	2.959	3.653	2.301	0.174	0.417	2.337	2.677	3.383	3.633
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			909.311								
71900	MERCURY, TOTAL (UG/L AS HG)	02/20/74-11/02/77	11	0.1	0.264	1.2	0.1	0.109	0.329	0.1	0.1	0.3	1.04

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Annual Analysis for 1975 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	12	11.5	11.333	25.	0.	71.697	8.467	0.	3.75	19.25	24.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	12	610.	600.833	790.	380.	14371.97	119.883	404.	532.5	675.	787.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	12	9.	8.858	12.	5.3	5.492	2.343	5.45	6.675	11.	12.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	12	5.95	5.95	10.	3.5	3.928	1.982	3.59	4.25	7.525	9.4
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	12	36.	34.25	52.	14.	102.023	10.101	16.1	27.5	40.5	49.
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	3	8.	7.6	8.	6.8	0.48	0.693	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	3	8.	7.226	8.	6.8	0.69	0.831	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	3	0.01	0.059	0.158	0.01	0.007	0.086	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	11	7.2	7.3	8.2	6.6	0.272	0.522	6.64	6.8	7.7	8.18
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	11	7.2	7.078	8.2	6.6	0.326	0.571	6.64	6.8	7.7	8.18
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	11	0.063	0.083	0.251	0.006	0.006	0.077	0.007	0.02	0.158	0.233
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	12	34.5	49.583	130.	15.	1370.265	37.017	17.1	28.	52.	127.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/67-11/09/76	12	11.	14.583	36.	5.	82.629	9.09	5.3	8.	20.	32.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	12	1.15	1.175	2.	0.2	0.317	0.563	0.26	0.825	1.5	2.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	12	1.85	1.9	3.5	0.7	1.065	1.032	0.7	0.925	2.925	3.41
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	12	0.255	0.284	0.55	0.15	0.013	0.114	0.156	0.203	0.36	0.499
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	12	0.012	0.011	0.021	0.001	0.	0.007	0.001	0.003	0.017	0.021
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	12	32.	32.083	44.	13.	70.992	8.426	16.6	28.	39.	43.4
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	12	50.	48.5	63.	20.	129.364	11.374	25.4	43.5	56.75	61.2
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	12	84.5	83.75	140.	40.	697.477	26.41	42.4	67.	100.	128.
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	02/20/74-11/02/77	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/20/74-11/02/77	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	12	20.	23.333	40.	20.	42.424	6.513	20.	20.	27.5	37.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	12	1000.	1258.333	2700.	600.	488106.061	698.646	630.	900.	1200.	2700.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	12	25.	26.667	40.	20.	60.606	7.785	20.	20.	30.	40.
01067	NICKEL, TOTAL (UG/L AS NI)	02/20/74-11/02/77	12	0.02	0.021	0.03	0.02	0.	0.003	0.02	0.02	0.02	0.027
01092	ZINC, TOTAL (UG/L AS ZN)	02/20/74-11/02/77	12	50.	63.333	210.	30.	2333.333	48.305	30.	40.	60.	171.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	12	3000.	4206.667	11000.	30.	16333278.788	4041.445	39.	517.5	6925.	11000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	12	3.439	3.199	4.041	1.477	0.751	0.866	1.567	2.617	3.839	4.041
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1579.76								
71900	MERCURY, TOTAL (UG/L AS HG)	02/20/74-11/02/77	12	0.15	0.333	1.6	0.1	0.195	0.442	0.1	0.1	0.425	1.33

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Annual Analysis for 1976 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	10	15.	13.4	23.	1.	53.6	7.321	1.4	6.5	20.	22.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	10	635.	621.	880.	410.	19165.556	138.44	415.	512.5	697.5	867.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	10	6.	7.2	14.8	4.	10.089	3.176	4.04	5.225	8.75	14.24
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	10	4.6	6.61	14.	2.5	15.645	3.955	2.6	3.875	10.275	13.8
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	10	30.5	30.6	45.	17.	64.711	8.044	17.6	24.5	35.25	44.4
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	8	7.15	7.075	7.5	6.5	0.096	0.311	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	8	7.147	6.968	7.5	6.5	0.11	0.331	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	8	0.071	0.108	0.316	0.032	0.009	0.093	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	9	7.4	7.411	7.6	7.1	0.044	0.209	7.1	7.2	7.6	7.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	9	7.4	7.364	7.6	7.1	0.046	0.215	7.1	7.2	7.6	7.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	9	0.04	0.043	0.079	0.025	0.001	0.022	0.025	0.025	0.065	0.079
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	10	35.	38.5	110.	5.	791.611	28.136	6.3	22.5	44.25	103.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/67-11/09/76	10	8.	7.9	18.	1.	24.989	4.999	1.2	3.	11.25	17.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	10	1.	1.44	3.6	0.3	1.4	1.183	0.33	0.75	2.025	3.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	9	1.	0.944	1.4	0.2	0.143	0.378	0.2	0.7	1.3	1.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	10	1.3	1.39	2.7	0.3	0.665	0.816	0.3	0.825	2.	2.69
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	10	0.295	0.497	1.4	0.2	0.228	0.477	0.204	0.248	0.59	1.4
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	10	0.003	0.004	0.011	0.001	0.	0.004	0.001	0.002	0.008	0.011
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	10	33.	35.6	59.	20.	147.6	12.149	20.3	26.	44.5	57.7
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	10	48.	49.6	83.	32.	235.822	15.357	32.	35.75	58.25	80.9
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	10	85.	81.9	115.	60.	265.211	16.285	60.2	65.	88.5	112.5
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	02/20/74-11/02/77	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/20/74-11/02/77	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	10 ##	5.	13.	70.	5.	423.333	20.575	5.	5.	8.75	65.
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	10 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	10	1000.	1170.	3000.	300.	560111.111	748.406	340.	700.	1400.	2870.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	10	35.	38.	60.	20.	262.222	16.193	20.	20.	52.5	60.
01067	NICKEL, TOTAL (UG/L AS NI)	02/20/74-11/02/77	10 ##	15.	17.	40.	10.	90.	9.487	10.	10.	20.	38.
01092	ZINC, TOTAL (UG/L AS ZN)	02/20/74-11/02/77	10	50.	50.	80.	10.	533.333	23.094	12.	30.	72.5	80.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	10	3250.	3689.	8800.	20.	8466454.444	2909.717	25.	1142.5	6525.	8580.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	10	3.511	3.196	3.944	1.301	0.799	0.894	1.355	2.843	3.815	3.932
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1571.59								
71900	MERCURY, TOTAL (UG/L AS HG)	02/20/74-11/02/77	10 ##	0.05	0.065	0.1	0.05	0.001	0.024	0.05	0.05	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	9	16.	16.556	27.	5.	48.778	6.984	5.	11.	22.	27.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	10	825.	779.	880.	600.	10365.556	101.811	602.	695.	850.	880.

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Annual Analysis for 1977 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	10	8.85	8.54	12.4	4.8	8.389	2.896	4.85	5.45	11.175	12.39
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	10	7.65	9.18	21.	2.5	29.262	5.409	2.67	5.775	12.5	20.3
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	10	38.	40.9	63.	32.	90.767	9.527	32.1	33.75	45.25	61.6
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.4	7.411	8.	6.7	0.154	0.392	6.7	7.2	7.75	8.
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.4	7.253	8.	6.7	0.182	0.426	6.7	7.2	7.75	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	9	0.04	0.056	0.2	0.01	0.003	0.057	0.01	0.019	0.063	0.2
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	10	7.35	7.38	7.8	7.	0.053	0.23	7.02	7.275	7.475	7.79
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	10	7.347	7.329	7.8	7.	0.056	0.236	7.02	7.275	7.475	7.79
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	10	0.045	0.047	0.1	0.016	0.001	0.023	0.016	0.035	0.053	0.096
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	10	42.5	41.6	64.	19.	220.044	14.834	19.1	29.	52.5	63.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	10	1.6	1.79	3.5	0.6	0.834	0.913	0.64	1.075	2.575	3.43
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	2	1.5	1.5	1.8	1.2	0.18	0.424	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	9	1.5	1.611	3.2	0.3	1.181	1.087	0.3	0.5	2.75	3.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	10	0.375	0.387	0.72	0.2	0.03	0.173	0.202	0.22	0.543	0.703
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	10	0.003	0.005	0.023	0.001	0.	0.007	0.001	0.001	0.005	0.021
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	10	65.5	68.3	110.	54.	242.9	15.585	54.3	60.	70.	106.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	10	94.	93.7	180.	32.	1383.567	37.196	36.1	75.25	102.5	173.
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	02/20/74-11/02/77	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/20/74-11/02/77	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	10 ##	5.	16.	110.	5.	1093.333	33.066	5.	5.	6.25	100.
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	10 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	10	1100.	1110.	1500.	600.	58777.778	242.441	640.	1000.	1300.	1480.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	10	20.	22.	40.	10.	106.667	10.328	10.	10.	30.	39.
01067	NICKEL, TOTAL (UG/L AS NI)	02/20/74-11/02/77	10 ##	10.	11.	20.	10.	10.	3.162	10.	10.	10.	19.
01092	ZINC, TOTAL (UG/L AS ZN)	02/20/74-11/02/77	9 ##	10.	13.333	20.	10.	25.	5.	10.	10.	20.	20.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	9	690.	7451.667	40000.	5.	185680025.	13626.446	5.	130.	11600.	40000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	9	2.839	2.897	4.602	0.699	1.554	1.247	0.699	1.972	3.951	4.602
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			789.091								
71900	MERCURY, TOTAL (UG/L AS HG)	02/20/74-11/02/77	10 ##	0.05	0.06	0.1	0.05	0.	0.021	0.05	0.05	0.063	0.1

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Annual Analysis for 1978 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	9	18.	17.222	27.	2.	75.194	8.671	2.	11.	25.	27.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	9	730.	695.556	860.	440.	15627.778	125.011	440.	625.	770.	860.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	9	6.4	7.111	10.5	4.5	4.576	2.139	4.5	5.1	9.15	10.5
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	9	6.5	7.256	14.	3.6	9.898	3.146	3.6	5.1	9.2	14.
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	9	32.	32.556	40.	21.	33.778	5.812	21.	30.	38.	40.
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.4	7.433	7.8	7.1	0.05	0.224	7.1	7.25	7.6	7.8
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.4	7.384	7.8	7.1	0.053	0.23	7.1	7.25	7.6	7.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	9	0.04	0.041	0.079	0.016	0.	0.02	0.016	0.026	0.057	0.079
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	9	7.4	7.433	7.7	7.2	0.035	0.187	7.2	7.25	7.6	7.7
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	9	7.4	7.399	7.7	7.2	0.036	0.191	7.2	7.25	7.6	7.7
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	9	0.04	0.04	0.063	0.02	0.	0.016	0.02	0.026	0.057	0.063
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	9	30.	41.111	94.	15.	795.861	28.211	15.	20.5	62.	94.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	9	1.	1.289	3.1	0.6	0.666	0.816	0.6	0.7	1.8	3.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	9	1.6	1.633	2.6	0.8	0.493	0.702	0.8	0.95	2.35	2.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	9	0.25	0.262	0.44	0.13	0.009	0.094	0.13	0.19	0.325	0.44
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	9 ##	0.001	0.002	0.006	0.001	0.	0.002	0.001	0.001	0.003	0.006
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	9	57.	56.222	75.	37.	112.444	10.604	37.	50.5	63.	75.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	9	88.	85.444	100.	53.	201.528	14.196	53.	80.5	96.	100.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	9 ##	5.	13.889	60.	5.	367.361	19.167	5.	5.	17.5	60.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	9	900.	911.111	1700.	100.	236111.111	485.913	100.	550.	1300.	1700.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	9 ##	10.	16.667	40.	10.	175.	13.229	10.	10.	25.	40.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	9	970.	1463.333	3600.	140.	1751875.	1323.584	140.	230.	2700.	3600.

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Annual Analysis for 1978 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	9	2.987	2.921	3.556	2.146	0.296	0.544	2.146	2.36	3.431	3.556
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			834.467								

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Annual Analysis for 1979 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	10	13.	13.6	25.	1.	64.044	8.003	1.4	6.5	21.5	24.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	10	750.	759.	1100.	440.	27743.333	166.563	463.	692.5	840.	1074.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	10	8.6	8.24	14.	3.	11.767	3.43	3.13	5.2	10.6	13.72
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	10	4.95	5.9	11.	1.9	10.373	3.221	1.98	2.85	9.175	10.87
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	10	35.5	34.3	46.	22.	63.344	7.959	22.2	26.25	40.25	45.5
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	8	7.5	7.613	8.5	7.4	0.138	0.372	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	8	7.5	7.528	8.5	7.4	0.147	0.383	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	8	0.032	0.03	0.04	0.003	0.	0.013	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	10	7.65	7.5	8.	6.5	0.198	0.445	6.55	7.3	7.8	7.98
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	10	7.647	7.226	8.	6.5	0.281	0.53	6.55	7.3	7.8	7.98
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	10	0.023	0.059	0.316	0.01	0.009	0.094	0.011	0.016	0.055	0.295
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	10	33.	32.4	62.	8.	286.267	16.919	8.5	13.75	44.	60.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	10	0.9	1.31	3.5	0.5	0.925	0.962	0.51	0.675	1.875	3.39
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	10	1.55	1.77	4.	0.2	1.827	1.352	0.21	0.675	2.95	3.97
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	10	0.285	0.477	1.1	0.18	0.121	0.348	0.183	0.218	0.813	1.09
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	10	0.005	0.006	0.019	0.005	0.	0.004	0.005	0.005	0.005	0.018
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	10	55.	57.3	78.	41.	102.678	10.133	42.	51.75	63.25	76.9
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	10	89.	94.2	140.	81.	292.4	17.1	81.2	84.5	96.25	136.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	10	10.	11.	20.	10.	10.	3.162	10.	10.	10.	19.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	10	900.	950.	1400.	500.	102777.778	320.59	510.	675.	1250.	1400.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	10	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	10	1820.	4800.	24000.	180.	53134377.778	7289.333	189.	397.5	6825.	22410.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	10	3.202	3.238	4.38	2.255	0.487	0.698	2.273	2.59	3.832	4.333
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1730.517								

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Annual Analysis for 1980 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	10	16.5	14.6	24.	3.	79.6	8.922	3.	4.5	22.5	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	4	180.	211.	400.	84.	18190.667	134.873	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	9	727.	739.889	980.	590.	15216.111	123.354	590.	640.	826.	980.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	10	7.1	7.62	11.	2.7	8.162	2.857	2.86	5.725	10.9	10.99
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	10	4.65	5.67	11.	1.1	8.367	2.893	1.37	3.95	8.175	10.77
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	10	33.	33.4	50.	24.	50.489	7.106	24.3	28.5	35.75	48.8
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	10	7.3	7.29	7.4	7.1	0.012	0.11	7.11	7.2	7.4	7.4
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	10	7.3	7.277	7.4	7.1	0.012	0.111	7.11	7.2	7.4	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	10	0.05	0.053	0.079	0.04	0.	0.014	0.04	0.04	0.063	0.078
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	9	7.2	7.156	7.6	6.9	0.053	0.23	6.9	6.9	7.25	7.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	9	7.2	7.106	7.6	6.9	0.056	0.236	6.9	6.9	7.25	7.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	9	0.063	0.078	0.126	0.025	0.001	0.038	0.025	0.057	0.126	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	10	200.	192.8	238.	100.	1890.844	43.484	103.4	177.5	226.5	237.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	9	28.	34.444	90.	10.	538.528	23.206	10.	21.5	42.	90.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	10	1.6	1.87	4.3	0.4	1.313	1.146	0.47	1.175	2.4	4.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	10	2.5	2.79	5.2	1.6	1.101	1.049	1.65	2.1	3.325	5.05
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	10	1.25	1.77	4.1	0.5	1.373	1.172	0.55	1.	2.375	4.04

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Annual Analysis for 1980 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	9	0.31	0.349	0.68	0.13	0.032	0.178	0.13	0.215	0.475	0.68
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/19/80-06/19/85	8	11.9	12.35	20.1	6.9	13.514	3.676	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	10	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	10	317.	301.4	344.	180.	2330.711	48.277	189.6	279.	334.	343.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	10	62.	61.8	71.	50.	45.067	6.713	50.2	58.	66.75	70.8
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	9	86.	87.556	110.	62.	196.028	14.001	62.	80.	99.5	110.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	10	10.	13.	40.	10.	90.	9.487	10.	10.	10.	37.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	10	740.	857.	1600.	590.	95934.444	309.733	595.	640.	1025.	1550.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	10	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	10	200.	1370.	5000.	10.	3827777.778	1956.471	10.	10.	3550.	4900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	10	2.296	2.338	3.699	1.	1.179	1.086	1.	1.	3.549	3.689
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			217.717								

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Annual Analysis for 1981 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	11	11.	13.273	26.	2.	71.018	8.427	2.4	5.	23.	25.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	11	300.	417.364	999.	62.	124382.855	352.68	63.6	100.	720.	987.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	11	640.	645.455	950.	480.	23307.273	152.667	484.	510.	770.	926.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	11	7.9	8.318	10.9	5.7	3.242	1.8	5.74	7.1	10.	10.86
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	11	4.	4.609	8.6	1.1	4.631	2.152	1.42	2.8	6.6	8.2
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	10	33.5	35.3	50.	25.	64.678	8.042	25.2	27.75	41.	49.4
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	11	7.4	7.445	7.9	7.	0.055	0.234	7.06	7.3	7.6	7.84
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	11	7.4	7.389	7.9	7.	0.058	0.241	7.06	7.3	7.6	7.84
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	11	0.04	0.041	0.1	0.013	0.001	0.023	0.015	0.025	0.05	0.09
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	11	7.3	7.309	7.8	7.	0.063	0.251	7.	7.1	7.4	7.76
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	11	7.3	7.249	7.8	7.	0.067	0.259	7.	7.1	7.4	7.76
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	11	0.05	0.056	0.1	0.016	0.001	0.029	0.018	0.04	0.079	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	11	164.	182.909	248.	136.	1747.491	41.803	136.8	144.	224.	244.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	11	39.	56.909	166.	11.	2232.091	47.245	12.6	21.	82.	154.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	10	1.	1.32	3.4	0.6	0.711	0.843	0.61	0.775	1.7	3.26
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	10	2.05	2.31	4.6	1.4	0.901	0.949	1.42	1.6	2.825	4.43
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	10	1.95	2.1	3.	1.	0.48	0.693	1.05	1.575	2.9	2.99
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	10	0.285	0.283	0.43	0.11	0.011	0.107	0.115	0.19	0.39	0.429
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/19/80-06/19/85	10	13.1	13.8	18.8	10.1	8.256	2.873	10.15	11.725	16.05	18.66
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	10	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	11	256.	274.909	368.	208.	3347.491	57.858	210.4	224.	316.	366.4
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	11	45.	45.182	75.	16.	317.164	17.809	19.	32.	58.	74.2
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	11	81.	78.455	120.	51.	454.273	21.314	52.6	61.	85.	118.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	10	1300.	1497.	3700.	590.	954223.333	976.844	593.	650.	1975.	3580.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	10	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	11	3800.	4911.818	12000.	10.	19557496.364	4422.386	112.	1000.	8000.	12000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	11	3.58	3.323	4.079	1.	0.787	0.887	1.343	3.	3.903	4.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2102.029								

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Annual Analysis for 1982 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	9	14.	12.667	25.	1.	57.75	7.599	1.	5.5	18.	25.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	8	41.	57.75	160.	14.	2337.643	48.349	**	**	**	**

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Annual Analysis for 1982 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	9	720.	697.778	820.	530.	6494.444	80.588	530.	655.	735.	820.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	9	6.7	6.589	9.	4.5	1.874	1.369	4.5	5.4	7.35	9.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	9	6.1	8.111	15.	2.2	21.181	4.602	2.2	5.35	13.5	15.
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	9	33.	34.	45.	27.	41.	6.403	27.	28.5	40.	45.
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.6	7.578	7.7	7.5	0.007	0.083	7.5	7.5	7.65	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.6	7.571	7.7	7.5	0.007	0.084	7.5	7.5	7.65	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	9	0.025	0.027	0.032	0.02	0.	0.005	0.02	0.023	0.032	0.032
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	9	7.5	7.467	7.8	7.	0.06	0.245	7.	7.3	7.65	7.8
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	9	7.5	7.4	7.8	7.	0.065	0.255	7.	7.3	7.65	7.8
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	9	0.032	0.04	0.1	0.016	0.001	0.026	0.016	0.023	0.051	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	9	188.	177.444	206.	130.	901.278	30.021	130.	146.5	202.	206.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	9	33.	43.333	120.	18.	927.	30.447	18.	29.5	46.5	120.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	9	1.5	1.322	2.	0.6	0.252	0.502	0.6	0.85	1.75	2.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	9	2.4	2.411	3.	1.7	0.224	0.473	1.7	2.	2.95	3.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	9	1.7	1.667	3.	0.6	0.553	0.743	0.6	1.	2.15	3.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	9	0.32	0.402	0.69	0.22	0.03	0.174	0.22	0.27	0.565	0.69
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/19/80-06/19/85	9	9.3	9.589	11.9	8.5	1.159	1.076	8.5	8.9	10.25	11.9
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	9	0.005	0.006	0.009	0.005	0.	0.001	0.005	0.005	0.006	0.009
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	9	296.	279.222	316.	205.	1622.444	40.28	205.	252.	301.	316.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	9	65.	65.	94.	48.	159.	12.61	48.	58.5	68.	94.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	9	85.	88.222	110.	54.	528.194	22.982	54.	67.5	110.	110.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	9	10.	10.556	15.	10.	2.778	1.667	10.	10.	10.	15.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	9	1500.	1872.222	5900.	860.	2426594.444	1557.753	860.	995.	1850.	5900.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	9	10.	11.111	20.	10.	11.111	3.333	10.	10.	10.	20.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	9	2500.	11598.889	71000.	190.	508438511.111	22548.581	190.	1650.	9650.	71000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	9	3.398	3.555	4.851	2.279	0.515	0.718	2.279	3.181	3.984	4.851
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3588.53								

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Annual Analysis for 1983 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	9	16.	14.	26.	4.	75.25	8.675	4.	4.5	22.	26.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	9	32.	39.556	82.	14.	622.778	24.956	14.	25.	60.	82.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	9	690.	662.222	800.	480.	10719.444	103.535	480.	580.	735.	800.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	9	6.1	6.367	7.6	4.8	0.89	0.943	4.8	5.7	7.35	7.6
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	9	4.2	3.989	4.8	2.4	0.541	0.736	2.4	3.55	4.5	4.8
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	9	28.	29.	34.	24.	9.5	3.082	24.	27.	31.5	34.
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	8	7.6	7.588	7.7	7.5	0.004	0.064	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	8	7.6	7.583	7.7	7.5	0.004	0.064	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	8	0.025	0.026	0.032	0.02	0.	0.004	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	9	7.5	7.467	7.6	7.4	0.005	0.071	7.4	7.4	7.5	7.6
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	9	7.5	7.462	7.6	7.4	0.005	0.071	7.4	7.4	7.5	7.6
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	9	0.032	0.035	0.04	0.025	0.	0.005	0.025	0.032	0.04	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	9	186.	183.222	212.	136.	567.944	23.832	136.	168.	203.	212.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	9	31.	40.	88.	17.	537.	23.173	17.	23.	56.	88.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	9	0.5	0.567	1.	0.2	0.085	0.292	0.2	0.3	0.85	1.
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	9	1.6	1.511	1.8	1.1	0.054	0.232	1.1	1.35	1.7	1.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	9	1.8	2.078	3.2	1.	0.552	0.743	1.	1.6	2.85	3.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	9	0.24	0.26	0.41	0.13	0.009	0.096	0.13	0.19	0.35	0.41
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/19/80-06/19/85	9	9.2	9.167	11.4	7.2	1.338	1.157	7.2	8.65	9.75	11.4
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	9	0.005	0.007	0.015	0.005	0.	0.003	0.005	0.005	0.008	0.015
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	9	294.	291.	336.	238.	769.5	27.74	238.	275.	306.	336.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	9	54.	54.333	62.	49.	18.25	4.272	49.	50.5	57.5	62.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	9	87.	87.111	110.	68.	154.611	12.434	68.	78.	95.	110.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	9	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.

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Annual Analysis for 1983 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	9	1300.	1646.667	4600.	770.	1388975.	1178.548	770.	925.	1850.	4600.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	9	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	9	880.	2181.111	9600.	10.	10391036.111	3223.513	10.	45.	3750.	9600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	9	2.944	2.632	3.982	1.	1.204	1.097	1.	1.452	3.544	3.982
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			428.196								

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Annual Analysis for 1984 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	11	15.	13.545	25.	4.	73.273	8.56	4.	4.	23.	24.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	10	32.5	40.5	134.	8.	1259.611	35.491	8.7	21.	43.5	126.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	11	690.	684.545	790.	570.	4667.273	68.317	578.	640.	750.	786.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	11	7.3	7.555	11.3	3.8	5.681	2.383	4.16	5.8	9.9	11.26
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	11	3.	3.527	6.6	1.9	2.082	1.443	1.92	2.4	4.7	6.3
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	11	30.	30.091	36.	24.	14.291	3.78	24.	28.	33.	35.6
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.6	7.522	8.	6.6	0.164	0.406	6.6	7.4	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.6	7.294	8.	6.6	0.223	0.472	6.6	7.4	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	9	0.025	0.051	0.251	0.01	0.006	0.076	0.01	0.016	0.04	0.251
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	11	7.4	7.373	7.7	7.1	0.028	0.168	7.12	7.3	7.4	7.68
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	11	7.4	7.345	7.7	7.1	0.029	0.17	7.12	7.3	7.4	7.68
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	11	0.04	0.045	0.079	0.02	0.	0.016	0.021	0.04	0.05	0.076
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	11	180.	173.182	210.	120.	874.964	29.58	123.8	140.	200.	208.4
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	11	37.	37.545	80.	2.	394.673	19.866	5.	26.	46.	74.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	11	0.3	0.359	0.6	0.05	0.033	0.183	0.06	0.3	0.5	0.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	11	1.5	1.545	1.9	1.3	0.035	0.186	1.32	1.4	1.7	1.88
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	11	2.8	2.618	3.9	1.4	0.846	0.92	1.42	1.6	3.5	3.84
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	11	0.21	0.212	0.34	0.09	0.006	0.08	0.096	0.15	0.26	0.338
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/19/80-06/19/85	11	8.7	8.327	10.8	2.7	5.592	2.365	3.5	6.9	10.2	10.78
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	11	0.005	0.025	0.208	0.003	0.004	0.061	0.003	0.005	0.012	0.169
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	11	290.	276.545	336.	110.	3830.473	61.891	136.	254.	312.	332.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	11	51.	54.	66.	42.	71.2	8.438	42.8	47.	62.	65.8
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	11	86.	85.909	120.	62.	247.491	15.732	62.8	75.	94.	115.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	11 ##	5.	7.273	10.	5.	6.818	2.611	5.	5.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	11	1300.	1706.364	3700.	470.	782245.455	884.446	596.	1100.	2200.	3480.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	11	10.	7.727	10.	5.	6.818	2.611	5.	5.	10.	10.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	11	770.	1506.364	6800.	50.	3882585.455	1970.428	64.	120.	2200.	5920.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	11	2.886	2.794	3.833	1.699	0.457	0.676	1.775	2.079	3.342	3.742
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			622.943								

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Annual Analysis for 1985 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	9	19.	17.333	26.	8.	33.	5.745	8.	12.5	21.5	26.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	9	25.	45.667	200.	10.	3513.75	59.277	10.	15.	45.	200.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	9	670.	634.444	770.	380.	16452.778	128.268	380.	540.	745.	770.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	9	8.1	7.789	12.2	4.	8.421	2.902	4.	4.7	10.35	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	9	4.3	4.933	12.	2.1	9.133	3.022	2.1	2.7	6.1	12.
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	9	26.	29.222	45.	13.	109.444	10.462	13.	22.5	39.5	45.
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	7	7.5	7.457	8.	7.	0.096	0.31	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	7	7.5	7.37	8.	7.	0.105	0.324	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	7	0.032	0.043	0.1	0.01	0.001	0.029	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	9	7.4	7.4	7.7	7.3	0.015	0.122	7.3	7.3	7.4	7.7
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	9	7.4	7.387	7.7	7.3	0.015	0.123	7.3	7.3	7.4	7.7
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	9	0.04	0.041	0.05	0.02	0.	0.009	0.02	0.04	0.05	0.05
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	9	168.	164.889	216.	98.	1223.111	34.973	98.	142.	192.	216.
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	9	503.	498.111	550.	422.	2289.861	47.852	422.	453.5	539.	550.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	9	34.	45.333	176.	12.	2530.	50.299	12.	18.	42.5	176.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	9	0.4	0.394	1.3	0.05	0.154	0.392	0.05	0.1	0.5	1.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	9	1.6	1.7	2.6	0.8	0.25	0.5	0.8	1.5	2.05	2.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	9	2.3	1.856	2.8	0.6	0.733	0.856	0.6	1.05	2.65	2.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	9	0.19	0.212	0.29	0.14	0.003	0.056	0.14	0.16	0.27	0.29
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/19/80-06/19/85	4	9.	8.825	9.9	7.4	1.509	1.228	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	9 ##	0.003	0.004	0.007	0.003	0.	0.002	0.003	0.003	0.005	0.007
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	9	264.	260.	320.	160.	2604.	51.029	160.	228.	309.	320.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	9	58.	51.778	66.	19.	209.694	14.481	19.	46.	62.	66.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	9	84.	82.111	100.	48.	241.111	15.528	48.	75.	93.5	100.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	9	1100.	2072.222	9400.	510.	7872269.444	2805.756	510.	670.	2050.	9400.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	9 ##	5.	6.111	10.	5.	4.861	2.205	5.	5.	7.5	10.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	9	210.	713.333	2300.	20.	891325.	944.1	20.	35.	1700.	2300.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	9	2.322	2.345	3.362	1.301	0.623	0.79	1.301	1.54	3.211	3.362
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			221.301								

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Annual Analysis for 1986 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	11	13.	12.636	25.	1.	76.455	8.744	1.2	2.	20.	24.6
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	11	20.	24.182	58.	8.	211.564	14.545	8.8	13.	32.	54.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	11	674.	685.091	1104.	471.	33104.291	181.946	478.8	544.	790.	1051.2
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	11	9.2	9.264	14.5	5.5	7.649	2.766	5.6	7.	10.9	14.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	6	3.55	4.583	11.	2.	10.53	3.245	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	11	31.	29.727	50.	13.	100.618	10.031	13.4	24.	34.	47.2
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	11	7.4	7.5	8.5	6.9	0.188	0.434	6.94	7.2	7.7	8.38
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	11	7.4	7.351	8.5	6.9	0.213	0.461	6.94	7.2	7.7	8.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	11	0.04	0.045	0.126	0.003	0.001	0.035	0.005	0.02	0.063	0.117
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	11	7.6	7.7	8.3	7.5	0.06	0.245	7.5	7.5	7.9	8.22
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	11	7.6	7.651	8.3	7.5	0.063	0.25	7.5	7.5	7.9	8.22
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	11	0.025	0.022	0.032	0.005	0.	0.009	0.007	0.013	0.032	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	11	182.	188.545	236.	158.	516.873	22.735	159.2	176.	208.	231.6
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	11	534.	540.182	653.	453.	3856.764	62.103	460.2	489.	602.	644.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	11	23.	26.545	64.	8.	305.473	17.478	8.2	10.	38.	59.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	11	0.3	0.364	1.2	0.05	0.106	0.326	0.05	0.1	0.4	1.08
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	11	2.6	2.518	3.4	0.7	0.574	0.757	0.94	2.3	3.1	3.38
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	11	0.2	0.189	0.29	0.11	0.002	0.047	0.116	0.15	0.21	0.274
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	11 ##	0.003	0.006	0.015	0.003	0.	0.005	0.003	0.003	0.01	0.014
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	11	300.	299.909	364.	244.	1591.691	39.896	244.4	270.	344.	360.2
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	10	580.	1647.	9800.	30.	8670667.778	2944.6	34.	265.	1550.	9050.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	10	2.763	2.746	3.991	1.477	0.517	0.719	1.514	2.35	3.176	3.928
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			556.613								

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Annual Analysis for 1987 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	10	16.5	14.5	24.	1.	62.944	7.934	1.4	7.25	21.	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	9	14.	37.111	200.	7.	3841.861	61.983	7.	7.5	32.	200.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	10	473.	464.2	560.	368.	3670.4	60.584	370.2	415.5	514.5	556.5
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	10	7.9	8.55	15.2	4.6	12.572	3.546	4.69	5.8	10.375	15.1
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	5	4.8	4.36	5.7	2.3	1.813	1.346	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	10	29.	37.	100.	24.	516.889	22.735	24.	24.75	36.75	93.9
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.6	7.711	8.6	7.3	0.141	0.376	7.3	7.5	7.85	8.6
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.6	7.612	8.6	7.3	0.152	0.39	7.3	7.5	7.85	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	9	0.025	0.024	0.05	0.003	0.	0.014	0.003	0.014	0.032	0.05
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	10	7.6	7.57	7.9	7.1	0.056	0.236	7.12	7.45	7.725	7.89
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	10	7.6	7.507	7.9	7.1	0.06	0.245	7.12	7.45	7.725	7.89
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	10	0.025	0.031	0.079	0.013	0.	0.02	0.013	0.019	0.036	0.077
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	10	197.5	190.5	230.	148.	1073.167	32.759	148.	157.	223.	229.6
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	10	556.5	521.2	659.	404.	7626.178	87.328	405.3	427.5	580.75	651.7
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	10	23.	50.	280.	11.	6694.667	81.821	11.1	14.25	39.75	257.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	10	0.5	0.465	0.8	0.05	0.04	0.2	0.075	0.375	0.6	0.78
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	10	2.	1.98	3.6	0.8	0.782	0.884	0.83	1.25	2.45	3.56
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	10	0.17	0.278	1.3	0.1	0.131	0.362	0.102	0.128	0.218	1.194
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	9 ##	0.003	0.004	0.007	0.003	0.	0.002	0.003	0.003	0.006	0.007
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	10	294.	289.	378.	228.	3315.778	57.583	228.	229.5	336.	374.4
00910	CALCIUM (MG/L AS CACO3)	02/18/87-07/27/92	10	167.	177.4	214.	144.	1080.044	32.864	144.2	146.	214.	214.
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/18/87-05/19/92	8	7.5	6.	10.	1.	12.	3.464	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	10	1250.	3283.	12000.	40.	17206667.778	4148.092	58.	220.	6325.	11650.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	10	3.088	3.03	4.079	1.602	0.658	0.811	1.676	2.342	3.793	4.064
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1070.368								

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Annual Analysis for 1988 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	12	13.	13.417	29.	-1.	88.811	9.424	2.9	5.	21.25	28.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	7	16.	25.714	68.	14.	383.238	19.576	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	12	603.	631.917	890.	406.	25947.356	161.082	431.2	510.	797.5	888.8
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	12	8.65	8.642	11.5	6.6	2.239	1.496	6.69	7.525	9.5	11.23
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	6	4.3	3.7	5.9	0.5	4.604	2.146	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	12	32.5	31.167	42.	22.	35.97	5.997	22.6	26.	34.	41.1
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	12	7.7	7.675	8.4	7.2	0.115	0.339	7.23	7.4	7.875	8.28
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	12	7.7	7.57	8.4	7.2	0.127	0.356	7.23	7.4	7.875	8.28
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	12	0.02	0.027	0.063	0.004	0.	0.018	0.006	0.013	0.04	0.059
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	12	7.65	7.65	7.9	7.4	0.014	0.117	7.46	7.6	7.7	7.84
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	12	7.647	7.636	7.9	7.4	0.014	0.118	7.46	7.6	7.7	7.84
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	12	0.023	0.023	0.04	0.013	0.	0.006	0.015	0.02	0.025	0.035
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	185.	191.	236.	158.	643.818	25.374	159.8	166.5	214.5	231.8
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	12	541.5	541.333	681.	477.	3062.061	55.336	478.8	499.25	565.75	651.3
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	12	29.5	32.333	54.	12.	167.697	12.95	14.1	21.75	40.75	53.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	12	0.35	0.417	0.9	0.2	0.038	0.195	0.23	0.3	0.55	0.81
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	12	2.	2.092	3.7	0.6	1.183	1.087	0.66	1.025	3.15	3.58
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	12	0.25	0.746	4.3	0.1	1.664	1.29	0.118	0.165	0.325	3.742
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	12 ##	0.003	0.003	0.009	0.003	0.	0.002	0.003	0.003	0.003	0.007
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	308.	317.25	408.	270.	1419.841	37.681	274.8	292.25	342.	388.8
00910	CALCIUM (MG/L AS CACO3)	02/18/87-07/27/92	12	194.	190.583	262.	140.	1113.902	33.375	143.6	161.	210.	248.8
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/18/87-05/19/92	11	8.	7.136	11.	0.5	9.205	3.034	1.2	5.	10.	10.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	3	1400.	1233.333	1900.	400.	583333.333	763.763	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	3	3.146	3.009	3.279	2.602	0.129	0.359	**	**	**	**

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Annual Analysis for 1988 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1020.894								
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	9	530.	2732.222	11000.	10.	16586094.444	4072.603	10.	35.	6050.	11000.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	9	2.724	2.563	4.041	1.	1.367	1.169	1.	1.389	3.767	4.041
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			365.581								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	11	15.6	14.645	27.9	0.9	77.865	8.824	0.92	10.2	20.7	27.32
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	6	9.6	10.367	18.	4.8	23.783	4.877	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	11	720.	725.909	895.	561.	9402.891	96.969	577.6	664.	778.	889.8
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	11	8.8	9.382	14.7	4.9	9.19	3.031	5.26	6.9	12.9	14.36
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	5	4.8	4.16	6.1	1.2	4.303	2.074	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	11	36.	35.364	50.	24.	47.655	6.903	25.	31.	38.	48.4
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	11	7.53	7.648	8.5	7.3	0.128	0.357	7.3	7.4	7.9	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	11	7.53	7.552	8.5	7.3	0.138	0.371	7.3	7.4	7.9	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	11	0.03	0.028	0.05	0.003	0.	0.015	0.005	0.013	0.04	0.05
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	11	7.9	7.855	8.1	7.5	0.033	0.181	7.54	7.7	8.	8.1
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	11	7.9	7.819	8.1	7.5	0.034	0.185	7.54	7.7	8.	8.1
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	11	0.013	0.015	0.032	0.008	0.	0.007	0.008	0.01	0.02	0.029
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	11	214.	208.	260.	122.	1284.8	35.844	132.8	202.	222.	256.8
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	11	557.	530.636	672.	167.	17382.855	131.844	230.	514.	612.	661.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	11	34.	32.455	62.	6.	241.073	15.527	8.2	19.	44.	59.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	11	0.3	0.255	0.7	0.05	0.04	0.201	0.05	0.1	0.4	0.64
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	10	1.65	1.57	2.	0.6	0.151	0.389	0.68	1.4	1.8	1.98
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	11	1.2	1.873	4.9	0.5	2.008	1.417	0.52	0.9	3.	4.66
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	11	0.22	0.572	4.18	0.11	1.436	1.198	0.118	0.16	0.29	3.404
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	11 ##	0.003	0.003	0.005	0.003	0.	0.001	0.003	0.003	0.003	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	11	324.	324.909	402.	252.	1604.291	40.054	260.4	300.	354.	394.4
00910	CALCIUM (MG/L AS CACO3)	02/18/87-07/27/92	11	208.	213.091	272.	150.	1085.091	32.941	156.	204.	234.	268.4
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	11	47.	47.091	63.	35.	65.091	8.068	35.4	40.	51.	61.4
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	10	77.	77.8	100.	59.	119.511	10.932	60.	71.25	83.25	98.7
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/18/87-05/19/92	11	7.	8.273	14.	6.	5.418	2.328	6.	7.	9.	13.2
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	11	270.	1427.273	7400.	10.	7265721.818	2695.5	18.	90.	460.	7180.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	11	2.431	2.471	3.869	1.	0.68	0.825	1.14	1.954	2.663	3.855
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			296.141								

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Annual Analysis for 1990 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	10	13.6	12.02	23.	1.8	59.095	7.687	1.94	3.8	17.675	22.85
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	4	25.	23.5	32.	12.	102.333	10.116	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	8	740.	723.375	869.	486.	15832.554	125.827	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	9	10.3	9.778	15.1	4.9	15.432	3.928	4.9	5.95	13.35	15.1
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	5	4.3	3.6	5.8	1.1	3.635	1.907	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	12	30.5	31.25	55.	21.	71.841	8.476	21.3	28.	32.75	48.7
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.57	7.459	8.29	6.68	0.206	0.453	6.68	7.11	7.645	8.29
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	9	7.57	7.255	8.29	6.68	0.252	0.502	6.68	7.11	7.645	8.29
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	9	0.027	0.056	0.209	0.005	0.004	0.063	0.005	0.023	0.078	0.209
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	12	7.8	7.767	8.4	7.3	0.064	0.253	7.39	7.625	7.8	8.25

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Annual Analysis for 1990 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	12	7.8	7.706	8.4	7.3	0.068	0.261	7.39	7.625	7.8	8.25
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	12	0.016	0.02	0.05	0.004	0.	0.011	0.007	0.016	0.024	0.043
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	199.	189.25	237.	90.	2043.659	45.207	102.	154.	222.25	234.9
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	12	527.5	527.25	629.	406.	3932.932	62.713	418.6	496.25	577.5	621.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	12	30.5	48.25	240.	11.	3832.023	61.903	14.6	24.	35.	188.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	12	0.2	0.208	0.4	0.05	0.013	0.114	0.05	0.1	0.3	0.37
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	12	1.3	1.3	2.2	0.9	0.115	0.338	0.9	1.1	1.4	1.96
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	12	2.05	2.167	4.7	0.8	1.361	1.166	0.86	1.175	2.9	4.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	12	0.165	0.178	0.45	0.1	0.009	0.093	0.1	0.12	0.195	0.378
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	12 ##	0.003	0.003	0.006	0.003	0.	0.001	0.003	0.003	0.003	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	306.	282.333	344.	122.	4076.242	63.845	146.6	261.	325.	342.2
00910	CALCIUM (MG/L AS CACO3)	02/18/87-07/27/92	12	195.	180.833	224.	80.	1602.515	40.031	98.6	156.	206.	221.6
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	12	43.	38.925	51.	8.1	155.886	12.485	12.27	34.	46.5	50.4
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	12	69.	64.417	91.	17.	402.447	20.061	23.6	54.5	77.75	87.7
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/18/87-05/19/92	12	9.05	8.992	11.3	5.5	2.354	1.534	5.95	8.625	9.925	11.09
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	11	670.	1600.909	4700.	40.	2906689.091	1704.901	50.	230.	3700.	4500.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	11	2.826	2.841	3.672	1.602	0.479	0.692	1.672	2.362	3.568	3.651
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			694.222								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	8	13.9	14.988	29.5	4.7	94.998	9.747	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	8	681.	683.375	773.	569.	5483.696	74.052	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	7	10.	10.157	16.7	6.9	11.373	3.372	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	6	2.8	3.167	7.	0.5	5.779	2.404	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	12	30.	30.25	41.	22.	29.114	5.396	22.6	25.75	33.5	39.8
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	7	7.17	7.216	7.91	6.65	0.172	0.415	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	7	7.17	7.069	7.91	6.65	0.197	0.444	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	7	0.068	0.085	0.224	0.012	0.005	0.071	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	12	7.55	7.55	8.	7.	0.077	0.278	7.06	7.4	7.775	7.94
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	12	7.547	7.464	8.	7.	0.085	0.292	7.06	7.4	7.775	7.94
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	12	0.028	0.034	0.1	0.01	0.001	0.025	0.012	0.017	0.04	0.089
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	188.5	183.667	262.	109.	1808.788	42.53	116.8	145.75	201.25	254.2
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	12	520.	528.083	618.	451.	3090.265	55.59	455.2	487.5	579.75	615.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	12	26.5	47.833	184.	8.	2575.97	50.754	9.8	16.	75.5	156.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	12	0.15	0.163	0.4	0.05	0.015	0.123	0.05	0.05	0.275	0.37
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	12	1.55	1.508	2.1	1.	0.112	0.334	1.	1.225	1.775	2.01
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	12	2.05	2.083	3.6	0.3	0.9	0.949	0.42	1.675	2.95	3.42
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	12	0.2	0.195	0.32	0.05	0.006	0.076	0.068	0.14	0.255	0.308
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	12 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	12	282.5	270.	323.	153.	2450.364	49.501	168.3	245.25	305.75	318.5
00910	CALCIUM (MG/L AS CACO3)	02/18/87-07/27/92	12	184.	172.917	204.	108.	731.72	27.05	118.2	157.5	186.75	202.8
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	12	41.5	42.5	86.	18.	308.455	17.563	20.1	33.25	46.5	78.5
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	12	66.	68.583	145.	32.	735.902	27.128	35.9	58.75	71.5	124.9
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/18/87-05/19/92	12	8.	7.308	10.	2.	6.286	2.507	2.6	5.25	9.	9.91
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	12 ##	5.	8.333	30.	5.	65.152	8.072	5.	5.	5.	27.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	12	900.	2468.333	11000.	80.	11013760.606	3318.699	110.	287.5	3850.	9650.
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	12	2.952	3.003	4.041	1.903	0.43	0.656	2.009	2.449	3.575	3.973
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			1006.454								

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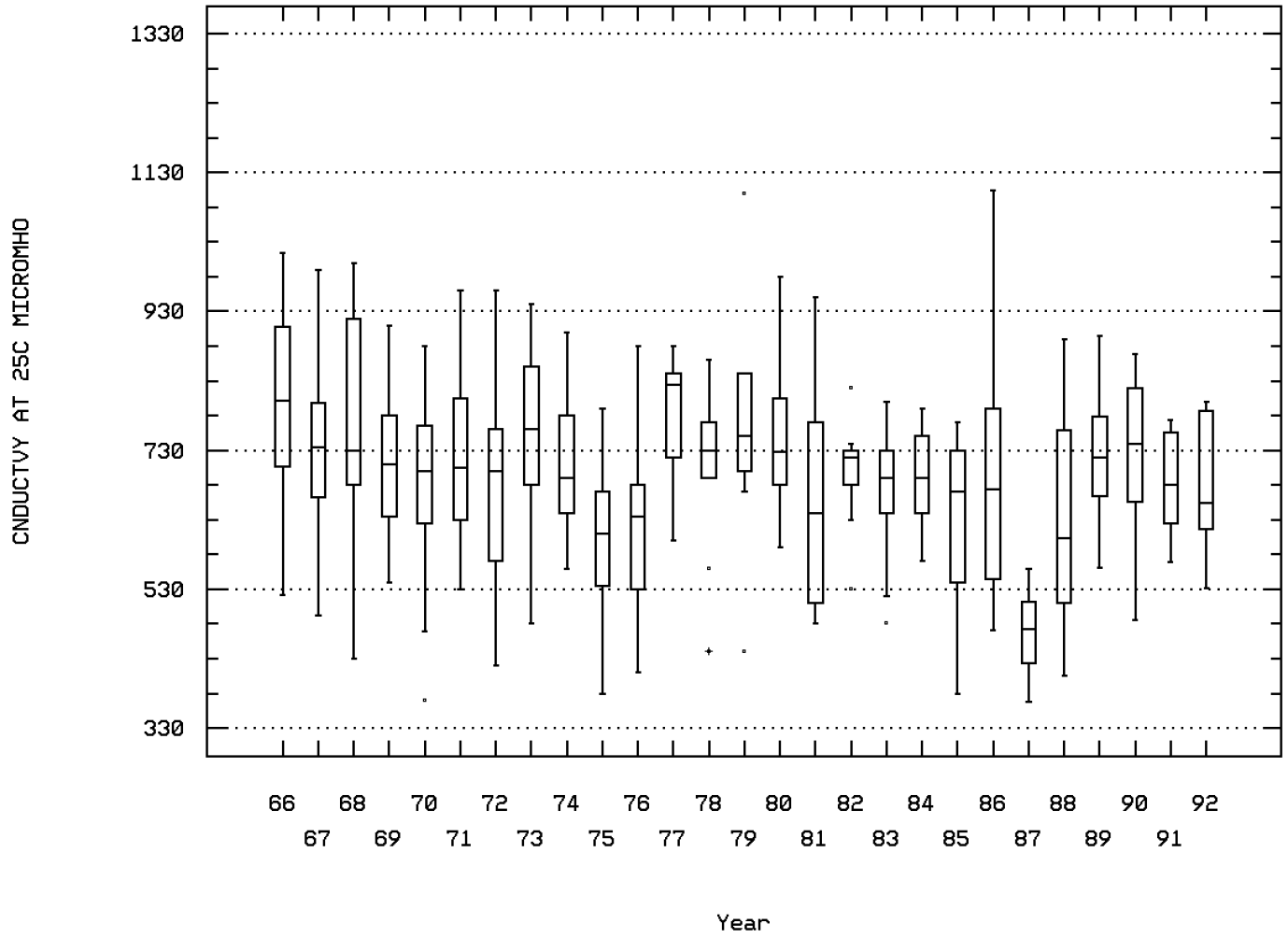
Annual Analysis for 1992 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	5	12.2	12.74	24.8	5.3	62.933	7.933	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	5	654.	677.4	799.	531.	13052.3	114.247	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	5	8.6	9.18	11.9	6.9	4.767	2.183	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	2	1.95	1.95	2.1	1.8	0.045	0.212	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	5	28.	24.4	31.	12.	56.3	7.503	**	**	**	**
00400	PH (STANDARD UNITS)	01/04/66-07/27/92	5	7.87	7.994	8.85	6.75	0.683	0.826	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	5	7.87	7.379	8.85	6.75	1.155	1.075	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	5	0.013	0.042	0.178	0.001	0.006	0.076	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	5	7.5	7.46	7.7	7.	0.083	0.288	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	5	7.5	7.374	7.7	7.	0.092	0.304	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	5	0.032	0.042	0.1	0.02	0.001	0.033	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	5	197.	195.	230.	170.	553.5	23.527	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	5	574.	558.6	609.	503.	1858.3	43.108	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	5	31.	30.	40.	19.	63.5	7.969	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	5 ##	0.05	0.13	0.3	0.05	0.013	0.115	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	5	1.1	1.202	1.6	0.9	0.109	0.329	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	5	2.3	2.	3.	0.5	1.085	1.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	5	0.1	0.138	0.25	0.08	0.005	0.072	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	5 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	5	330.	315.4	350.	260.	1277.8	35.746	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	02/18/87-07/27/92	5	202.	176.	214.	64.	3986.	63.135	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	6	48.5	48.	55.	40.	50.4	7.099	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	5	76.	68.4	97.	8.	1259.3	35.487	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/18/87-05/19/92	4	6.	5.75	8.	3.	4.917	2.217	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	6 ##	2.	3.	5.	2.	2.4	1.549	**	**	**	**
31648	E. COLI - MTEC-MF N0/100ML	04/27/88-07/27/92	4	475.	791.	2200.	14.	938390.667	968.706	**	**	**	**
31648	LOG E. COLI - MTEC-MF N0/1	04/27/88-07/27/92	4	2.664	2.454	3.342	1.146	0.87	0.933	**	**	**	**
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			284.398								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: INDU0208 Parameter Code: 00095

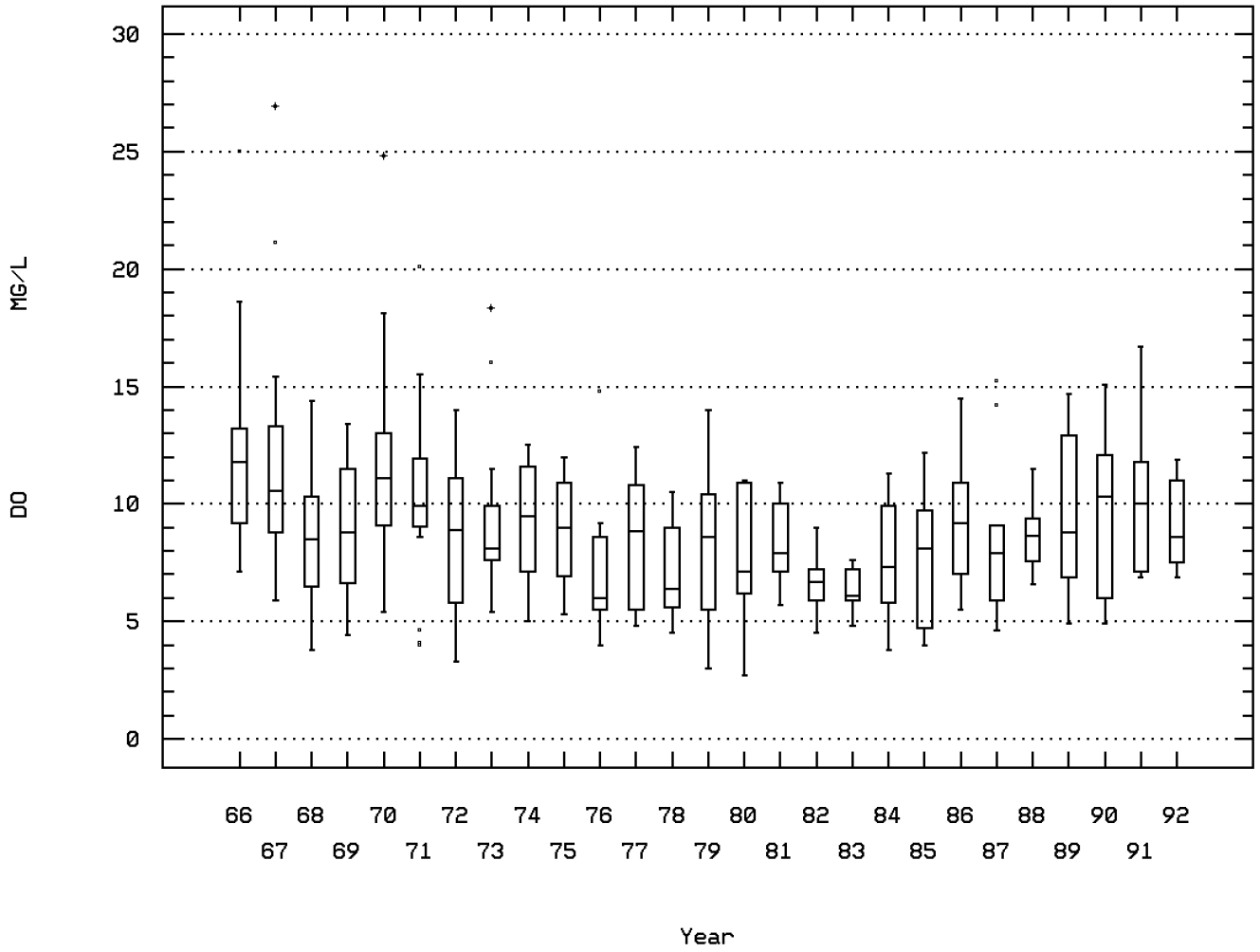
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00300

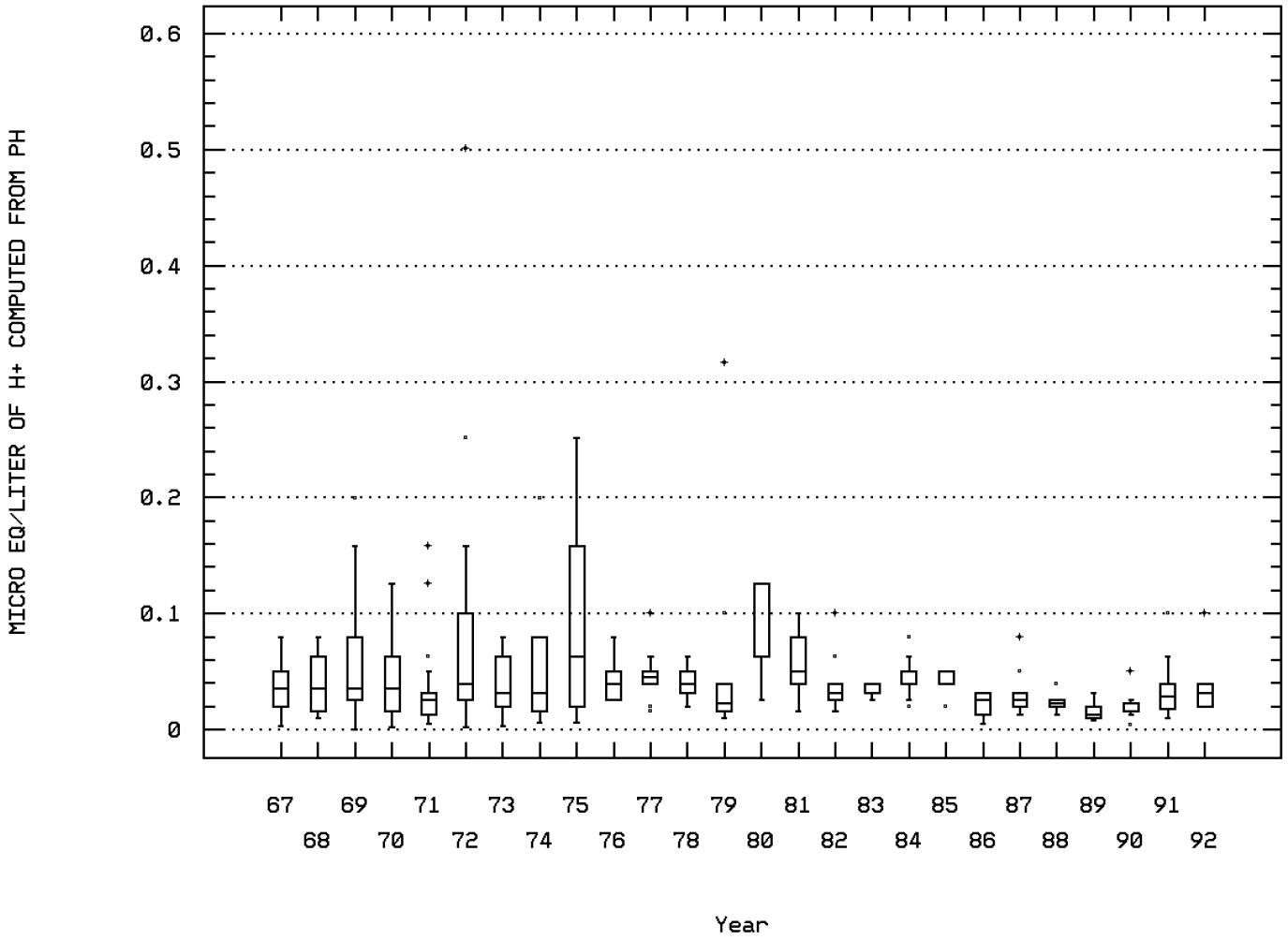
OXYGEN, DISSOLVED



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00403

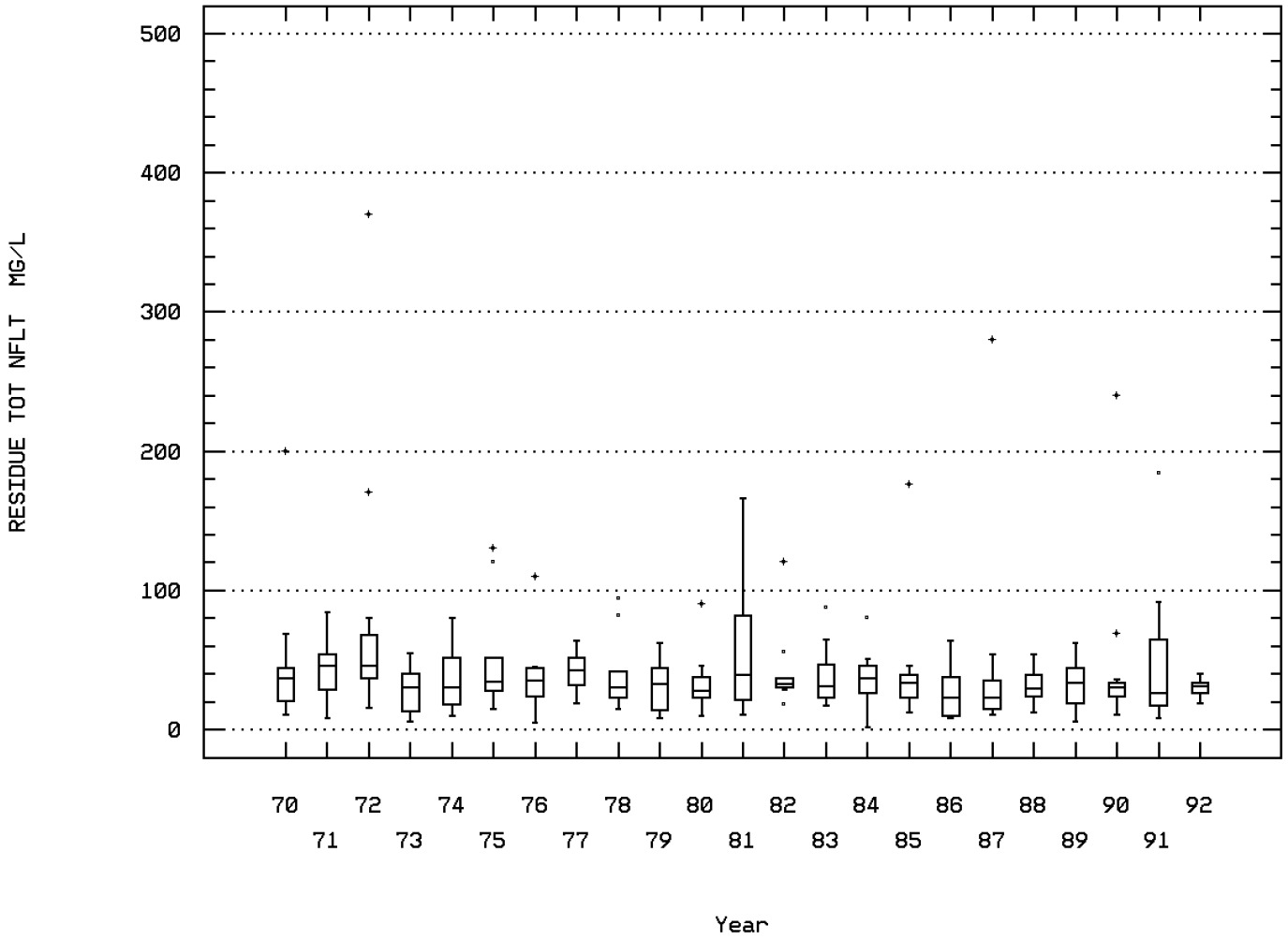
MICRO EQ/LITER OF H+ COMPUTED FROM PH



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00530

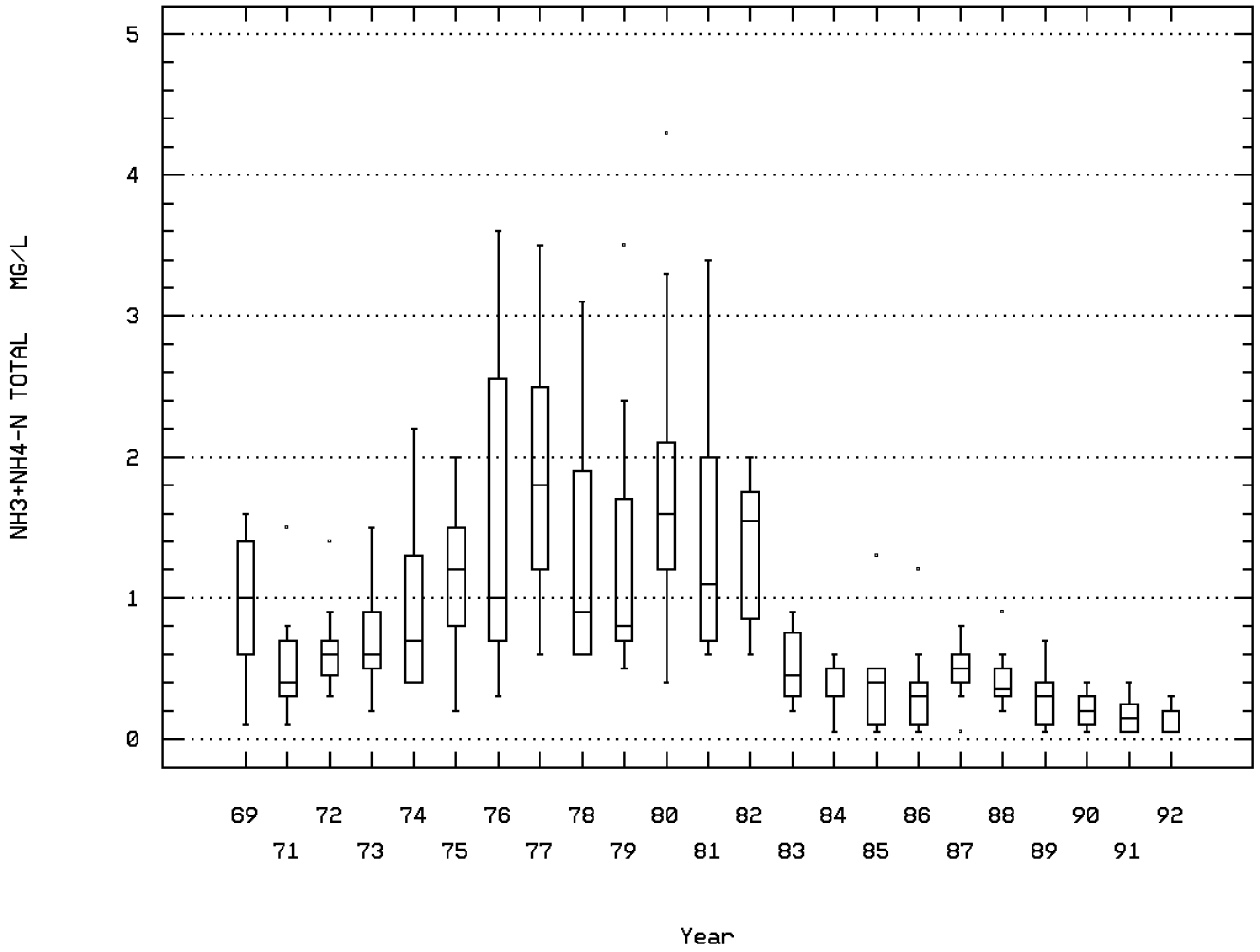
RESIDUE, TOTAL NONFILTRABLE (MG/L)



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00610

NITROGEN, AMMONIA, TOTAL (MG/L AS N)



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Seasonal Analysis for Season #1: 9/16 to 1/15 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	106	9.5	9.276	25.	0.	36.441	6.037	1.7	4.	14.625	17.24
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	35	39.	92.72	660.	4.8	19172.288	138.464	7.68	14.	90.	300.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	108	744.	732.769	1100.	368.	21277.525	145.868	519.9	652.5	820.	912.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	106	9.1	9.277	14.8	4.2	6.552	2.56	5.94	7.3	11.1	12.8
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	95	4.5	5.191	15.	0.5	9.52	3.085	1.9	2.9	6.3	10.
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	61	31.	30.197	55.	10.	55.227	7.432	22.	24.5	34.	39.
00400p	PH (STANDARD UNITS)	01/04/66-07/27/92	74	7.6	7.608	8.7	6.68	0.131	0.362	7.2	7.4	7.8	8.05
00400p	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	74	7.6	7.476	8.7	6.68	0.148	0.385	7.2	7.4	7.8	8.05
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	74	0.025	0.033	0.209	0.002	0.001	0.029	0.009	0.016	0.04	0.063
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	104	7.5	7.48	8.4	6.6	0.108	0.328	7.1	7.3	7.7	7.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	104	7.5	7.356	8.4	6.6	0.123	0.351	7.1	7.3	7.7	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	104	0.032	0.044	0.251	0.004	0.002	0.039	0.013	0.02	0.05	0.079
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	79	202.	197.987	266.	90.	1483.09	38.511	144.	172.	228.	244.
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	26	531.5	531.077	681.	404.	4466.394	66.831	442.3	492.75	563.75	634.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	82	30.	35.183	240.	2.	1139.262	33.753	10.	17.	44.25	54.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/67-11/09/76	37	8.	11.	36.	2.	53.778	7.333	4.	5.	16.	20.2
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	02/20/74-12/13/89	15	4.2	7.027	30.	0.5	65.892	8.117	0.5	2.1	9.6	24.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	80	0.65	0.926	4.3	0.05	0.714	0.845	0.1	0.4	1.3	1.98
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	32	1.6	1.797	5.2	0.6	0.824	0.907	0.9	1.3	2.175	2.91
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	71	2.	2.155	5.3	0.2	1.31	1.145	0.8	1.2	3.	3.86
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	41	2.	2.302	6.2	0.1	1.47	1.212	1.02	1.4	3.05	3.96
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	70	0.265	0.55	4.3	0.1	0.672	0.82	0.13	0.19	0.453	1.69
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	61	0.005	0.01	0.208	0.001	0.001	0.028	0.002	0.003	0.005	0.014
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	79	296.	231.228	408.	19.	17502.306	132.296	32.	39.	334.	362.
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	23	42.	39.83	63.	8.1	114.679	10.709	25.	36.	45.	49.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	80	55.5	56.588	103.	17.	259.41	16.106	38.1	47.	66.75	76.9
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	65	86.	81.415	140.	16.	731.403	27.044	40.6	60.	100.	110.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	59 ##	5.	8.729	70.	5.	83.27	9.125	5.	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	12	20.	19.167	40.	10.	81.061	9.003	10.	10.	20.	37.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	39	900.	1250.513	9400.	470.	2037457.625	1427.395	510.	640.	1400.	1900.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	38	20.	20.263	120.	5.	394.523	19.863	5.	10.	20.	40.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-12/18/91	11	150.	163.636	220.	80.	1965.455	44.333	90.	140.	220.	220.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	65	770.	3126.615	40000.	10.	34073925.865	5837.288	10.	165.	4400.	8320.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	65	2.886	2.789	4.602	1.	0.981	0.991	1.	2.217	3.643	3.92
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			615.25								
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	20	40023.	35340.05	82942.	10011.	403128904.261	20078.07	11221.2	14687.5	41810.	76248.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	39	3.	2.972	9.	-1.	6.348	2.52	0.	1.	5.	7.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	14	19.	29.571	100.	7.	677.495	26.029	8.5	12.	37.5	81.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	41	700.	705.	1104.	406.	28050.6	167.483	483.6	584.5	837.5	944.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	40	11.35	11.1	15.1	6.1	3.521	1.876	8.64	9.925	12.075	13.27
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	37	3.3	3.589	8.7	0.5	2.788	1.67	2.04	2.4	4.35	6.1
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	23	29.	30.739	63.	20.	90.383	9.507	22.	24.	34.	43.8
00400p	PH (STANDARD UNITS)	01/04/66-07/27/92	29	7.5	7.429	8.	6.6	0.118	0.343	6.9	7.2	7.61	7.87
00400p	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	29	7.5	7.277	8.	6.6	0.142	0.376	6.9	7.2	7.61	7.87
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	29	0.032	0.053	0.251	0.01	0.003	0.057	0.013	0.025	0.063	0.126
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	37	7.4	7.335	7.8	6.6	0.088	0.296	6.98	7.1	7.5	7.7
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	37	7.4	7.231	7.8	6.6	0.099	0.315	6.98	7.1	7.5	7.7
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	37	0.04	0.059	0.251	0.016	0.002	0.047	0.02	0.032	0.079	0.105
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	28	179.5	175.714	248.	92.	1463.249	38.252	127.	143.5	203.	222.5
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	10	543.	551.	653.	465.	4028.444	63.47	466.2	495.	614.75	650.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	31	24.	27.806	110.	5.	567.095	23.814	8.	11.	31.	60.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/67-11/09/76	17	9.	12.118	58.	1.	173.485	13.171	1.8	5.	13.	30.8
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	02/20/74-12/13/89	9	7.1	7.467	21.	1.6	34.97	5.914	1.6	3.2	9.7	21.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	29	1.	1.024	3.6	0.05	0.92	0.959	0.2	0.35	1.2	3.4
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	15	1.4	1.527	4.6	0.2	0.913	0.955	0.626	1.1	1.8	3.04
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	26	2.8	2.723	4.7	1.1	0.647	0.804	1.64	2.1	3.225	3.7
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	13	1.4	1.738	5.	0.	1.836	1.355	0.2	0.8	2.45	4.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	28	0.23	0.4	2.5	0.05	0.311	0.558	0.099	0.133	0.31	1.6
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	23	0.005	0.006	0.023	0.003	0.	0.005	0.003	0.003	0.007	0.015
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	28	277.	234.321	378.	18.	16189.782	127.239	29.	81.	336.	360.8
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	12	37.5	42.333	86.	20.	326.606	18.072	21.2	30.75	51.75	77.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	30	61.5	65.067	145.	32.	566.754	23.807	37.5	49.25	76.25	93.7
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	21	76.	76.238	168.	22.	1169.29	34.195	31.6	50.	97.5	114.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	23	10.	13.478	110.	5.	478.261	21.869	5.	5.	10.	26.
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	8 ##	15.	17.5	40.	10.	107.143	10.351	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	13	1200.	1219.231	3000.	590.	398241.026	631.063	594.	680.	1450.	2400.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	13	20.	24.615	60.	10.	243.59	15.607	10.	10.	35.	52.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-12/18/91	6	155.	173.333	260.	100.	3586.667	59.889	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	25	2300.	3763.	12000.	5.	15178579.167	3895.97	32.	750.	7400.	11000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	25	3.362	3.155	4.079	0.699	0.754	0.869	1.482	2.849	3.869	4.041
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1428.942								
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	9	32712.	32465.889	80642.	10031.	486126413.611	22048.275	10031.	12861.	40521.5	80642.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	137	15.3	15.466	28.	2.	41.53	6.444	7.	10.	20.25	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	42	40.	119.524	999.	7.	51287.085	226.467	15.3	23.75	92.5	298.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	136	687.	672.	960.	370.	14757.052	121.479	510.	570.5	768.	823.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	136	8.25	8.442	18.6	2.7	8.326	2.885	5.18	6.5	9.8	12.33
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	118	5.1	5.794	17.	1.8	7.474	2.734	3.09	3.975	6.725	10.
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	74	33.5	34.622	100.	12.	120.704	10.987	26.	29.75	38.	45.
00400p	PH (STANDARD UNITS)	01/04/66-07/27/92	96	7.5	7.57	8.85	6.5	0.173	0.416	7.1	7.325	7.8	8.1
00400p	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	96	7.5	7.389	8.85	6.5	0.207	0.455	7.1	7.325	7.8	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	96	0.032	0.041	0.316	0.001	0.002	0.046	0.008	0.016	0.048	0.079
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	131	7.5	7.488	9.3	6.3	0.144	0.38	7.1	7.3	7.7	7.9
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	131	7.5	7.328	9.3	6.3	0.17	0.412	7.1	7.3	7.7	7.9
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	131	0.032	0.047	0.501	0.001	0.003	0.057	0.013	0.02	0.05	0.079
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	92	189.	184.	262.	100.	1198.418	34.618	136.	160.	210.	221.4
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	31	541.	533.129	659.	167.	7654.383	87.489	451.6	490.	582.	612.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	106	39.	51.34	280.	12.	1666.379	40.821	23.	30.75	56.25	88.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/67-11/09/76	51	11.	13.392	42.	0.	71.523	8.457	5.2	8.	17.	28.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	02/20/74-12/13/89	16	8.9	8.438	15.	1.	17.548	4.189	2.26	4.675	11.75	15.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	106	0.6	0.681	2.	0.05	0.202	0.45	0.2	0.3	1.	1.33
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	43	1.6	1.719	3.	0.7	0.306	0.553	1.	1.4	2.	2.72
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	89	2.1	2.146	5.	0.3	0.874	0.935	0.9	1.6	2.7	3.4
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	50	1.6	1.622	3.4	0.3	0.525	0.725	0.61	1.1	2.	2.77
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	87	0.25	0.402	3.2	0.08	0.332	0.576	0.14	0.18	0.33	0.494
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	74	0.005	0.006	0.023	0.001	0.	0.005	0.002	0.003	0.005	0.013
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	92	288.	221.891	380.	26.	15675.636	125.202	31.	37.	320.	343.4
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	27	35.	36.889	55.	13.	141.718	11.905	21.2	28.	46.	55.
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	102	49.5	51.118	97.	3.	270.263	16.44	32.	40.	59.25	71.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	79	80.	71.013	180.	16.	765.936	27.676	34.	50.	90.	100.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	75 ##	5.	8.347	60.	2.	59.959	7.743	5.	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	16 ##	10.	21.563	130.	5.	879.063	29.649	8.5	10.	20.	60.
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	47	1200.	1560.851	5900.	300.	1163290.564	1078.559	692.	1000.	1700.	2900.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	47	10.	17.66	60.	5.	137.882	11.742	9.	10.	20.	32.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-12/18/91	11	160.	173.636	250.	110.	1925.455	43.88	112.	150.	200.	248.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	87	1400.	3838.161	71000.	10.	74412224.485	8626.252	108.	270.	4200.	8160.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	87	3.146	3.054	4.851	1.	0.577	0.76	2.033	2.431	3.623	3.911
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1132.154								
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	22	32212.	30023.636	80022.	10014.	304832355.766	17459.449	10027.7	10522.	41862.75	43242.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

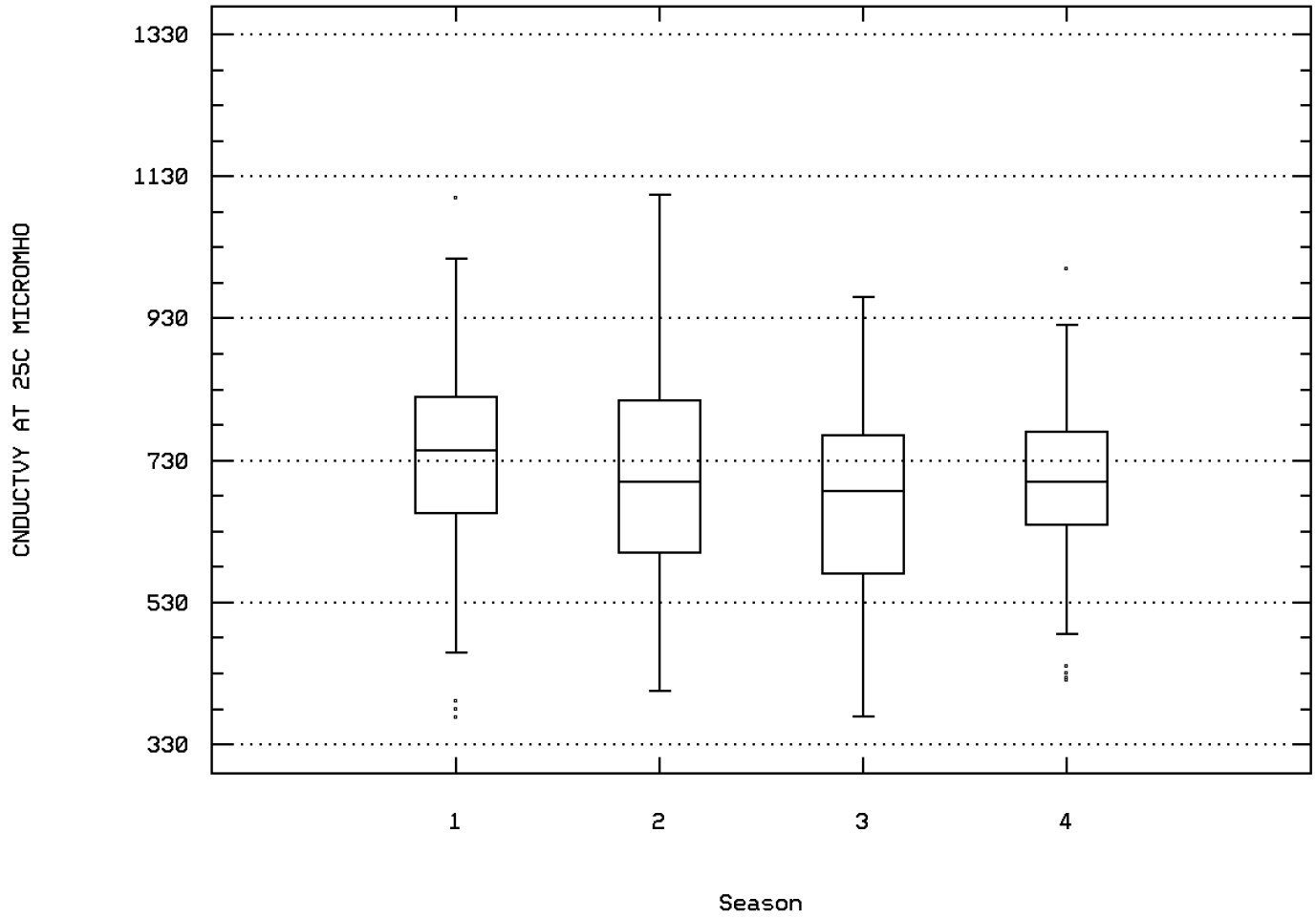
Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/66-07/27/92	68	24.	23.321	31.	13.	9.19	3.032	19.	22.	25.	26.1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	02/24/70-11/28/90	18	19.	22.833	70.	10.	210.029	14.492	10.	12.75	28.5	41.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/66-07/27/92	69	700.	698.971	1000.	420.	14661.264	121.084	540.	640.	775.	880.
00300p	OXYGEN, DISSOLVED MG/L	01/04/66-07/27/92	70	7.4	9.284	26.9	3.	29.147	5.399	4.4	5.5	11.975	16.27
00310p	BOD, 5 DAY, 20 DEG C MG/L	01/04/66-04/22/92	59	6.6	8.281	21.	2.1	21.995	4.69	4.	4.6	10.	15.
00335	COD, .025N K2CR2O7 MG/L	02/20/74-07/27/92	35	33.	34.029	50.	15.	70.44	8.393	23.2	30.	40.	46.4
00400p	PH (STANDARD UNITS)	01/04/66-07/27/92	43	7.5	7.647	8.64	6.8	0.23	0.48	7.04	7.3	8.	8.46
00400p	CONVERTED PH (STANDARD UNITS)	01/04/66-07/27/92	43	7.5	7.439	8.64	6.8	0.275	0.524	7.04	7.3	8.	8.46
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/66-07/27/92	43	0.032	0.036	0.158	0.002	0.001	0.034	0.003	0.01	0.05	0.092
00403p	PH, LAB, STANDARD UNITS SU	02/28/67-07/27/92	65	7.6	7.651	8.7	6.9	0.156	0.395	7.2	7.4	7.9	8.18
00403p	CONVERTED PH, LAB, STANDARD UNITS	02/28/67-07/27/92	65	7.6	7.499	8.7	6.9	0.179	0.424	7.2	7.4	7.9	8.18
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/28/67-07/27/92	65	0.025	0.032	0.126	0.002	0.001	0.027	0.007	0.013	0.04	0.063
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	46	212.5	205.326	258.	134.	1206.091	34.729	150.8	179.5	230.5	251.8
00500	RESIDUE, TOTAL (MG/L)	03/20/85-07/27/92	15	503.	505.467	604.	417.	3088.552	55.575	420.	478.	543.	596.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/24/70-07/27/92	52	33.5	42.	370.	6.	2388.627	48.874	18.	24.25	46.	61.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/28/67-11/09/76	29	14.	17.759	48.	3.	162.19	12.735	5.	7.5	26.5	40.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	02/20/74-12/13/89	5	5.1	6.98	17.	1.2	37.912	6.157	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/24/69-07/27/92	53	0.6	0.774	3.6	0.05	0.574	0.757	0.1	0.2	1.	1.9
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	02/04/76-07/27/92	18	1.65	1.733	3.2	0.7	0.352	0.593	1.06	1.375	1.925	2.93
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/12/72-07/27/92	44	1.1	1.22	3.	0.3	0.49	0.7	0.45	0.7	1.475	2.45
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/04/66-12/14/72	27	2.8	3.181	9.9	1.2	4.246	2.061	1.6	2.3	3.2	5.42
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/71-07/27/92	44	0.335	0.539	2.3	0.15	0.237	0.487	0.19	0.243	0.603	1.4
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	02/20/74-07/27/92	34	0.003	0.004	0.015	0.001	0.	0.003	0.001	0.003	0.005	0.011
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	01/04/66-07/27/92	46	274.	213.696	370.	22.	15347.416	123.885	33.7	36.	306.	331.
00929	SODIUM, TOTAL (MG/L AS NA)	02/20/74-07/27/92	12	41.	40.917	61.	27.	77.538	8.806	28.2	35.25	46.25	56.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	01/04/66-07/27/92	50	50.5	52.48	81.	8.	198.418	14.086	37.1	44.	64.	69.9
00945	SULFATE, TOTAL (MG/L AS SO4)	02/28/67-11/20/85	41	78.	71.268	140.	29.	528.151	22.982	36.4	55.	86.5	90.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/20/74-07/27/92	35 ##	5.	6.629	10.	2.	6.358	2.522	5.	5.	10.	10.
01042	COPPER, TOTAL (UG/L AS CU)	02/20/74-04/17/85	8 ##	15.	15.	20.	10.	28.571	5.345	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/20/74-12/18/91	22	1000.	1043.182	2100.	100.	184575.108	429.622	637.	722.5	1300.	1750.
01051	LEAD, TOTAL (UG/L AS PB)	02/20/74-11/20/85	22	20.	18.182	40.	5.	125.108	11.185	5.	10.	30.	37.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/20/74-12/18/91	6	175.	176.667	190.	160.	146.667	12.111	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	43	340.	3257.209	88000.	10.	178516068.217	13360.991	30.	100.	2300.	4920.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	02/24/70-03/29/88	43	2.531	2.582	4.944	1.	0.74	0.86	1.477	2.	3.362	3.691
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			381.701								
47501	WEATHER AT TIME OF SAMPLING	05/20/86-07/27/92	10	12975.	22970.2	81213.	10006.	502971942.178	22427.036	10187.	12130.25	26602.5	77182.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: INDU0208 Parameter Code: 00095

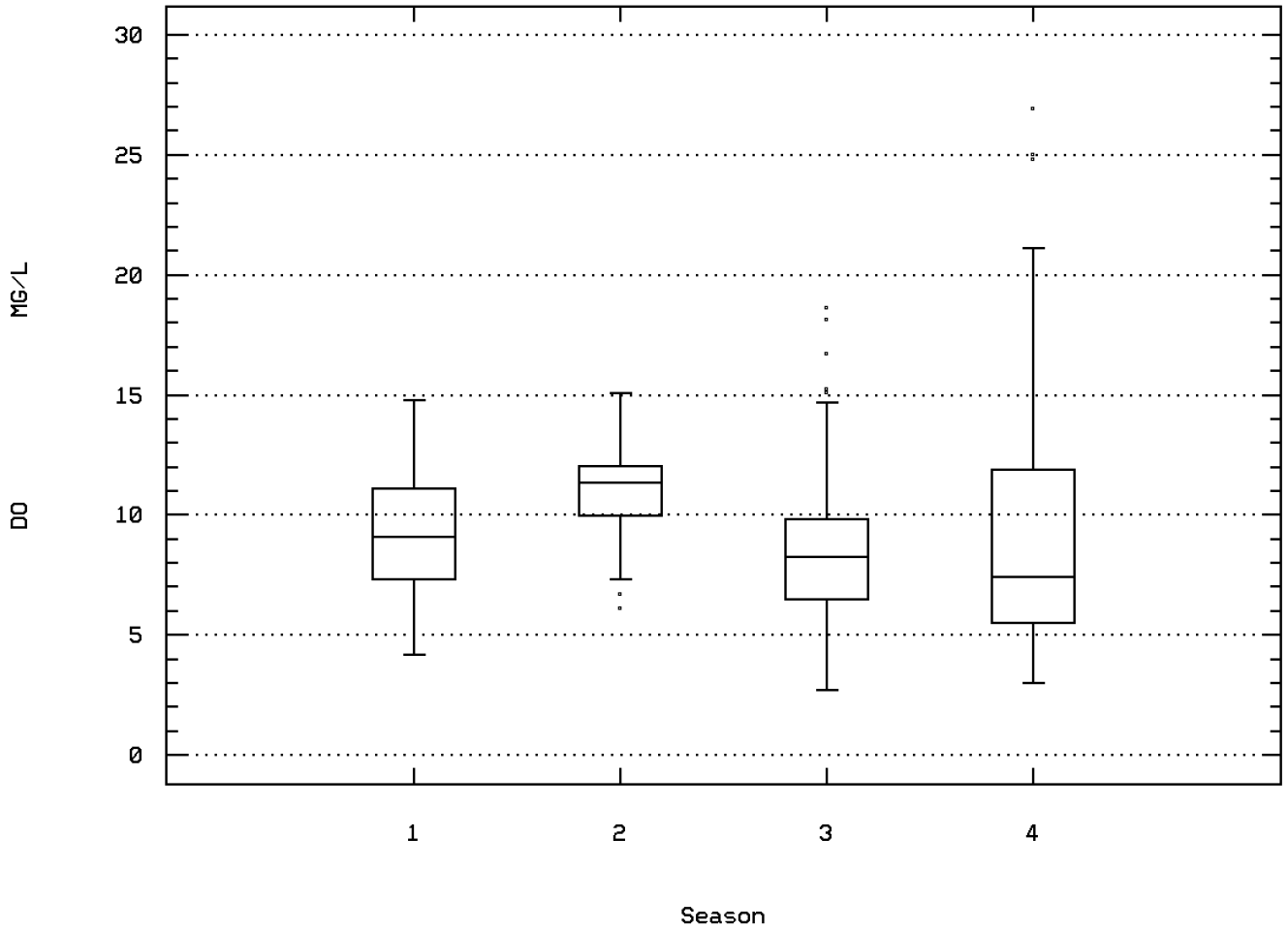
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00300

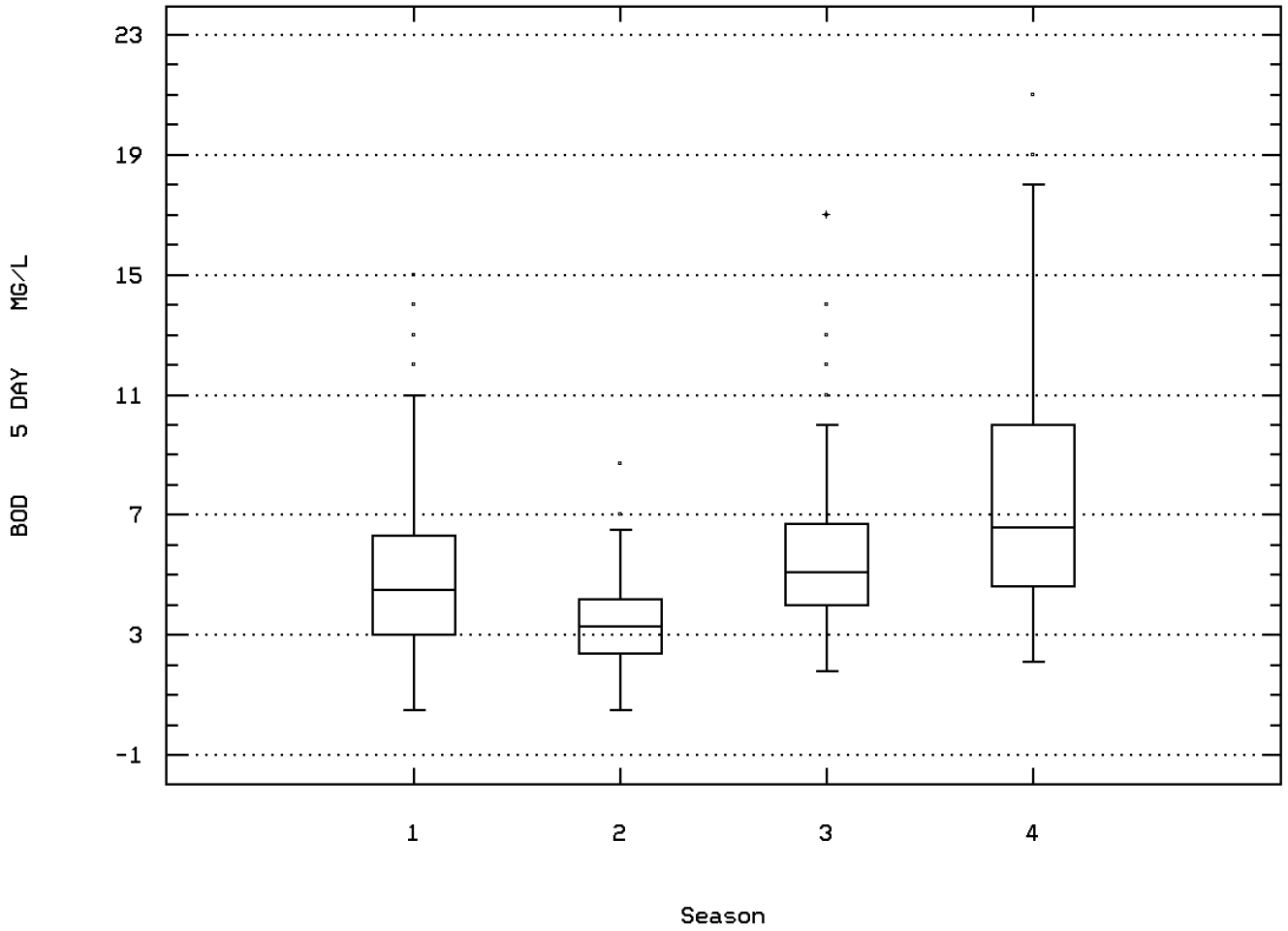
OXYGEN, DISSOLVED



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00310

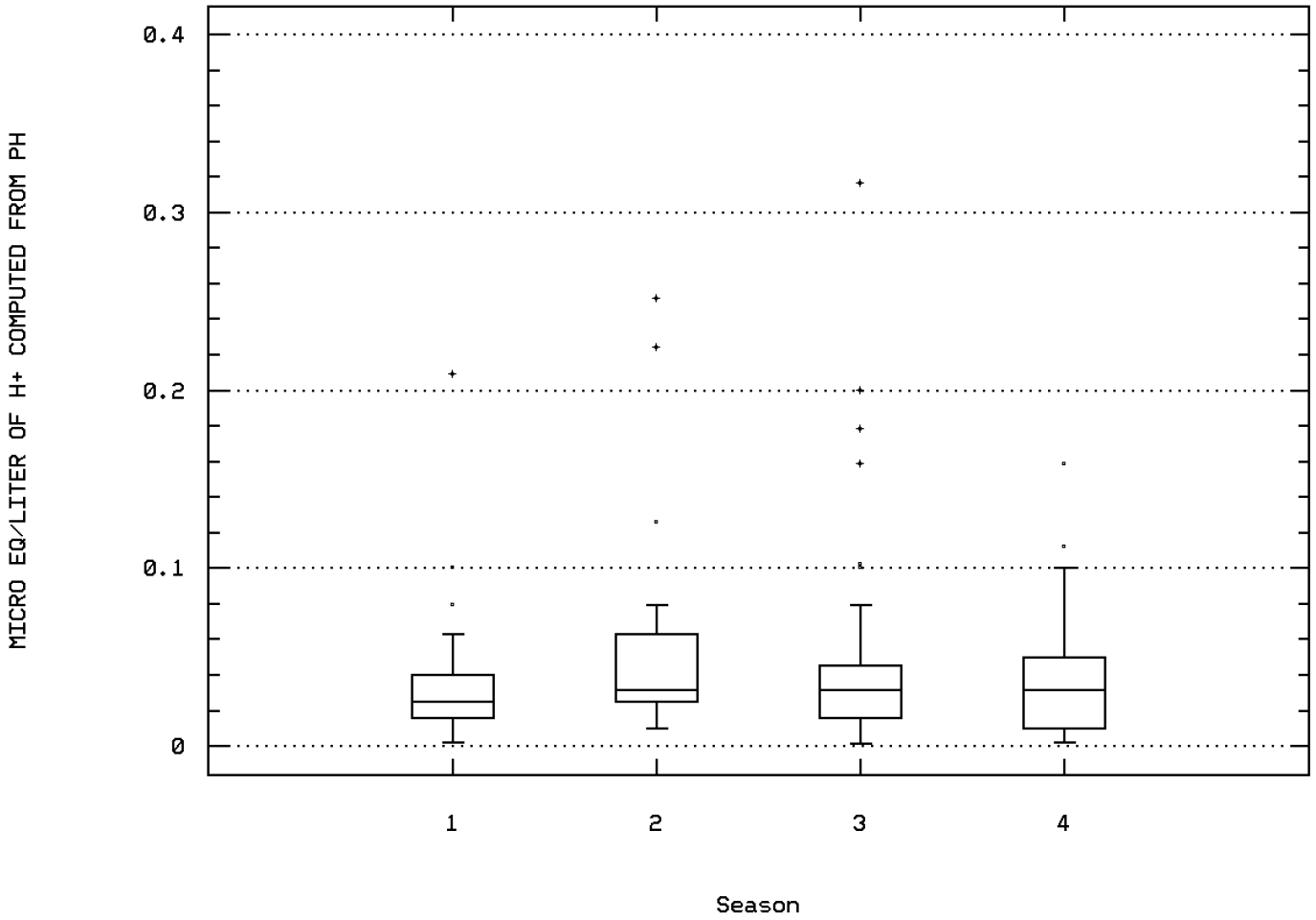
BOD, 5 DAY, 20 DEG C



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00400

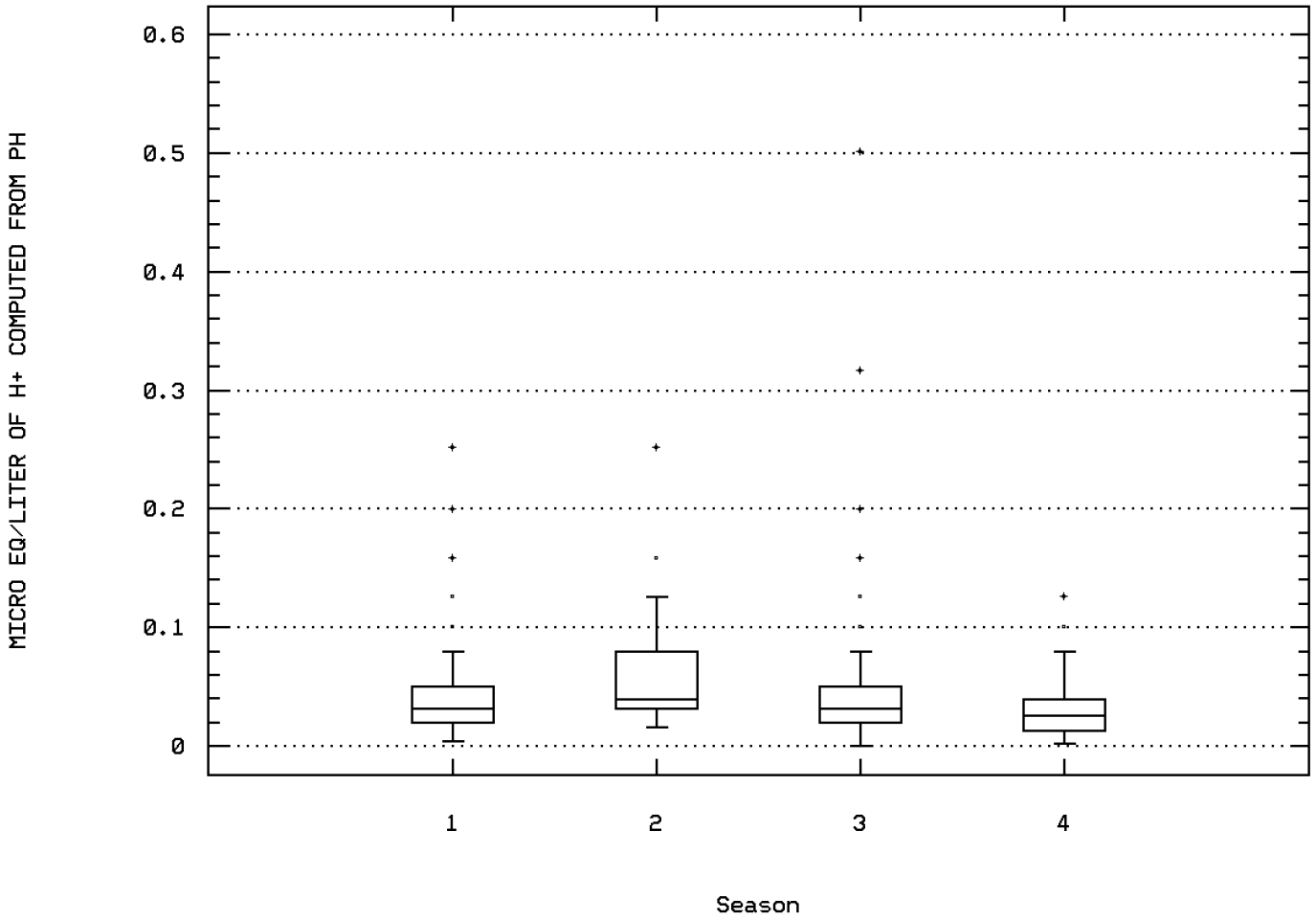
MICRO EQ/LITER OF H+ COMPUTED FROM PH



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00403

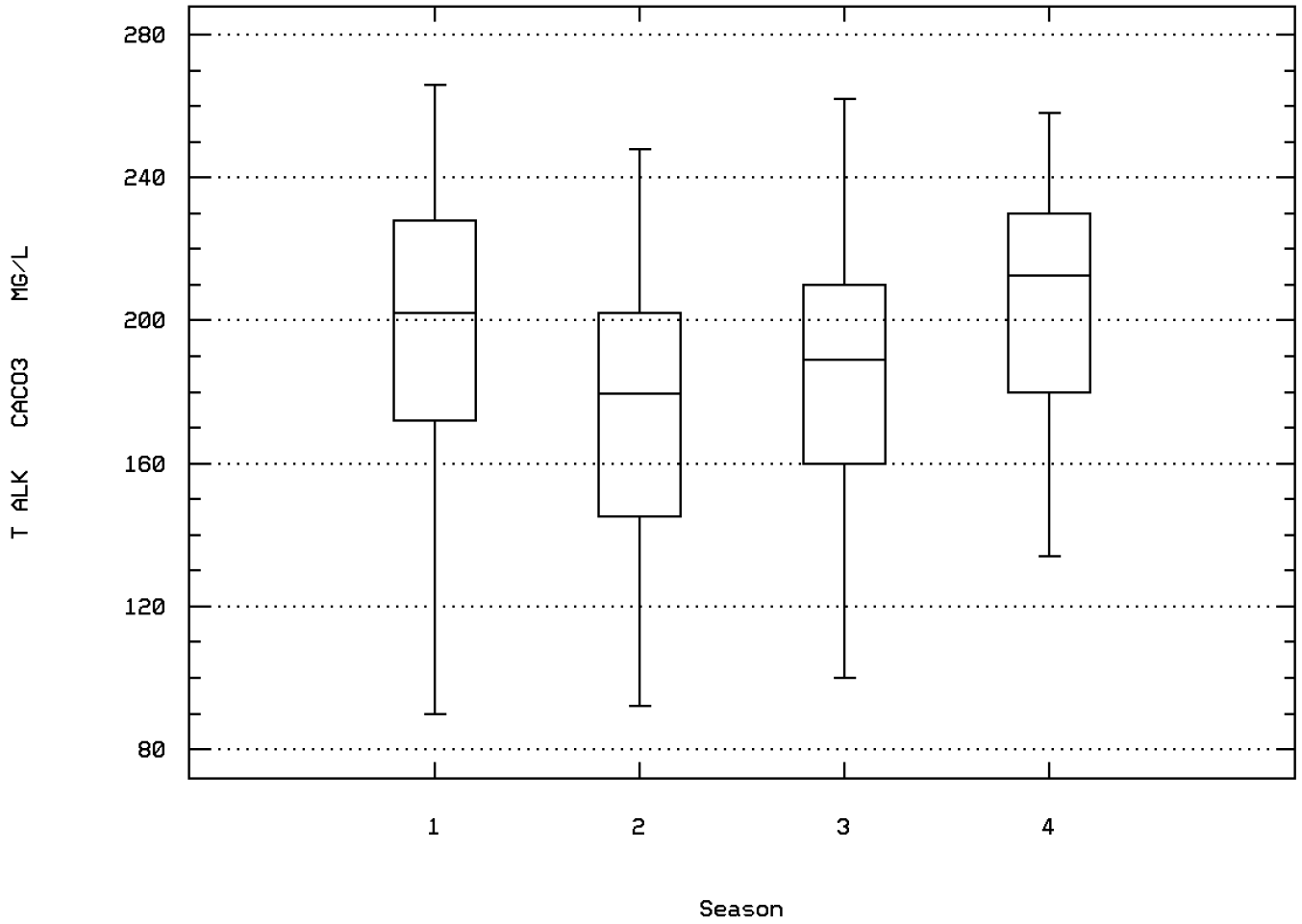
MICRO EQ/LITER OF H+ COMPUTED FROM PH



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00410

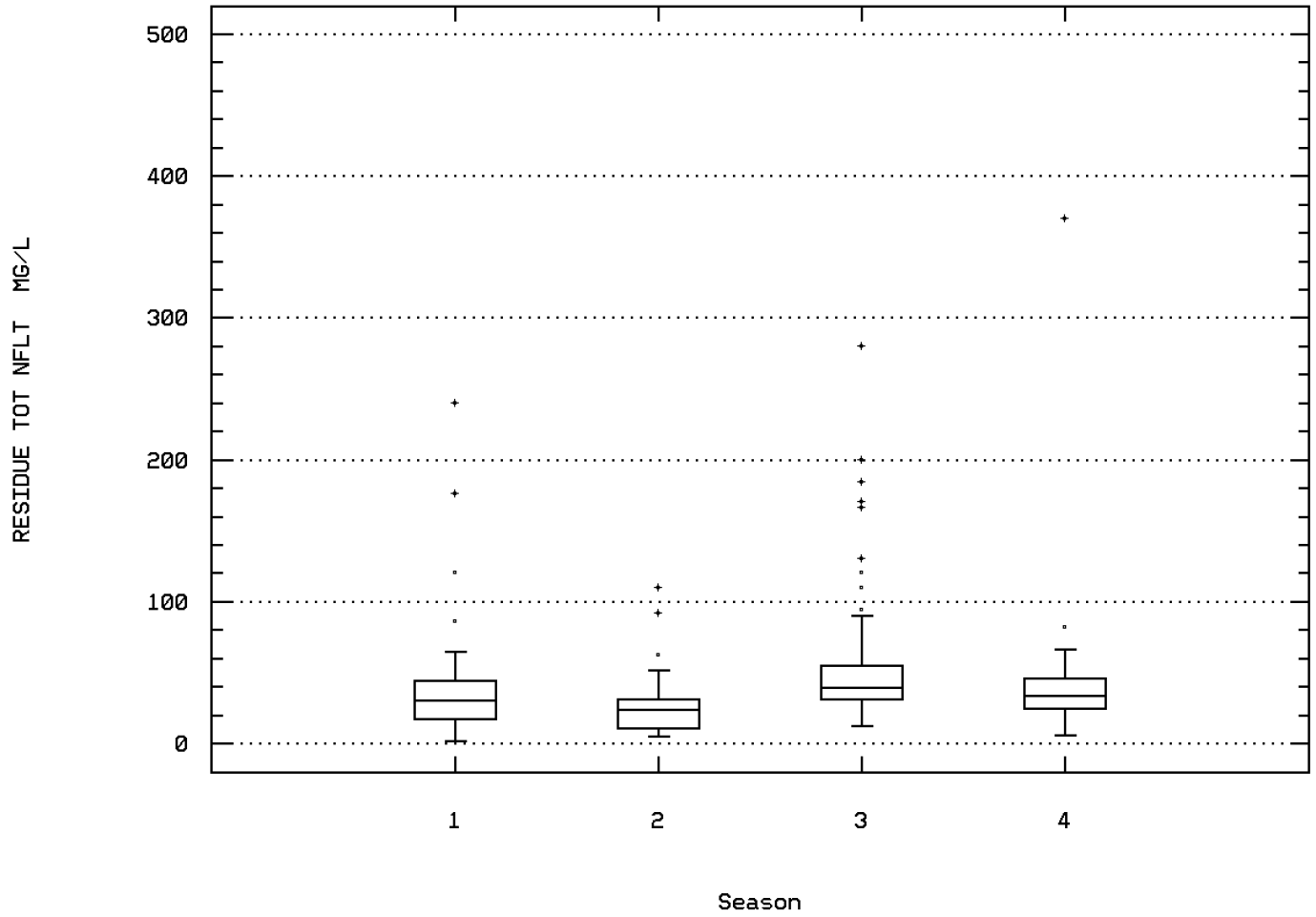
ALKALINITY, TOTAL (MG/L AS CACO3)



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00530

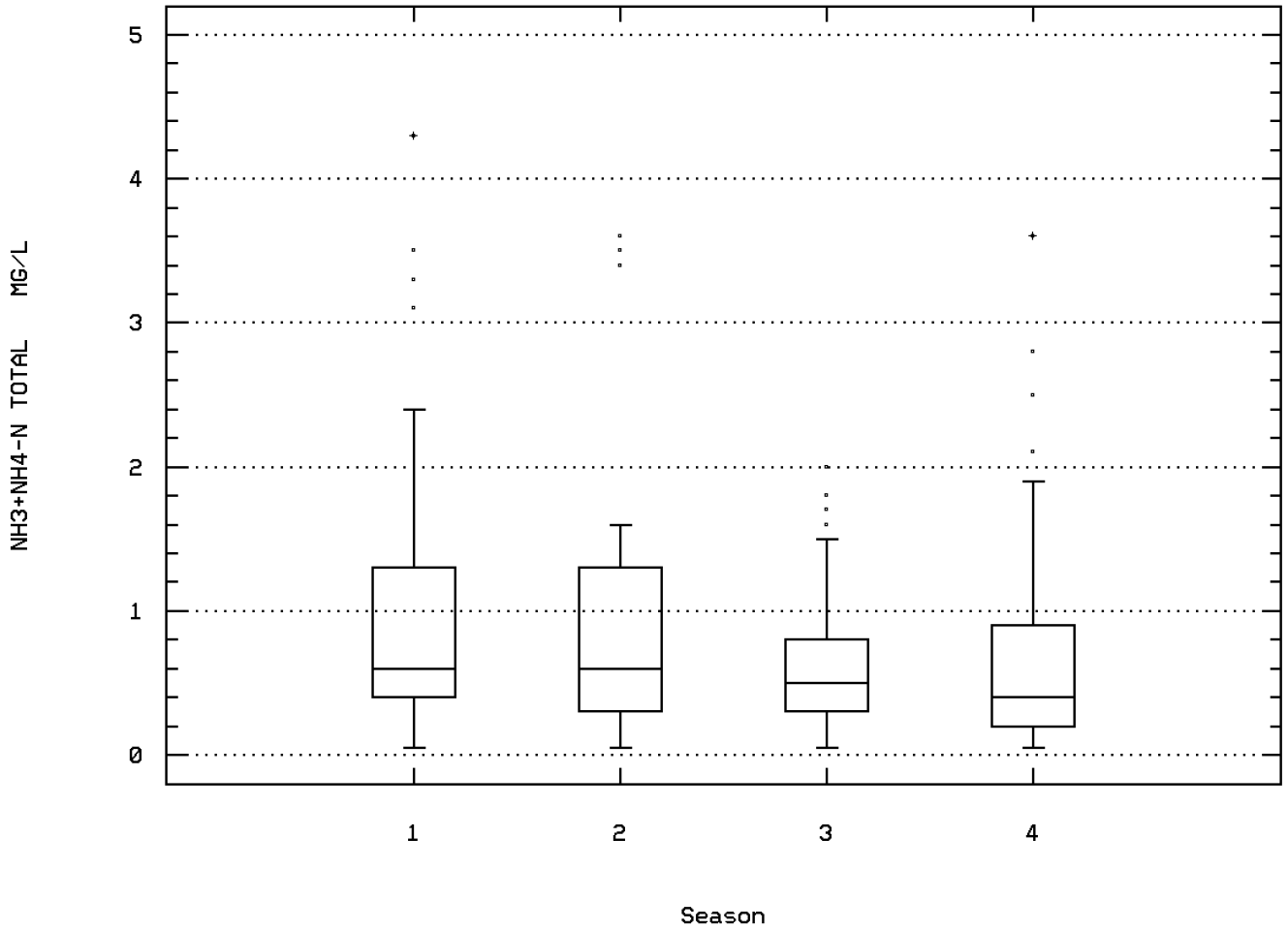
RESIDUE, TOTAL NONFILTRABLE (MG/L)



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00610

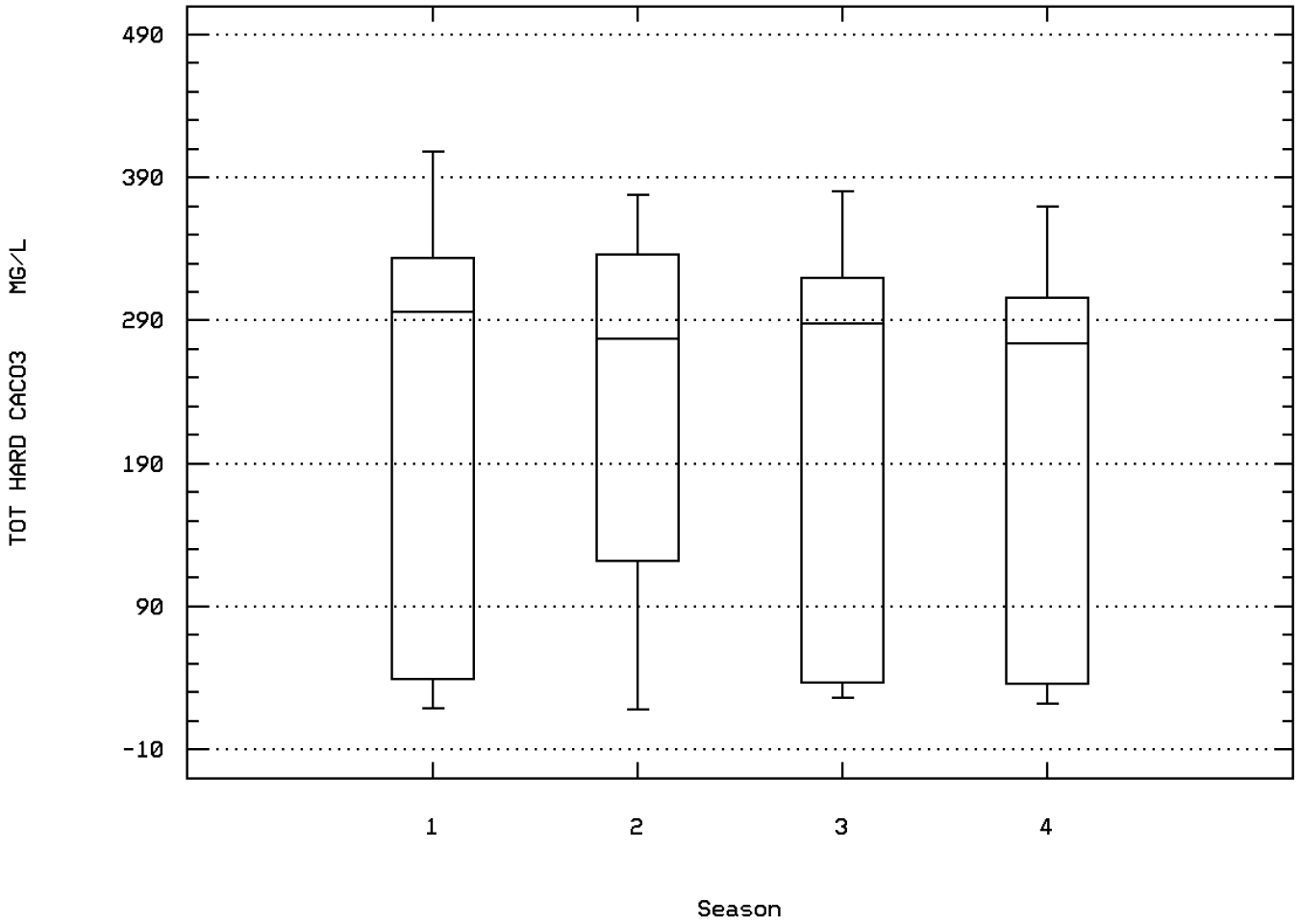
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00900

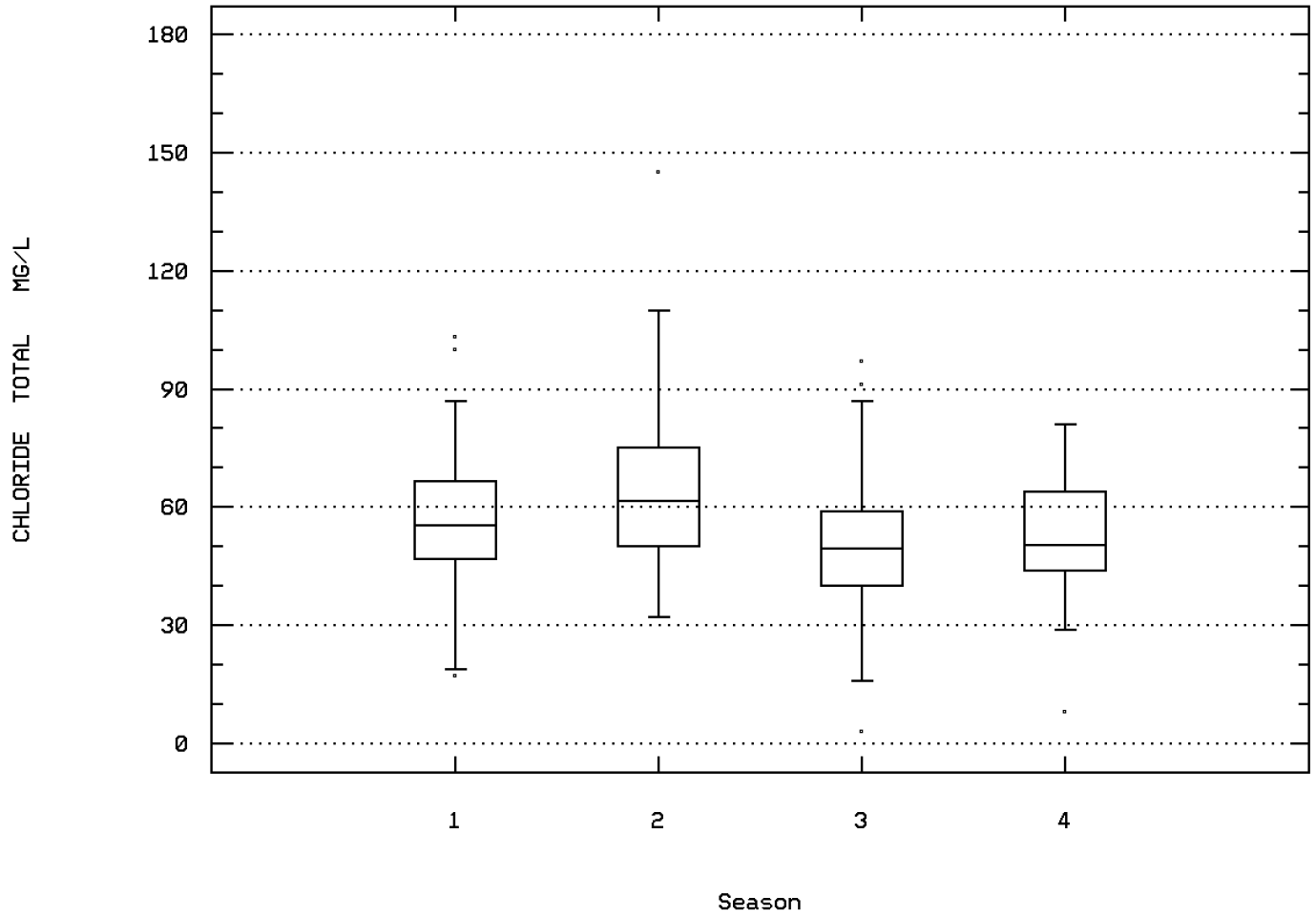
HARDNESS, TOTAL (MG/L AS CACO3)



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station: INDU0208 Parameter Code: 00940

CHLORIDE,TOTAL IN WATER



BURNS DITCH PORTAGE BOAT YARD 2.64M FRO

Station Inventory for Station: INDU0209

NPS Station ID: INDU0209
LAT/LON: 41.627781/ -87.200005
Agency: 112WRD
Date Created: 03/17/77
Location: LAKE MICHIGAN AT OGDEN DUNES IND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 413740087120001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 0.990
Distance from RF1: 2.30
On/Off RF1: ON
RF3 Index: 04040001000300.05
RF3 Mile Point: 25.43
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/73-10/18/73	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/73-10/18/73	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/18/73-10/18/73	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/18/73-10/18/73	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/73-10/18/73	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/73-10/18/73	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/73-10/18/73	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	10/18/73-10/18/73	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	10/18/73-10/18/73	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1000.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/18/73-10/18/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/18/73-10/18/73	1	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			5.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0209

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	1	0	0.00	1	0	0.00									
00400	PH	Other-Hi Lim.	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0210

NPS Station ID: INDU0210
LAT/LON: 41.629170/ -87.204449
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-65
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359065 /65-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 22
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 7.20
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 24.46
Distance from RF3: 0.35
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/80-06/25/80	5	16.5	16.7	18.5	15.	2.325	1.525	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/25/80-06/25/80	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/25/80-06/25/80	5	270.	270.	270.	270.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/25/80-06/25/80	5	305.	304.	305.	300.	5.	2.236	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/25/80-06/25/80	5	9.4	9.46	9.6	9.4	0.008	0.089	**	**	**	**
00400	PH (STANDARD UNITS)	06/25/80-06/25/80	5	8.35	8.36	8.4	8.3	0.002	0.042	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/25/80-06/25/80	5	8.35	8.358	8.4	8.3	0.002	0.042	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/25/80-06/25/80	5	0.004	0.004	0.005	0.004	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/25/80-06/25/80	2	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/25/80-06/25/80	2	0.043	0.043	0.06	0.026	0.001	0.024	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/25/80-06/25/80	2	0.413	0.413	0.44	0.385	0.002	0.039	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/25/80-06/25/80	2	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/25/80-06/25/80	2	0.008	0.008	0.011	0.005	0.	0.004	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/25/80-06/25/80	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/25/80-06/25/80	2	11.	11.	11.	11.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/25/80-06/25/80	2	22.	22.	22.	22.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	06/25/80-06/25/80	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/25/80-06/25/80	2	8.5	8.5	15.	2.	84.5	9.192	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/25/80-06/25/80	2	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0210

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	5	0	0.00							5	0	0.00			
00400	PH	Other-Hi Lim.	9.	5	0	0.00							5	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00							5	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	2	0	0.00							2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0211

NPS Station ID: INDU0211
LAT/LON: 41.638615/ -87.204449
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-53
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359053 /53-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 55
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 16.50
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 14.53
Distance from RF3: 1.25
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-07/22/81	70	12.5	12.1	21.	3.5	29.461	5.428	4.	7.	15.875	20.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/09/80-07/22/81	7	96.	96.	132.	60.	768.	27.713	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/09/80-07/22/81	70	250.	242.5	265.	180.	688.225	26.234	190.	240.	260.	265.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-07/22/81	70	300.	297.643	310.	280.	122.987	11.09	280.	285.	310.	310.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/80-07/22/81	70	9.95	10.191	12.7	7.7	2.383	1.544	8.11	9.1	11.4	12.7
00400	PH (STANDARD UNITS)	04/09/80-07/22/81	70	8.3	8.297	8.6	8.	0.023	0.15	8.05	8.2	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	04/09/80-07/22/81	70	8.3	8.271	8.6	8.	0.023	0.152	8.05	8.2	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/80-07/22/81	70	0.005	0.005	0.01	0.003	0.	0.002	0.003	0.004	0.006	0.009
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-07/22/81	14	0.032	0.03	0.055	0.005	0.	0.015	0.009	0.016	0.041	0.054
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-07/22/81	14	0.308	0.365	1.035	0.125	0.053	0.23	0.153	0.22	0.404	0.813
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-07/22/81	14	0.245	0.677	5.64	0.21	2.064	1.437	0.21	0.228	0.3	3.225
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-07/22/81	14	0.009	0.009	0.015	0.005	0.	0.003	0.005	0.007	0.012	0.014
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/09/80-07/22/81	14 ##	0.003	0.003	0.005	0.003	0.	0.001	0.003	0.003	0.003	0.005
00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-07/22/81	14	10.	10.429	12.	10.	0.418	0.646	10.	10.	11.	11.5
00945	SULFATE, TOTAL (MG/L AS SO4)	04/09/80-07/22/81	14	23.	22.857	25.	21.	0.901	0.949	21.5	22.	23.	24.5
00956	SILICA, TOTAL (MG/L AS SI02)	04/09/80-07/22/81	14	0.3	0.329	0.8	0.1	0.05	0.223	0.1	0.175	0.4	0.8
01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-07/22/81	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-07/22/81	10	24.	23.9	32.	16.	32.322	5.685	16.	19.	29.	31.7
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-07/22/81	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-07/22/81	10	2.	1.8	4.	1.	0.844	0.919	1.	1.	2.	3.8
01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-07/22/81	10	1.	1.25	2.	0.5	0.292	0.54	0.55	1.	2.	2.
01045	IRON, TOTAL (UG/L AS FE)	05/20/80-07/22/81	10	66.	83.4	180.	26.	2554.711	50.544	27.3	44.25	120.	177.
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-07/22/81	10 ##	0.5	1.	4.	0.5	1.167	1.08	0.5	0.5	1.	3.7
01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-07/22/81	10 ##	0.05	0.23	0.5	0.05	0.054	0.232	0.05	0.05	0.5	0.5
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-07/22/81	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/09/80-07/22/81	14 ##	1.	3.286	19.	1.	27.451	5.239	1.	1.	2.25	14.5
71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-07/22/81	10 ##	0.05	0.055	0.1	0.05	0.	0.016	0.05	0.05	0.05	0.095

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0211

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	70	0	0.00	16	0	0.00				44	0	0.00	10	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0211

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	70	0	0.00	16	0	0.00				44	0	0.00	10	0	0.00
		Other-Lo Lim.	6.5	70	0	0.00	16	0	0.00				44	0	0.00	10	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	4	0	0.00				8	0	0.00	2	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	14	0	0.00	4	0	0.00				8	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	14	0	0.00	4	0	0.00				8	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	14	0	0.00	4	0	0.00				8	0	0.00	2	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	10	0	0.00	2	0	0.00				6	0	0.00	2	0	0.00
		Drinking Water	50.	10	0	0.00	2	0	0.00				6	0	0.00	2	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	10	0	0.00	2	0	0.00				6	0	0.00	2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	10	0	0.00	2	0	0.00				6	0	0.00	2	0	0.00
		Drinking Water	5.	10	0	0.00	2	0	0.00				6	0	0.00	2	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	10	0	0.00	2	0	0.00				6	0	0.00	2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	10	0	0.00	2	0	0.00				6	0	0.00	2	0	0.00
		Drinking Water	1300.	10	0	0.00	2	0	0.00				6	0	0.00	2	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	10	0	0.00	2	0	0.00				6	0	0.00	2	0	0.00
		Drinking Water	5.	10	0	0.00	2	0	0.00				6	0	0.00	2	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	10	0	0.00	2	0	0.00				6	0	0.00	2	0	0.00
		Drinking Water	50.	10	0	0.00	2	0	0.00				6	0	0.00	2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	10	0	0.00	2	0	0.00				6	0	0.00	2	0	0.00
		Drinking Water	50.	10	0	0.00	2	0	0.00				6	0	0.00	2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	10	0	0.00	2	0	0.00				6	0	0.00	2	0	0.00
		Drinking Water	2.	10	0	0.00	2	0	0.00				6	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0212

NPS Station ID: INDU0212
LAT/LON: 41.652781/ -87.204449
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-38
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359038 /38-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 53
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 22.80
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 16.07
Distance from RF3: 1.94
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0212

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/80-06/25/81	39	13.	14.397	22.5	7.	25.318	5.032	7.	11.5	19.5	22.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/22/80-06/25/81	4	156.	156.	240.	72.	5088.	71.33	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/22/80-06/25/81	39	260.	222.692	270.	140.	3168.219	56.287	140.	140.	265.	265.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/22/80-06/25/81	39	285.	287.949	300.	280.	70.682	8.407	280.	280.	295.	300.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/22/80-06/25/81	39	9.2	9.533	11.2	8.1	0.658	0.811	8.8	9.	10.2	10.8
00400	PH (STANDARD UNITS)	07/22/80-06/25/81	39	8.3	8.254	8.5	8.	0.024	0.156	8.05	8.1	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	07/22/80-06/25/81	39	8.3	8.227	8.5	8.	0.025	0.158	8.05	8.1	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/22/80-06/25/81	39	0.005	0.006	0.01	0.003	0.	0.002	0.004	0.004	0.008	0.009
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/21/80-06/02/81	6	0.018	0.018	0.03	0.005	0.	0.01	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/21/80-06/02/81	6	0.28	0.341	0.515	0.26	0.012	0.109	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/21/80-06/02/81	6	0.205	0.24	0.39	0.17	0.007	0.082	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/21/80-06/02/81	6	0.008	0.008	0.01	0.006	0.	0.002	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/21/80-06/02/81	6 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/21/80-06/02/81	6	10.5	10.167	11.	9.	0.967	0.983	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/21/80-06/02/81	6	22.	22.167	23.	22.	0.167	0.408	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	07/21/80-06/02/81	6	0.2	0.25	0.5	0.1	0.019	0.138	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/21/80-06/02/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/21/80-06/02/81	6	21.5	23.667	36.	15.	73.867	8.595	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/21/80-06/02/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/21/80-06/02/81	6	2.	11.333	48.	1.	347.867	18.651	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/21/80-06/02/81	6	1.5	2.167	5.	1.	2.567	1.602	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/21/80-06/02/81	6	75.	65.167	96.	18.	905.767	30.096	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/21/80-06/02/81	6	1.	1.167	2.	0.5	0.467	0.683	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/21/80-06/02/81	6 ##	0.5	0.35	0.5	0.05	0.054	0.232	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/21/80-06/02/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/21/80-06/02/81	6 ##	1.	1.5	3.	1.	0.7	0.837	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/21/80-06/02/81	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0212

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	39	0	0.00	6	0	0.00				21	0	0.00	12	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0212

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	39	0	0.00	6	0	0.00				21	0	0.00	12	0	0.00
		Other-Lo Lim.	6.5	39	0	0.00	6	0	0.00				21	0	0.00	12	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	50.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	5.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	1300.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	5.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	50.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	50.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
		Drinking Water	2.	6	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0213

NPS Station ID: INDU0213
LAT/LON: 41.630559/ -87.208338
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM006
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 26
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 10.40
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 17.77
Distance from RF3: 0.39
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0213

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/63-09/19/63	9	20.	20.111	21.	19.	0.361	0.601	19.	20.	20.5	21.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/23/63-08/28/63	5	2.6	2.3	2.9	1.5	0.485	0.696	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/63-09/19/63	9	269.	261.111	277.	245.	238.111	15.431	245.	245.	275.	277.
00300	OXYGEN, DISSOLVED MG/L	08/23/63-09/19/63	9	8.7	8.711	9.8	7.9	0.346	0.588	7.9	8.15	9.	9.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/23/63-09/19/63	9	96.9	95.422	106.8	84.7	46.202	6.797	84.7	89.1	99.35	106.8
00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/63-09/19/63	5	0.7	1.	1.8	0.6	0.285	0.534	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/63-09/19/63	9	8.4	8.344	8.5	8.2	0.01	0.101	8.2	8.25	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	08/23/63-09/19/63	9	8.4	8.334	8.5	8.2	0.01	0.102	8.2	8.25	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/63-09/19/63	9	0.004	0.005	0.006	0.003	0.	0.001	0.003	0.004	0.006	0.006
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/19/63	9	107.	108.667	121.	98.	50.25	7.089	98.	103.5	114.	121.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/63-09/19/63	5	165.	166.	170.	160.	17.5	4.183	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-09/19/63	5	0.12	0.138	0.2	0.1	0.002	0.041	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-09/19/63	6	0.075	0.082	0.16	0.04	0.002	0.043	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/63-09/19/63	5	0.03	0.026	0.04	0.01	0.	0.011	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/19/63	9	7.	7.111	8.	6.	0.611	0.782	6.	6.5	8.	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/63-09/19/63	3	22.	21.667	22.	21.	0.333	0.577	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-09/19/63	5	0.8	0.96	3.	0.	1.508	1.228	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0213

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	9	0	0.00	2	0	0.00							7	0	0.00
00400	PH	Other-Hi Lim.	9.	9	0	0.00	2	0	0.00							7	0	0.00
		Other-Lo Lim.	6.5	9	0	0.00	2	0	0.00							7	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00							5	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	2	0	0.00							7	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00	2	0	0.00							1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0214

NPS Station ID: INDU0214
LAT/LON: 41.613892/ -87.216115
Agency: 112WRD
Date Created: 11/18/75
Location: W END LONG L AT GARY IND
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 413650087125800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 2.390
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001200.00
RF3 Mile Point: 0.18
Distance from RF3: 0.54
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/73-08/09/78	9	22.5	20.878	30.9	5.	84.219	9.177	5.	12.5	29.5	30.9
00080	COLOR (PLATINUM-COBALT UNITS)	07/31/73-07/31/73	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/31/73-08/09/78	9	250.	269.	405.	190.	3926.75	62.664	190.	232.	305.5	405.
00300	OXYGEN, DISSOLVED MG/L	07/31/73-08/09/78	8	7.3	6.913	12.	2.4	12.604	3.55	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	07/31/73-08/29/74	5	55.	61.4	109.	27.	990.8	31.477	**	**	**	**
00400	PH (STANDARD UNITS)	07/31/73-08/09/78	8	7.4	7.45	8.9	6.6	0.546	0.739	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/31/73-08/09/78	8	7.389	7.09	8.9	6.6	0.694	0.833	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/73-08/09/78	8	0.041	0.081	0.251	0.001	0.008	0.089	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/31/73-08/17/75	2	26.1	26.1	47.	5.2	873.62	29.557	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/31/73-08/17/75	2	90.	90.	95.	85.	50.	7.071	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/31/73-08/17/75	2	109.5	109.5	116.	103.	84.5	9.192	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/17/75-08/17/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/17/75-08/17/75	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/17/75-08/17/75	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/17/75-08/17/75	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/31/73-08/17/75	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/31/73-08/17/75	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/17/75-08/17/75	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/31/73-08/17/75	2 ##	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/31/73-08/17/75	2	0.06	0.06	0.07	0.05	0.	0.014	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/17/75-08/17/75	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00686	CARBON, INORGANIC, IN BED MATERIAL (GM/KG AS C)	08/09/78-08/09/78	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00687	CARBON, ORGANIC, IN BED MATERIAL (GM/KG AS C)	06/27/76-08/09/78	3	3.7	5.	9.7	1.6	17.67	4.204	**	**	**	**
00693	CARBON, ORGANIC+INORG.-BOTTOM MAT. (GM/KG)	08/09/78-08/09/78	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	06/27/76-06/27/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/17/75-08/17/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/17/75-08/17/75	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/17/75-08/17/75	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/31/73-07/31/73	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/17/75-08/17/75	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/31/73-07/31/73	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/73-08/17/75	2	13.5	13.5	16.	11.	12.5	3.536	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/17/75-08/17/75	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/31/73-08/17/75	2	12.5	12.5	25.	0.	312.5	17.678	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/73-08/17/75	2	1.85	1.85	3.2	0.5	3.645	1.909	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/31/73-08/17/75	2	26.	26.	28.	24.	8.	2.828	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/31/73-08/17/75	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/31/73-07/31/73	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/27/76-06/27/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/27/76-06/27/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/31/73-07/31/73	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	06/27/76-06/27/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/31/73-07/31/73	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	06/27/76-06/27/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	08/17/75-08/17/75	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/31/73-07/31/73	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/27/76-06/27/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/31/73-08/17/75	2	85.	85.	150.	20.	8450.	91.924	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/31/73-07/31/73	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/27/76-06/27/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/31/73-07/31/73	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/27/76-06/27/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/31/73-07/31/73	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	06/27/76-06/27/76	1	400.	400.	400.	400.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/31/73-07/31/73	1	21000.	21000.	21000.	21000.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/31/73-07/31/73	1	4.322	4.322	4.322	4.322	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21000.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/31/73-04/25/74	3	18.	640.5	1900.	3.5	1189807.75	1090.783	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/31/73-04/25/74	3	1.255	1.693	3.279	0.544	2.013	1.419	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			49.283								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	07/31/73-04/25/74	4	4407.5	4629.375	9700.	2.5	28601926.563	5348.077	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	07/31/73-04/25/74	4	2.56	2.376	3.987	0.398	3.469	1.863	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			237.86								
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-08/09/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/25/74-08/09/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/25/74-08/09/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-08/09/78	4	0.2	1.325	4.9	0.	5.716	2.391	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-08/09/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-08/09/78	4	0.	0.475	1.9	0.	0.902	0.95	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/25/74-08/09/78	4	0.15	0.325	1.	0.	0.223	0.472	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-08/09/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/25/74-06/27/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/25/74-08/09/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/25/74-08/09/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/25/74-08/09/78	4	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/25/74-08/09/78	4	0.	0.625	2.5	0.	1.563	1.25	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/27/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/27/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/25/74-06/27/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	04/25/74-06/27/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/25/74-06/27/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	04/25/74-06/27/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	07/31/73-07/31/73	1	110.	110.	110.	110.	0.	0.	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	08/17/75-08/17/75	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/31/73-07/31/73	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	06/27/76-06/27/76	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0214

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	8	3	0.38	1	0	0.00	1	0	0.00	2	0	0.00	4	3	0.75
00400	PH	Other-Hi Lim.	9.	8	0	0.00	1	0	0.00				2	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	1	0	0.00				2	0	0.00	5	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00										2	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00										2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0214

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00										2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00										2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00										2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00										1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00										1	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00										1	1	1.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	1	0.33				1	0	0.00	1	0	0.00	1	1	1.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00										1	0	0.00
		Drinking Water	2.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0215

NPS Station ID: INDU0215 LAT/LON: 41.554421/ -87.218699 Agency: 11COECHI Date Created: 08/21/82
Location: LITTLE CALUMET R RM 3.7 (FROM LAKE MICHIGAN) FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CLI31879
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04040001 RF1 Mile Point: 0.000 Distance from RF1: 5.00 On/Off RF1:
RF3 Index: 04040001000200.00 RF3 Mile Point: 0.11 Distance from RF3: 0.10 On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT CORPS OF ENGINEERS TO DETERMINE THE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM THE LITTLE CALUMET RIVER IN INDIANA. SEDIMENT WAS COLLECTED WITH A SPLIT SPOON SAMPLER. SAMPLE DEPTH IS RELATIVE TO MEAN SEA LEVEL. RIVER

Parameter Inventory for Station: INDU0215

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0216

NPS Station ID: INDU0216
LAT/LON: 41.593893/ -87.220282
Agency: 112WRD
Date Created: 01/16/79
Location: LT CALUMET R @ HWY 20 NR E GARY IN
FIPS State/County: 18127 INDIANA/PORTER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413538087131301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001012
RF1 Mile Point: 2.860
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001900.25
RF3 Mile Point: 0.78
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/78-07/11/80	9	16.1	15.067	26.	0.	84.065	9.169	0.	6.75	23.15	26.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/78-07/11/80	9	760.	717.667	998.	346.	42134.25	205.266	346.	558.	872.5	998.
00300	OXYGEN, DISSOLVED MG/L	10/04/78-07/11/80	9	10.2	8.978	12.5	2.3	11.979	3.461	2.3	6.2	11.7	12.5
00400	PH (STANDARD UNITS)	10/04/78-07/11/80	9	7.7	7.678	8.3	6.9	0.154	0.393	6.9	7.5	7.95	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/04/78-07/11/80	9	7.7	7.502	8.3	6.9	0.189	0.435	6.9	7.5	7.95	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/78-07/11/80	9	0.02	0.031	0.126	0.005	0.001	0.037	0.005	0.011	0.032	0.126
00405	CARBON DIOXIDE (MG/L AS CO2)	08/24/79-08/24/79	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/18/78-07/11/80	3	190.	180.	210.	140.	1300.	36.056	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/24/79-07/11/80	2	4.33	4.33	4.88	3.78	0.605	0.778	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/24/79-07/11/80	2	4.605	4.605	4.88	4.33	0.151	0.389	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/24/79-07/11/80	2	1.95	1.95	2.6	1.3	0.845	0.919	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/18/78-07/11/80	3	0.79	0.773	0.83	0.7	0.004	0.067	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/18/78-07/11/80	3	0.41	0.373	0.62	0.09	0.071	0.267	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/18/78-07/11/80	3	1.1	1.14	1.4	0.92	0.059	0.242	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/18/78-07/11/80	3	1.5	1.133	1.5	0.4	0.403	0.635	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/18/78-07/11/80	3	0.09	0.06	0.09	0.	0.003	0.052	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/18/78-07/11/80	3	0.06	0.047	0.06	0.02	0.001	0.023	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/18/78-07/11/80	3	0.03	0.022	0.03	0.005	0.	0.014	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/18/78-07/11/80	3	9.7	8.8	10.	6.7	3.33	1.825	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/18/78-07/11/80	3	290.	273.333	300.	230.	1433.333	37.859	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/18/78-07/11/80	3	90.	93.333	110.	80.	233.333	15.275	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/18/78-07/11/80	3	65.	65.333	72.	59.	42.333	6.506	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/18/78-07/11/80	3	29.	26.667	31.	20.	34.333	5.859	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/18/78-07/11/80	3	45.	43.	52.	32.	103.	10.149	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/18/78-07/11/80	3	1.1	1.1	1.3	0.9	0.04	0.2	**	**	**	**
00932	SODIUM, PERCENT	11/18/78-07/11/80	3	28.	27.667	31.	24.	12.333	3.512	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/24/79-08/24/79	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/18/78-07/11/80	3	4.2	4.7	5.8	4.1	0.91	0.954	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/18/78-07/11/80	3	58.	56.	63.	47.	67.	8.185	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/18/78-07/11/80	3	85.	89.	110.	72.	373.	19.313	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/18/78-07/11/80	3	0.4	0.367	0.4	0.3	0.003	0.058	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/18/78-07/11/80	3	7.4	6.433	11.	0.9	26.203	5.119	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/18/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/78-08/24/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/18/78-08/24/79	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/18/78-08/24/79	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/18/78-08/24/79	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/18/78-07/11/80	3	20.	56.667	140.	10.	5233.333	72.342	**	**	**	**

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Parameter Inventory for Station: INDU0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/18/78-04/08/80	3	70.	86.667	130.	60.	1433.333	37.859	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/18/78-07/11/80	3	40.	83.333	170.	40.	5633.333	75.056	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/18/78-04/08/80	2	60.	60.	90.	30.	1800.	42.426	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/78-08/22/79	4	2000.	4295.	13000.	180.	34414766.667	5866.41	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/78-08/22/79	4	3.301	3.243	4.114	2.255	0.58	0.762	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1749.117								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/22/79	4	975.	1657.5	4200.	480.	2961225.	1720.821	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/22/79	4	2.977	3.065	3.623	2.681	0.165	0.406	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1160.602								
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/18/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/18/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/18/78-08/24/79	2	5.	5.	7.	3.	8.	2.828	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/18/78-08/24/79	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/18/78-08/24/79	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/18/78-08/24/79	2	0.8	0.8	1.1	0.5	0.18	0.424	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/18/78-08/24/79	2	0.75	0.75	0.9	0.6	0.045	0.212	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/18/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/18/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/18/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/18/78-08/24/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/18/78-08/24/79	2	11.	11.	18.	4.	98.	9.899	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/18/78-07/11/80	3	424.	405.	454.	337.	3693.	60.77	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/18/78-07/11/80	3	0.58	0.553	0.62	0.46	0.007	0.083	**	**	**	**
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/24/79-07/11/80	2	28.	28.	56.	0.	1568.	39.598	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/24/79-07/11/80	2	5.05	5.05	9.8	0.3	45.125	6.718	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/24/79-07/11/80	2	2.05	2.05	3.9	0.2	6.845	2.616	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/18/78-07/11/80	3	0.52	0.477	0.79	0.12	0.114	0.337	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: INDU0216

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	9	1	0.11	2	1	0.50	1	0	0.00	5	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	9	0	0.00	2	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	9	0	0.00	2	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	3	0.75	1	0	0.00	1	1	1.00	1	1	1.00	1	1	1.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0217

NPS Station ID: INDU0217
LAT/LON: 41.638615/ -87.223893
Agency: 21IND
Date Created: 01/30/82
Location: NEARSHORE STATION-52
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359052 /52-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 50
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 15.10
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 6.54
Distance from RF3: 1.14
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/20/81-10/20/81	11	13.	13.	13.	13.	0.	0.	13.	13.	13.	13.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	10/20/81-10/20/81	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	10/20/81-10/20/81	11	260.	260.	260.	260.	0.	0.	260.	260.	260.	260.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/20/81-10/20/81	11	300.	300.	300.	300.	0.	0.	300.	300.	300.	300.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	10/20/81-10/20/81	11	9.4	9.536	10.3	9.2	0.135	0.367	9.2	9.3	9.7	10.26
00400	PH (STANDARD UNITS)	10/20/81-10/20/81	11	8.2	8.245	8.3	8.2	0.003	0.052	8.2	8.2	8.3	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/20/81-10/20/81	11	8.2	8.243	8.3	8.2	0.003	0.052	8.2	8.2	8.3	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/20/81-10/20/81	11	0.006	0.006	0.006	0.005	0.	0.001	0.005	0.005	0.006	0.006
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/81-10/20/81	3	0.01	0.01	0.015	0.005	0.	0.005	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/20/81-10/20/81	3	0.335	0.303	0.34	0.235	0.004	0.059	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/20/81-10/20/81	3	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/81-10/20/81	3	0.007	0.008	0.01	0.006	0.	0.002	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	10/20/81-10/20/81	3 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/20/81-10/20/81	3	10.	10.	10.	10.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/20/81-10/20/81	3	23.	23.	24.	22.	1.	1.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	10/20/81-10/20/81	3	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/20/81-10/20/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	10/20/81-10/20/81	3	27.	26.333	27.	25.	1.333	1.155	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/20/81-10/20/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/20/81-10/20/81	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/20/81-10/20/81	3	2.	1.667	2.	1.	0.333	0.577	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/20/81-10/20/81	3	290.	286.667	310.	260.	633.333	25.166	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/20/81-10/20/81	3	1.	1.	1.	1.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	10/20/81-10/20/81	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	10/20/81-10/20/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/20/81-10/20/81	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/20/81-10/20/81	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0217

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	11	0	0.00	11	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0217

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	11	0	0.00	11	0	0.00									
		Other-Lo Lim.	6.5	11	0	0.00	11	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	3	0	0.00	3	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00	3	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00	3	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00	3	0	0.00									
		Drinking Water	1300.	3	0	0.00	3	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00	3	0	0.00									
		Drinking Water	5.	3	0	0.00	3	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	3	0	0.00									
		Drinking Water	2.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0218

NPS Station ID: INDU0218
LAT/LON: 41.629170/ -87.223893
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-64
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359064 /64-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 45
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 8.90
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 21.16
Distance from RF3: 0.49
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/80-07/22/81	32	12.5	15.438	22.5	10.5	16.383	4.048	11.3	12.5	20.	21.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-07/22/81	5	84.	91.2	144.	24.	2059.2	45.378	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/80-07/22/81	32	250.	220.938	260.	140.	2676.512	51.735	140.	140.	260.	260.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/80-07/22/81	32	305.	302.969	310.	290.	62.676	7.917	290.	300.	310.	310.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/80-07/22/81	32	9.25	9.403	11.2	8.1	0.998	0.999	8.1	8.375	10.05	11.07
00400	PH (STANDARD UNITS)	05/20/80-07/22/81	32	8.3	8.342	8.5	8.1	0.015	0.123	8.2	8.3	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	05/20/80-07/22/81	32	8.3	8.325	8.5	8.1	0.015	0.124	8.2	8.3	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/80-07/22/81	32	0.005	0.005	0.008	0.003	0.	0.001	0.003	0.003	0.005	0.006
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	05/20/80-05/20/80	1	22.4	22.4	22.4	22.4	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/80-07/22/81	13	0.024	0.026	0.048	0.005	0.	0.015	0.005	0.011	0.042	0.046
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/80-07/22/81	13	0.36	0.367	0.725	0.04	0.042	0.206	0.044	0.25	0.551	0.683
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/20/80-07/22/81	13	0.24	0.237	0.37	0.17	0.002	0.049	0.17	0.22	0.25	0.326
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/80-07/22/81	13	0.01	0.011	0.029	0.007	0.	0.006	0.007	0.008	0.012	0.024
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/20/80-07/22/81	13 ##	0.003	0.003	0.006	0.003	0.	0.001	0.003	0.003	0.003	0.005
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-07/22/81	13	10.	10.538	12.	9.	0.936	0.967	9.4	10.	11.5	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/80-07/22/81	13	23.	23.231	26.	21.	1.692	1.301	21.4	22.5	24.	25.6
00956	SILICA, TOTAL (MG/L AS SI02)	05/20/80-07/22/81	13	0.3	0.385	0.9	0.1	0.07	0.264	0.1	0.15	0.55	0.86
01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-07/22/81	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-07/22/81	8	29.	29.	34.	25.	10.857	3.295	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-07/22/81	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-07/22/81	8	1.	1.25	2.	1.	0.214	0.463	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-07/22/81	8	1.	0.938	1.	0.5	0.031	0.177	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/20/80-07/22/81	8	101.	147.25	470.	19.	24721.357	157.23	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-07/22/81	8	1.	1.188	2.	0.5	0.496	0.704	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-07/22/81	8 ##	0.5	0.331	0.5	0.05	0.054	0.233	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-07/22/81	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/20/80-07/22/81	13	2.	4.154	27.	1.	52.974	7.278	1.	1.	2.5	20.2
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/80-05/20/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/80-05/20/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/80-05/20/80	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/20/80-05/20/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/80-05/20/80	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/20/80-05/20/80	1 ##	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/20/80-05/20/80	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/80-05/20/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/80-05/20/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/80-05/20/80	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	05/20/80-05/20/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/80-05/20/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-07/22/81	8 ##	0.05	0.063	0.1	0.05	0.001	0.023	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0218

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	32	0	0.00	9	0	0.00				5	0	0.00	18	0	0.00
00400	PH	Other-Hi Lim.	9.	32	0	0.00	9	0	0.00				5	0	0.00	18	0	0.00
		Other-Lo Lim.	6.5	32	0	0.00	9	0	0.00				5	0	0.00	18	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	3	0	0.00				3	0	0.00	7	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	13	0	0.00	3	0	0.00				3	0	0.00	7	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	13	0	0.00	3	0	0.00				3	0	0.00	7	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	13	0	0.00	3	0	0.00				3	0	0.00	7	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	8	0	0.00							3	0	0.00	5	0	0.00
		Drinking Water	50.	8	0	0.00							3	0	0.00	5	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	8	0	0.00							3	0	0.00	5	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	8	0	0.00							3	0	0.00	5	0	0.00
		Drinking Water	5.	8	0	0.00							3	0	0.00	5	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	8	0	0.00							3	0	0.00	5	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	8	0	0.00							3	0	0.00	5	0	0.00
		Drinking Water	1300.	8	0	0.00							3	0	0.00	5	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	8	0	0.00							3	0	0.00	5	0	0.00
		Drinking Water	5.	8	0	0.00							3	0	0.00	5	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	8	0	0.00							3	0	0.00	5	0	0.00
		Drinking Water	50.	8	0	0.00							3	0	0.00	5	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	8	0	0.00							3	0	0.00	5	0	0.00
		Drinking Water	50.	8	0	0.00							3	0	0.00	5	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00							1	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00							1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00							1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00							1	0	0.00			
		Drinking Water	3.	1	0	0.00							1	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00							1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00							1	0	0.00			
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	8	0	0.00							3	0	0.00	5	0	0.00
		Drinking Water	2.	8	0	0.00							3	0	0.00	5	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0219

NPS Station ID: INDU0219
LAT/LON: 41.629170/ -87.236392
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM004
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 32
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 7.90
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 18.11
Distance from RF3: 0.29
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/19/63	10	20.5	20.8	23.	20.	1.067	1.033	20.	20.	21.25	22.9
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-08/28/63	6	2.45	2.283	3.2	1.5	0.446	0.668	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/63-09/19/63	10	272.	265.6	296.	240.	337.156	18.362	240.	243.75	275.25	294.
00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/19/63	10	8.6	8.9	10.	8.1	0.424	0.651	8.12	8.45	9.375	9.99
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/19/63	10	98.65	98.84	110.4	88.3	53.06	7.284	88.55	92.975	104.4	110.28
00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/19/63	5	1.3	1.44	1.9	1.	0.153	0.391	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/63-09/19/63	10	8.3	8.33	8.5	8.2	0.013	0.116	8.2	8.2	8.425	8.5
00400	CONVERTED PH (STANDARD UNITS)	08/23/63-09/19/63	10	8.3	8.316	8.5	8.2	0.014	0.117	8.2	8.2	8.425	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/63-09/19/63	10	0.005	0.005	0.006	0.003	0.	0.001	0.003	0.004	0.006	0.006
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/63-09/19/63	9	107.	109.778	132.	96.	92.444	9.615	96.	106.	112.	132.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/27/63-09/19/63	3	165.	166.667	170.	165.	8.333	2.887	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	10/22/63-12/08/63	5	2.4	2.46	4.5	0.5	2.783	1.668	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/63-12/08/63	13	0.09	0.108	0.3	0.02	0.008	0.088	0.02	0.03	0.16	0.276
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/63-11/24/63	7	0.1	0.109	0.18	0.02	0.003	0.056	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/28/63-09/19/63	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/63-09/19/63	9	7.	7.222	8.	7.	0.194	0.441	7.	7.	7.5	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/23/63-09/19/63	10	22.	21.3	24.	16.	4.678	2.163	16.4	20.75	22.25	23.9
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/23/63-12/08/63	14	0.	0.55	4.	0.	1.297	1.139	0.	0.	0.65	3.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0219

				Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	10	0	0.00	2	0	0.00							8	0	0.00
00400	PH	Other-Hi Lim.	9.	10	0	0.00	2	0	0.00							8	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00	2	0	0.00							8	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	3	0	0.00							4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	2	0	0.00							7	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	10	0	0.00	2	0	0.00							8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0220

NPS Station ID: INDU0220 | LAT/LON: 41.578726/ -87.240642 | Agency: 11COECHI | Date Created: 08/21/82
Location: LITTLE CALUMET R RM 5.3 (FROM LAKE MICHIGAN)
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): CLI31779
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001 | Depth of Water: 0 | Aquifer:
Major Basin: LAKE MICHIGAN | Elevation: 0 | Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04040001012 | RF1 Mile Point: 4.430 | Distance from RF1: 19.10 | On/Off RF1: ON
RF3 Index: 07120003000613.90 | RF3 Mile Point: 14.66 | Distance from RF3: 0.52 | On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT CORPS OF ENGINEERS TO DETERMINE THE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM THE LITTLE CALUMET RIVER IN INDIANA. SEDIMENT WAS COLLECTED WITH A SPLIT SPOON SAMPLER. SAMPLE DEPTH IS RELATIVE TO MEAN SEA LEVEL. RIVER

Parameter Inventory for Station: INDU0220

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0221

NPS Station ID: INDU0221
LAT/LON: 41.550837/ -87.240837
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR07W20 SWSE S
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413303087142701
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001014
RF1 Mile Point: 4.640
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 07120003023000.54
RF3 Mile Point: 1.92
Distance from RF3: 0.24
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/59-10/13/59	1	328.	328.	328.	328.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/13/59-10/13/59	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/13/59-10/13/59	1	384.	384.	384.	384.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/13/59-10/13/59	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/59-10/13/59	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/13/59-10/13/59	1	3000.	3000.	3000.	3000.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/13/59-10/13/59	1	515.	515.	515.	515.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0221

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0222

NPS Station ID: INDU0222
Location: NEAR-SHORE STATION-63
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 04060200
Major Basin: LAKE MICHIGAN
Minor Basin: CALUMET-BURNS DITCH COMPLEX
RF1 Index: 04060200
RF3 Index: 04040001000300.05
Description:

LAT/LON: 41.629170/ -87.243059
Depth of Water: 29
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 20.57

Agency: 21IND
FIPS State/County: 18998 INDIANA/
STORET Station ID(s): 359063 /63-N
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 11.90
Distance from RF3: 0.80

Date Created: 02/21/81
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: INDU0222

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/80-05/20/80	6	12.	12.167	12.5	12.	0.067	0.258	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-05/20/80	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/80-05/20/80	6	240.	238.333	240.	235.	6.667	2.582	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/80-05/20/80	6	310.	310.	310.	310.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/80-05/20/80	6	11.1	11.1	11.2	11.	0.008	0.089	**	**	**	**
00400	PH (STANDARD UNITS)	05/20/80-05/20/80	6	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/20/80-05/20/80	6	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/80-05/20/80	6	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/80-05/20/80	2	0.022	0.022	0.027	0.017	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/80-05/20/80	2	0.275	0.275	0.28	0.27	0.	0.007	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/20/80-05/20/80	2	0.255	0.255	0.26	0.25	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/80-05/20/80	2 ##	0.004	0.004	0.005	0.003	0.	0.002	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-05/20/80	2	12.	12.	12.	12.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/80-05/20/80	2	23.	23.	23.	23.	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	05/20/80-05/20/80	2	0.095	0.095	0.1	0.09	0.	0.007	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-05/20/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-05/20/80	2	31.5	31.5	32.	31.	0.5	0.707	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-05/20/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-05/20/80	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-05/20/80	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/20/80-05/20/80	2	33.5	33.5	39.	28.	60.5	7.778	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-05/20/80	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-05/20/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-05/20/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-05/20/80	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0222

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	6	0	0.00							6	0	0.00			
00400	PH	Other-Hi Lim.	9.	6	0	0.00							6	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00							6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0222

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00							2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00							2	0	0.00			
		Drinking Water	50.	2	0	0.00							2	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00							2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00							2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00							2	0	0.00			
		Drinking Water	1300.	2	0	0.00							2	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00							2	0	0.00			
		Drinking Water	50.	2	0	0.00							2	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00							2	0	0.00			
		Drinking Water	50.	2	0	0.00							2	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00							2	0	0.00			
		Drinking Water	2.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0223

NPS Station ID: INDU0223
LAT/LON: 41.638615/ -87.243059
Agency: 21IND
Date Created: / /
Location: NEARSHORE STATION-51
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359051 /51-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 47
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 10.64
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/81-06/02/81	10	12.5	12.7	14.	12.	0.456	0.675	12.	12.	13.125	13.95
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/02/81-06/02/81	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/02/81-06/02/81	10	265.	265.	265.	265.	0.	0.	265.	265.	265.	265.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/81-06/02/81	10	287.5	285.5	290.	280.	24.722	4.972	280.	280.	290.	290.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/02/81-06/02/81	10	9.9	9.81	9.9	9.5	0.023	0.152	9.51	9.675	9.9	9.9
00400	PH (STANDARD UNITS)	06/02/81-06/02/81	10	8.4	8.39	8.5	8.3	0.005	0.074	8.3	8.3	8.425	8.5
00400	CONVERTED PH (STANDARD UNITS)	06/02/81-06/02/81	10	8.4	8.384	8.5	8.3	0.005	0.074	8.3	8.3	8.425	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/81-06/02/81	10	0.004	0.004	0.005	0.003	0.	0.001	0.003	0.004	0.005	0.005
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/02/81-06/02/81	2	0.026	0.026	0.03	0.022	0.	0.006	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/02/81-06/02/81	2	0.265	0.265	0.275	0.255	0.	0.014	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/02/81-06/02/81	2	0.315	0.315	0.32	0.31	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/02/81-06/02/81	2	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/02/81-06/02/81	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/02/81-06/02/81	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/02/81-06/02/81	2	23.	23.	24.	22.	2.	1.414	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	06/02/81-06/02/81	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/02/81-06/02/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	06/02/81-06/02/81	2	22.5	22.5	24.	21.	4.5	2.121	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/02/81-06/02/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/02/81-06/02/81	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/02/81-06/02/81	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/02/81-06/02/81	2	74.	74.	80.	68.	72.	8.485	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/02/81-06/02/81	2	3.	3.	3.	3.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/02/81-06/02/81	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/02/81-06/02/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/02/81-06/02/81	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/02/81-06/02/81	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0223

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	10	0	0.00							10	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0223

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	10	0	0.00							10	0	0.00			
		Other-Lo Lim.	6.5	10	0	0.00							10	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00							2	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	2	0	0.00							2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00							2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00							2	0	0.00			
		Drinking Water	50.	2	0	0.00							2	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00							2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00							2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00							2	0	0.00			
		Drinking Water	1300.	2	0	0.00							2	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00							2	0	0.00			
		Drinking Water	50.	2	0	0.00							2	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00							2	0	0.00			
		Drinking Water	50.	2	0	0.00							2	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00							2	0	0.00			
		Drinking Water	2.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0224

NPS Station ID: INDU0224
LAT/LON: 41.621255/ -87.251670
Agency: 21ILL
Date Created: / /
Location: IND. BEACH AT LAKE ST., GARY
FIPS State/County: 17998 ILLINOIS/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 48303 /QW 83
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 20
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: LAKE MICHIGAN
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 4.40
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 20.58
Distance from RF3: 0.04
On/Off RF3:
Description:
STATION IS AT THE INDIANA BEACH,OFF LAKE MICHIGAN AT LAKE STREET, GARY, INDIANA.
STATION IS AT THE INDIANA BEACH,OFF LAKE MICHIGAN AT LAKE THIS STATION IS SAMPLED BY THE ILLINOIS E.P.A. ON A MONTHLY BASIS.

Parameter Inventory for Station: INDU0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	67	19.4	18.542	25.	10.	14.113	3.757	12.68	16.1	21.7	22.9
03501	BETA, TOTAL	09/04/68-09/11/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	71	400.	4760.901	210000.	0.	622837908.09	24956.721	12.4	110.	1500.	7000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	71	2.602	2.544	5.322	0.	1.079	1.039	1.093	2.041	3.176	3.843
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			349.645								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	50	18.5	126.62	1800.	1.	106766.853	326.752	3.	5.75	87.75	218.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	50	1.266	1.353	3.255	0.	0.623	0.789	0.477	0.758	1.943	2.338
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			22.568								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	20	7.	8.05	21.	1.	43.629	6.605	1.	2.	11.75	20.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	20	0.827	0.724	1.322	0.	0.201	0.448	0.	0.301	1.07	1.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5.294								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81211	FLUORIDE- STATE OF ILLINOIS (MG/L)	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD DIGEST.	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81219	IRON,TOTAL-STATE OF ILLINOIS,MG/L,COLD DIGEST	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81220	LEAD, STATE OF ILLINOIS,MG/L, COLD DIGEST.	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0224

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	71	22	0.31	2	0	0.00				32	14	0.44	37	8	0.22
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	50	6	0.12							23	4	0.17	27	2	0.07
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	20	0	0.00	2	0	0.00				9	0	0.00	9	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1967 - Station INDU0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	18	18.05	17.9	23.3	10.	12.108	3.48	11.98	15.825	20.15	22.85
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	22	1550.	12806.818	210000.	0.	1961176460.823	44285.172	95.	682.5	5125.	17000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	22	3.179	3.147	5.322	0.	1.105	1.051	1.64	2.833	3.698	4.211
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1401.354								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station INDU0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	15	17.2	17.26	23.9	11.1	16.23	4.029	11.76	13.9	20.	23.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	16	285.	1262.5	13000.	0.	10280140.	3206.266	35.	87.5	632.5	5790.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	16	2.453	2.371	4.114	0.	0.803	0.896	1.189	1.938	2.789	3.636
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			234.857								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station INDU0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	13	18.3	18.162	22.8	10.	15.959	3.995	11.12	15.3	21.65	22.56
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	12	390.	2125.	12000.	120.	13092500.	3618.356	126.	192.5	3760.	10050.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	12	2.573	2.802	4.079	2.079	0.464	0.681	2.099	2.284	3.497	3.978
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			633.726								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station INDU0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	5	22.2	22.46	25.	20.6	2.668	1.633	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	5	210.	374.	1300.	40.	279080.	528.28	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	5	2.322	2.217	3.114	1.602	0.406	0.637	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			165.002								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station INDU0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	16	20.	19.55	23.9	10.	11.283	3.359	13.92	18.575	21.55	23.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	16	30.	544.	5800.	0.	2031035.2	1425.144	5.6	10.5	500.	2300.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	16	1.477	1.796	3.763	0.	0.988	0.994	0.632	1.02	2.699	3.161
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			62.466								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0225

NPS Station ID: INDU0225 | LAT/LON: 41.620837/ -87.260837 | Agency: 21ILL | Date Created: / /
Location: IND. BEACH, MARQUETTE PK., GARY | FIPS State/County: 17998 ILLINOIS/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 48302 /QW 82
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 04060200 | Depth of Water: 20 | Aquifer:
Major Basin: LAKE MICHIGAN | Elevation: 0 | Water Body Id:
Minor Basin: LAKE MICHIGAN | ECO Region:
RF1 Index: 04060200 | RF1 Mile Point: 0.000 | Distance from RF1: 3.50 | On/Off RF1:
RF3 Index: 04040001000300.05 | RF3 Mile Point: 20.28 | Distance from RF3: 0.01 | On/Off RF3:
Description:
STATION LOCATION IS ON LAKE MICHIGAN, AT MARQUETTE PARK, GARY, INDIANA. STATION LOCATION IS ON LAKE MICHIGAN, AT MARQUETTE PARK, GARY, INDIANA.
THIS STATION IS SAMPLED BY THE ILLINOIS E.P.A. ON A MONTHLY BASIS.

Parameter Inventory for Station: INDU0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/67-09/29/71	64	19.4	18.808	25.	10.	13.879	3.725	13.6	16.25	22.075	23.05
03501	BETA, TOTAL	09/04/68-09/11/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/67-09/29/71	71	260.	5643.099	220000.	0.	757705027.404	27526.442	32.	80.	1600.	3940.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/67-09/29/71	71	2.415	2.555	5.342	0.	0.913	0.956	1.502	1.903	3.204	3.595
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			358.567								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/24/67-09/10/69	51	20.	152.294	3500.	0.	284220.252	533.123	1.	5.	70.	230.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/24/67-09/10/69	51	1.301	1.272	3.544	0.	0.72	0.849	0.	0.699	1.845	2.362
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.722								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	19	9.	16.526	68.	0.	458.819	21.42	0.	2.	20.	61.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	19	0.954	0.853	1.833	0.	0.393	0.627	0.	0.301	1.301	1.785
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.131								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81211	FLUORIDE- STATE OF ILLINOIS (MG/L)	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD DIGEST.	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81219	IRON,TOTAL-STATE OF ILLINOIS,MG/L,COLD DIGEST	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81220	LEAD, STATE OF ILLINOIS,MG/L, COLD DIGEST.	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0225

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	71	24	0.34	2	0	0.00				32	15	0.47	37	9	0.24
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	51	6	0.12							24	4	0.17	27	2	0.07
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	19	0	0.00	2	0	0.00				8	0	0.00	9	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1967 - Station INDU0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/67-09/29/71	16	18.9	18.331	22.2	10.	9.509	3.084	13.5	16.375	20.	22.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/67-09/29/71	21	2000.	16395.238	220000.	60.	2443088216.19	49427.606	102.	400.	3450.	64000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/67-09/29/71	21	3.301	3.215	5.342	1.778	0.784	0.886	1.978	2.602	3.532	4.76
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1639.139								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station INDU0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/67-09/29/71	14	16.95	17.457	23.9	11.1	19.258	4.388	11.65	13.75	22.2	23.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/67-09/29/71	16	195.	2280.	27000.	0.	44744400.	6689.126	0.	82.5	1075.	11250.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/67-09/29/71	16	2.29	2.267	4.431	0.	1.308	1.144	0.	1.916	3.021	3.887
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			185.045								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station INDU0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/67-09/29/71	13	18.3	18.462	22.8	10.	15.991	3.999	11.56	15.3	22.2	22.56
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/67-09/29/71	14	240.	917.857	3700.	20.	1582741.209	1258.07	25.	70.	1800.	3300.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/67-09/29/71	14	2.379	2.483	3.568	1.301	0.538	0.733	1.389	1.845	3.24	3.515
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			304.164								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station INDU0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/67-09/29/71	5	22.8	22.58	25.	20.6	2.662	1.632	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/67-09/29/71	5	50.	426.	1300.	10.	333430.	577.434	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/67-09/29/71	5	1.699	2.032	3.114	1.	0.839	0.916	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			107.61								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station INDU0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/67-09/29/71	16	20.	19.569	23.9	10.	11.181	3.344	14.27	18.575	21.1	23.48
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/67-09/29/71	15	150.	326.667	1500.	20.	222766.667	471.982	32.	50.	400.	1440.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/67-09/29/71	15	2.176	2.178	3.176	1.301	0.303	0.551	1.482	1.699	2.602	3.158
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			150.624								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0226

NPS Station ID: INDU0226
LAT/LON: 41.631948/ -87.262505
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-62
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359062 /62-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 35
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 10.60
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 19.41
Distance from RF3: 0.59
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/80-06/25/81	13	12.	14.346	18.5	11.5	10.766	3.281	11.5	11.5	18.25	18.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-06/25/81	2	120.	120.	132.	108.	288.	16.971	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/80-06/25/81	13	235.	245.385	270.	230.	322.756	17.965	230.	230.	265.	270.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/80-06/25/81	13	310.	299.615	310.	280.	189.423	13.763	280.	285.	310.	310.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/80-06/25/81	13	10.9	10.346	11.2	9.1	0.774	0.88	9.1	9.25	11.	11.12
00400	PH (STANDARD UNITS)	05/20/80-06/25/81	13	8.4	8.362	8.4	8.3	0.003	0.051	8.3	8.3	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	05/20/80-06/25/81	13	8.4	8.359	8.4	8.3	0.003	0.051	8.3	8.3	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/80-06/25/81	13	0.004	0.004	0.005	0.004	0.	0.001	0.004	0.004	0.005	0.005
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/80-06/25/81	4	0.042	0.042	0.059	0.024	0.	0.017	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/80-06/25/81	4	0.368	0.314	0.46	0.06	0.036	0.189	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/20/80-06/25/81	4	0.245	0.245	0.25	0.24	0.	0.006	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/80-06/25/81	4	0.01	0.01	0.013	0.005	0.	0.004	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/20/80-06/25/81	4 ##	0.004	0.004	0.005	0.003	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-06/25/81	4	11.5	11.25	12.	10.	0.917	0.957	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/80-06/25/81	4	23.	23.25	24.	23.	0.25	0.5	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	05/20/80-06/25/81	4	0.095	0.093	0.1	0.08	0.	0.01	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-06/25/81	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-06/25/81	4	31.	30.75	32.	29.	1.583	1.258	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-06/25/81	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-06/25/81	4	1.5	1.5	2.	1.	0.333	0.577	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-06/25/81	4	1.	1.25	2.	1.	0.25	0.5	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/20/80-06/25/81	4	46.5	43.75	52.	30.	98.917	9.946	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-06/25/81	4	1.	0.875	1.	0.5	0.063	0.25	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-06/25/81	4 ##	0.275	0.275	0.5	0.05	0.068	0.26	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-06/25/81	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/20/80-06/25/81	4 ##	1.5	1.75	3.	1.	0.917	0.957	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-06/25/81	4 ##	0.075	0.1	0.2	0.05	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0226

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	13	0	0.00							13	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0226

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	13	0	0.00							13	0	0.00			
		Other-Lo Lim.	6.5	13	0	0.00							13	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00							4	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	4	0	0.00							4	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00							4	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	4	0	0.00							4	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	4	0	0.00							4	0	0.00			
		Drinking Water	50.	4	0	0.00							4	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	4	0	0.00							4	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	4	0	0.00							4	0	0.00			
		Drinking Water	5.	4	0	0.00							4	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	4	0	0.00							4	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	4	0	0.00							4	0	0.00			
		Drinking Water	1300.	4	0	0.00							4	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	4	0	0.00							4	0	0.00			
		Drinking Water	5.	4	0	0.00							4	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	4	0	0.00							4	0	0.00			
		Drinking Water	50.	4	0	0.00							4	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	4	0	0.00							4	0	0.00			
		Drinking Water	50.	4	0	0.00							4	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	4	0	0.00							4	0	0.00			
		Drinking Water	2.	4	0	0.00							4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0227

NPS Station ID: INDU0227
Location: NEAR-SHORE STATION-50
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 04060200
Major Basin: LAKE MICHIGAN
Minor Basin: CALUMET-BURNS DITCH COMPLEX
RF1 Index: 04060200
RF3 Index: 04040001000300.05
Description:

LAT/LON: 41.638615/ -87.262505
Depth of Water: 50
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 13.38

Agency: 21IND
FIPS State/County: 18998 INDIANA/
STORET Station ID(s): 359050 /50-N
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 16.70
Distance from RF3: 1.17

Date Created: 02/21/81
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: INDU0227

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/80-06/02/81	26	13.	12.154	16.	6.5	11.695	3.42	6.5	10.625	14.75	16.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	11/18/80-06/02/81	2	84.	84.	96.	72.	288.	16.971	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/16/80-06/02/81	26	260.	257.115	265.	245.	54.346	7.372	250.	250.	265.	265.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/80-06/02/81	26	302.5	297.885	310.	280.	122.346	11.061	280.	285.	306.25	310.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/80-06/02/81	26	9.75	9.904	11.2	8.8	0.497	0.705	9.07	9.3	10.35	11.03
00400	PH (STANDARD UNITS)	09/16/80-06/02/81	26	8.2	8.233	8.5	8.	0.023	0.152	8.085	8.1	8.4	8.5
00400	CONVERTED PH (STANDARD UNITS)	09/16/80-06/02/81	26	8.2	8.209	8.5	8.	0.024	0.154	8.085	8.1	8.4	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/80-06/02/81	26	0.006	0.006	0.01	0.003	0.	0.002	0.003	0.004	0.008	0.008
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/80-06/02/81	6	0.026	0.034	0.087	0.012	0.001	0.028	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/80-06/02/81	6	0.31	0.309	0.35	0.275	0.001	0.03	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/16/80-06/02/81	6	0.29	0.803	2.9	0.24	1.11	1.054	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/80-06/02/81	6	0.009	0.011	0.014	0.009	0.	0.002	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/16/80-06/02/81	6 ##	0.003	0.004	0.006	0.003	0.	0.002	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/80-06/02/81	6	9.5	10.	12.	9.	1.6	1.265	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/16/80-06/02/81	6	22.	22.167	23.	22.	0.167	0.408	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	09/16/80-06/02/81	6	0.35	0.45	0.9	0.2	0.083	0.288	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/16/80-06/02/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	09/16/80-06/02/81	6	14.5	16.	23.	11.	20.8	4.561	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/16/80-06/02/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/16/80-06/02/81	6	2.5	5.167	21.	1.	60.967	7.808	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/16/80-06/02/81	6	1.5	2.167	6.	1.	3.767	1.941	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/16/80-06/02/81	6	68.	65.5	73.	49.	70.7	8.408	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/16/80-06/02/81	6	1.	1.833	4.	1.	1.767	1.329	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/16/80-06/02/81	6 ##	0.5	0.35	0.5	0.05	0.054	0.232	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/16/80-06/02/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/16/80-06/02/81	6	2.5	2.833	6.	1.	3.767	1.941	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/16/80-06/02/81	6 ##	0.075	0.075	0.1	0.05	0.001	0.027	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0227

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	26	0	0.00	16	0	0.00				10	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0227

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	26	0	0.00	16	0	0.00				10	0	0.00			
		Other-Lo Lim.	6.5	26	0	0.00	16	0	0.00				10	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	4	0	0.00				2	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	6	0	0.00	4	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	4	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00	4	0	0.00				2	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	50.	6	0	0.00	4	0	0.00				2	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	6	0	0.00	4	0	0.00				2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	5.	6	0	0.00	4	0	0.00				2	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00	4	0	0.00				2	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	1300.	6	0	0.00	4	0	0.00				2	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	5.	6	0	0.00	4	0	0.00				2	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	50.	6	0	0.00	4	0	0.00				2	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	50.	6	0	0.00	4	0	0.00				2	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	6	0	0.00	4	0	0.00				2	0	0.00			
		Drinking Water	2.	6	0	0.00	4	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0228

NPS Station ID: INDU0228
LAT/LON: 41.573892/ -87.265281
Agency: 112WRD
Date Created: 04/14/78
Location: LAK164
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413426087155501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: C
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001012
RF1 Mile Point: 5.670
Distance from RF1: 23.70
On/Off RF1: ON
RF3 Index: 07120003000613.66
RF3 Mile Point: 13.66
Distance from RF3: 0.19
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0228

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/59-10/13/59	1	196.	196.	196.	196.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/13/59-10/13/59	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/13/59-10/13/59	1	488.	488.	488.	488.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/13/59-10/13/59	1	952.	952.	952.	952.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/59-10/13/59	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/13/59-10/13/59	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/13/59-10/13/59	1	1737.	1737.	1737.	1737.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0228

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	1	1.00	1	1	1.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0229

NPS Station ID: INDU0229 LAT/LON: 41.616670/ -87.268059 Agency: 1115GLSB Date Created: 05/01/82
Location: GRAND CALUMET R HEADWATERS LAGOON AT LAKE STREET FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GCR80-01 /GCR80-01S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 11.70 On/Off RF1:
RF3 Index: 04040001000501.22 RF3 Mile Point: 1.52 Distance from RF3: 1.18 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE GRAND CALUMET RIVER SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE GRAND CALUMET RIVER HEADWATERS LAGOON AT LAKE

Parameter Inventory for Station: INDU0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	12/04/80-12/04/80	2	13200.	13200.	15400.	11000.	9680000.	3111.27	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	12/04/80-12/04/80	2 ##	1212.5	1212.5	2100.	325.	1575312.5	1255.115	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	12/04/80-12/04/80	2	31.	31.	36.	26.	50.	7.071	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	12/04/80-12/04/80	2	265.	265.	360.	170.	18050.	134.35	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/04/80-12/04/80	2	115.	115.	120.	110.	50.	7.071	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	12/04/80-12/04/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	12/04/80-12/04/80	2	16.5	16.5	20.	13.	24.5	4.95	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	12/04/80-12/04/80	2	3.45	3.45	4.	2.9	0.605	0.778	**	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	12/04/80-12/04/80	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/80-12/04/80	2	9.75	9.75	11.	8.5	3.125	1.768	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	12/04/80-12/04/80	2	28.5	28.5	32.	25.	24.5	4.95	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	12/04/80-12/04/80	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	12/04/80-12/04/80	2	9.25	9.25	9.9	8.6	0.845	0.919	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	2	37.5	37.5	60.	15.	1012.5	31.82	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	12/04/80-12/04/80	2	2.1	2.1	2.3	1.9	0.08	0.283	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/80-12/04/80	2	4.5	4.5	4.7	4.3	0.08	0.283	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/80-12/04/80	2 ##	10.25	10.25	17.	3.5	91.125	9.546	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/80-12/04/80	2	750.	750.	1100.	400.	245000.	494.975	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	12/04/80-12/04/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	2	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/04/80-12/04/80	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	12/04/80-12/04/80	2	10.55	10.55	15.	6.1	39.605	6.293	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/80-12/04/80	2	35.5	35.5	38.	33.	12.5	3.536	**	**	**	**
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	12/04/80-12/04/80	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	12/04/80-12/04/80	2	2450.	2450.	2600.	2300.	45000.	212.132	**	**	**	**
01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	12/04/80-12/04/80	2	140.	140.	170.	110.	1800.	42.426	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/04/80-12/04/80	2	5400.	5400.	6100.	4700.	980000.	989.949	**	**	**	**
32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	12/04/80-12/04/80	2	1.4	1.4	1.9	0.9	0.5	0.707	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/04/80-12/04/80	2 ##	1100.	1100.	1700.	500.	720000.	848.528	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/04/80-12/04/80	2 ##	500.	500.	500.	500.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
45514	YTTRIUM IN SEDIMENT (MG/KG AS YTTRIUM DRY WT)	12/04/80-12/04/80	2	2.4	2.4	2.6	2.2	0.08	0.283	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/80-12/04/80	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	12/04/80-12/04/80	2	82.15	82.15	82.2	82.1	0.005	0.071	**	**	**	**
81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	12/04/80-12/04/80	2	22.	22.	23.	21.	2.	1.414	**	**	**	**
81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	12/04/80-12/04/80	2	24.5	24.5	26.	23.	4.5	2.121	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	12/04/80-12/04/80	2	2.15	2.15	2.2	2.1	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0230

NPS Station ID: INDU0230
LAT/LON: 41.615281/ -87.268337
Agency: 112WRD
Date Created: 03/16/79
Location: GRAND CALUMET R NR MARQUETTE PARK @ E GARY IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413655087160601
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 15.830
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001038900.00
RF3 Mile Point: 1.72
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/78-07/09/80	8	20.15	16.263	25.3	3.2	93.057	9.647	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/78-07/09/80	8	657.5	642.375	860.	235.	35756.839	189.095	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/03/78-07/09/80	8	9.6	8.9	12.2	0.9	12.894	3.591	**	**	**	**
00400	PH (STANDARD UNITS)	10/03/78-07/09/80	8	8.15	8.	8.7	7.1	0.249	0.499	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/03/78-07/09/80	8	8.147	7.723	8.7	7.1	0.336	0.58	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/78-07/09/80	8	0.007	0.019	0.079	0.002	0.001	0.026	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/23/79-08/23/79	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/78-07/09/80	3	120.	130.	160.	110.	700.	26.458	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/23/79-07/09/80	2	0.87	0.87	1.58	0.16	1.008	1.004	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/23/79-07/09/80	2	2.32	2.32	4.33	0.31	8.08	2.843	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/23/79-07/09/80	2	0.535	0.535	0.54	0.53	0.	0.007	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/16/78-07/09/80	3	0.5	0.52	0.57	0.49	0.002	0.044	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/16/78-07/09/80	3	0.03	0.155	0.43	0.005	0.057	0.238	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/16/78-07/09/80	3	0.52	0.673	1.	0.5	0.08	0.283	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/16/78-07/09/80	3	0.03	0.05	0.1	0.02	0.002	0.044	**	**	**	**
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	07/09/80-07/09/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/16/78-07/09/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/16/78-07/09/80	3	0.01	0.008	0.01	0.005	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/16/78-07/09/80	3 ##	0.005	0.003	0.005	0.	0.	0.003	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/16/78-07/09/80	3	6.7	8.033	11.	6.4	6.623	2.574	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/78-07/09/80	3	170.	176.667	210.	150.	933.333	30.551	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/16/78-07/09/80	3	46.	45.667	48.	43.	6.333	2.517	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/16/78-07/09/80	3	41.	43.	53.	35.	84.	9.165	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/16/78-07/09/80	3	16.	16.667	18.	16.	1.333	1.155	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/16/78-07/09/80	3	52.	50.667	54.	46.	17.333	4.163	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/16/78-07/09/80	3	1.7	1.667	1.9	1.4	0.063	0.252	**	**	**	**
00932	SODIUM, PERCENT	11/16/78-07/09/80	3	43.	42.333	52.	32.	100.333	10.017	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/23/79-08/23/79	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/16/78-07/09/80	3	3.2	3.367	4.	2.9	0.323	0.569	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/78-07/09/80	3	92.	90.	94.	84.	28.	5.292	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/78-07/09/80	3	34.	36.	43.	31.	39.	6.245	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/78-07/09/80	3	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/16/78-07/09/80	3	6.6	5.733	9.	1.6	14.253	3.775	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/23/79-08/23/79	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/78-08/23/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/78-08/23/79	2	20.	20.	20.	20.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/16/78-08/23/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/78-08/23/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/16/78-07/09/80	3	100.	96.667	100.	90.	33.333	5.774	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/16/78-08/23/79	2	50.	50.	70.	30.	800.	28.284	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/16/78-07/09/80	3	5.	12.667	30.	3.	226.333	15.044	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/16/78-08/23/79	2	25.	25.	30.	20.	50.	7.071	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/78-08/22/79	4	16.5	17.5	33.	4.	201.667	14.201	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/78-08/22/79	4	1.13	1.095	1.519	0.602	0.196	0.442	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			12.45								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/22/79	4	22.	23.	38.	10.	138.	11.747	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/22/79	4	1.338	1.314	1.58	1.	0.059	0.243	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			20.612								
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/16/78-08/23/79	2	6.5	6.5	8.	5.	4.5	2.121	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	2	28.	28.	35.	21.	98.	9.899	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	2	51.5	51.5	68.	35.	544.5	23.335	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	2	13.05	13.05	22.	4.1	160.205	12.657	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/78-08/23/79	2	18.	18.	27.	9.	162.	12.728	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/16/78-07/09/80	3	314.	324.667	355.	305.	710.333	26.652	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/16/78-07/09/80	3	0.43	0.44	0.48	0.41	0.001	0.036	**	**	**	**
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/23/79-07/09/80	2	346.5	346.5	584.	109.	112812.5	335.876	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/23/79-07/09/80	2	3.05	3.05	4.7	1.4	5.445	2.333	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/23/79-07/09/80	2	1.25	1.25	1.3	1.2	0.005	0.071	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/16/78-07/09/80	3	0.04	0.197	0.55	0.	0.094	0.307	**	**	**	**
75038	POTASSIUM 40, TOTAL	07/09/80-07/09/80	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: INDU0230

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	8	1	0.13	2	0	0.00	1	1	1.00	4	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	8	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0231

NPS Station ID: INDU0231
LAT/LON: 41.620281/ -87.268754
Agency: 21ILL
Date Created: / /
Location: INDIANA BEACH AT WELLS ST., GARY
FIPS State/County: 17998 ILLINOIS/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 48301 /QW 81
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 20
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: LAKE MICHIGAN
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 2.40
On/Off RF1:
RF3 Index: 04040001000400.00
RF3 Mile Point: 0.14
Distance from RF3: 0.15
On/Off RF3:
Description:
STATION LOCATION IS ON LAKE MICHIGAN AT THE INDIANA BEACH AT WELLS ST. STATION LOCATION IS ON LAKE MICHIGAN AT THE INDIANA BEACH AT WELLS ST.
GARY, INDIANA THIS STATION IS SAMPLED BY THE ILLINOIS E.P.A. ON A MONTHLY BASIS.

Parameter Inventory for Station: INDU0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	67	19.4	18.688	25.	10.	14.636	3.826	12.68	16.1	21.7	22.8
03501	BETA, TOTAL	09/04/68-09/11/68	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	71	360.	6011.268	250000.	0.	957011714.085	30935.606	14.	90.	1200.	3260.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	71	2.556	2.522	5.398	0.	0.961	0.98	1.095	1.954	3.079	3.513
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			332.622								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	49	13.	42.673	220.	1.	3168.183	56.287	3.	7.	71.5	113.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	05/17/67-09/10/69	49	1.114	1.236	2.342	0.	0.41	0.64	0.477	0.845	1.854	2.053
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			17.202								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	21	4.	9.857	43.	0.	131.329	11.46	0.2	1.	17.	28.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/01/70-09/29/71	21	0.602	0.692	1.633	0.	0.318	0.564	0.	0.	1.23	1.458
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.915								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81211	FLUORIDE- STATE OF ILLINOIS (MG/L)	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD DIGEST.	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81219	IRON,TOTAL-STATE OF ILLINOIS,MG/L,COLD DIGEST	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**
81220	LEAD, STATE OF ILLINOIS,MG/L, COLD DIGEST.	07/02/69-08/13/69	7	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0231

				Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	71	24	0.34	2	0	0.00				32	12	0.38	37	12	0.32
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	49	3	0.06							23	1	0.04	26	2	0.08
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	21	0	0.00	2	0	0.00				9	0	0.00	10	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1967 - Station INDU0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	18	18.9	17.894	22.2	11.1	12.213	3.495	12.09	15.4	20.725	22.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	21	1100.	18547.619	250000.	80.	3110917379.048	55775.598	118.	335.	3050.	63400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	21	3.041	3.181	5.398	1.903	0.815	0.903	2.068	2.524	3.484	4.799
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1518.702								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station INDU0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	15	17.2	17.407	23.9	11.1	16.895	4.11	11.76	13.9	21.1	23.9
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	15	280.	1047.333	6200.	0.	3874406.667	1968.351	24.	90.	1100.	5720.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	15	2.447	2.353	3.792	0.	0.841	0.917	0.961	1.954	3.041	3.756
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			225.293								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station INDU0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	13	18.9	18.331	22.8	10.	16.511	4.063	11.12	15.	21.65	22.56
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	14	420.	997.857	3600.	10.	1617064.286	1271.638	25.	97.5	1950.	3300.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	14	2.615	2.528	3.556	1.	0.601	0.776	1.301	1.976	3.272	3.517
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			337.154								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station INDU0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	5	22.8	22.9	25.	20.	4.67	2.161	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	5	40.	506.	2100.	0.	818980.	904.975	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	5	1.602	1.701	3.322	0.	1.699	1.303	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			50.213								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station INDU0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/67-09/29/71	16	20.	19.756	24.4	10.	10.695	3.27	14.69	19.025	21.55	23.28
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/17/67-09/29/71	16	145.	318.125	1100.	10.	130082.917	360.67	10.	30.	560.	960.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/17/67-09/29/71	16	2.155	2.066	3.041	1.	0.554	0.744	1.	1.477	2.744	2.98
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			116.526								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0232

NPS Station ID: INDU0232 | LAT/LON: 41.633337/ -87.269448 | Agency: 1115G050 | Date Created: / /
Location: LAKE MICHIGAN OPEN WATER | FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): LM014
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 04060200 | Depth of Water: 39 | Aquifer:
Major Basin: LAKE MICHIGAN | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 04060200 | RF1 Mile Point: 0.000 | Distance from RF1: 5.70 | On/Off RF1:
RF3 Index: 04040001000200.00 | RF3 Mile Point: 3.35 | Distance from RF3: 0.03 | On/Off RF3:
Description:
OPEN WATER LAKE MICHIGAN STATION SAMPLED DURING THE GLIRBP STUDY OF THE LAKE 1962-1964 LAT. 41D-38M-00.0S LONG. 087D-16M-10.0S

Parameter Inventory for Station: INDU0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/18/63	10	20.5	20.8	22.	20.	0.844	0.919	20.	20.	22.	22.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/18/63	8	2.	1.963	3.	1.1	0.44	0.663	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/18/63	10	265.5	262.7	274.	245.	99.344	9.967	245.5	253.75	271.	274.
00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/18/63	10	8.85	9.14	10.5	8.5	0.509	0.714	8.51	8.6	9.55	10.48
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/18/63	10	98.7	101.51	119.4	92.6	77.708	8.815	92.71	94.375	106.725	118.74
00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/18/63	5	1.3	1.32	2.2	0.7	0.317	0.563	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/63-09/18/63	9	8.4	8.356	8.8	7.8	0.133	0.364	7.8	8.05	8.7	8.8
00400	CONVERTED PH (STANDARD UNITS)	08/22/63-09/18/63	9	8.4	8.212	8.8	7.8	0.156	0.395	7.8	8.05	8.7	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/63-09/18/63	9	0.004	0.006	0.016	0.002	0.	0.006	0.002	0.002	0.01	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/18/63	9	104.	103.222	106.	95.	10.694	3.27	95.	103.	105.	106.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/18/63	4	175.	176.25	180.	175.	6.25	2.5	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-09/18/63	5	0.16	0.18	0.26	0.1	0.005	0.072	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-09/18/63	5	0.05	0.086	0.24	0.02	0.008	0.088	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/22/63-09/18/63	4	0.05	0.055	0.09	0.03	0.001	0.025	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/18/63	9	7.	7.333	8.	6.	0.5	0.707	6.	7.	8.	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/18/63	9	20.	20.556	24.	19.	2.778	1.667	19.	19.	21.5	24.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-09/18/63	5	0.	1.4	4.	0.	3.8	1.949	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0232

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	10	0	0.00	2	0	0.00							8	0	0.00
00400	PH	Other-Hi Lim.	9.	9	0	0.00	2	0	0.00							7	0	0.00
		Other-Lo Lim.	6.5	9	0	0.00	2	0	0.00							7	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	1	0	0.00							4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	2	0	0.00							7	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	9	0	0.00	2	0	0.00							7	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0233

NPS Station ID: INDU0233
LAT/LON: 41.527781/ -87.274449
Agency: 21IND
Date Created: 10/17/81
Location: LAKE GEORGE, LAKE COUNTY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 350180 /GEORGE4503
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 14
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: LAKE MICHIGAN WESTERN SHORE
ECO Region:
RF1 Index: 04040001016
RF1 Mile Point: 0.640
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001017100.00
RF3 Mile Point: 0.17
Distance from RF3: 0.10
On/Off RF3:
Description:
LOCATED W. OF HOBART IN CITY LIMITS, AREA=270 ACRES, MAX. DEPTH=14 FT.

Parameter Inventory for Station: INDU0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/10/76-08/10/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/10/76-08/10/76	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/10/76-08/10/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/10/76-08/10/76	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	08/10/76-08/10/76	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
71888	PHOSPHORUS, TOTAL SOLUBLE AS PO4 - MG/L	08/10/76-08/10/76	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	08/10/76-08/10/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0233

				Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0234

NPS Station ID: INDU0234
LAT/LON: 41.629170/ -87.281949
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-61
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359061 /61-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 45
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 10.20
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 17.05
Distance from RF3: 0.45
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0234

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/80-07/22/81	21	20.	17.19	22.	9.5	22.112	4.702	9.6	11.25	20.5	21.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	07/22/80-07/22/81	3	192.	146.	228.	18.	12612.	112.303	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/22/80-07/22/81	21	140.	198.333	265.	140.	3933.333	62.716	140.	140.	262.5	265.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/22/80-07/22/81	21	300.	300.714	305.	295.	5.714	2.39	300.	300.	300.	305.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/22/80-07/22/81	21	9.3	8.9	10.	7.8	0.77	0.877	7.8	7.95	9.7	9.98
00400	PH (STANDARD UNITS)	07/22/80-07/22/81	21	8.4	8.331	8.5	8.	0.028	0.167	8.02	8.2	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	07/22/80-07/22/81	21	8.4	8.298	8.5	8.	0.029	0.17	8.02	8.2	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/22/80-07/22/81	21	0.004	0.005	0.01	0.003	0.	0.002	0.003	0.003	0.006	0.01
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/22/80-07/22/81	7	0.024	0.032	0.084	0.005	0.001	0.028	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/22/80-07/22/81	7	0.51	0.485	0.59	0.33	0.007	0.086	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/22/80-07/22/81	7	0.22	0.223	0.32	0.17	0.003	0.058	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/22/80-07/22/81	7	0.008	0.009	0.016	0.005	0.	0.004	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/22/80-07/22/81	7 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/22/80-07/22/81	7	10.	10.143	11.	9.	0.476	0.69	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/22/80-07/22/81	7	22.	25.429	34.	21.	34.619	5.884	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	07/22/80-07/22/81	7	0.3	0.386	1.1	0.1	0.135	0.367	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/80-07/22/81	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/22/80-07/22/81	5	32.	30.8	34.	24.	17.2	4.147	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/22/80-07/22/81	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/22/80-07/22/81	5	2.	1.8	2.	1.	0.2	0.447	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/22/80-07/22/81	5	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/22/80-07/22/81	5	50.	172.8	450.	29.	36941.7	192.202	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/22/80-07/22/81	5 ##	0.5	0.7	1.	0.5	0.075	0.274	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/22/80-07/22/81	5 ##	0.5	0.32	0.5	0.05	0.061	0.246	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/80-07/22/81	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/22/80-07/22/81	7 ##	1.	1.857	4.	1.	1.476	1.215	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/22/80-07/22/81	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0234

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	21	0	0.00										21	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0234

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	21	0	0.00										21	0	0.00
		Other-Lo Lim.	6.5	21	0	0.00										21	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00										7	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	7	0	0.00										7	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00										7	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	7	0	0.00										7	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	5	0	0.00										5	0	0.00
		Drinking Water	50.	5	0	0.00										5	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	5	0	0.00										5	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	5	0	0.00										5	0	0.00
		Drinking Water	5.	5	0	0.00										5	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00										5	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	5	0	0.00										5	0	0.00
		Drinking Water	1300.	5	0	0.00										5	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	5	0	0.00										5	0	0.00
		Drinking Water	5.	5	0	0.00										5	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	5	0	0.00										5	0	0.00
		Drinking Water	50.	5	0	0.00										5	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	5	0	0.00										5	0	0.00
		Drinking Water	50.	5	0	0.00										5	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00										5	0	0.00
		Drinking Water	2.	5	0	0.00										5	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0235

NPS Station ID: INDU0235
LAT/LON: 41.638615/ -87.281949
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-49
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359049 /49-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 50
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 16.70
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 12.09
Distance from RF3: 1.05
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-10/20/81	41	11.5	10.195	22.5	3.5	20.048	4.478	3.5	3.5	13.	13.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/09/80-10/20/81	5	96.	112.8	240.	36.	6379.2	79.87	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/09/80-10/20/81	41	230.	232.073	265.	140.	1138.72	33.745	190.	190.	260.	265.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-10/20/81	41	300.	298.171	310.	280.	72.195	8.497	285.	297.5	302.5	310.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/80-10/20/81	41	10.7	10.9	12.8	9.2	1.723	1.312	9.42	9.8	12.75	12.8
00400	PH (STANDARD UNITS)	04/09/80-10/20/81	41	8.3	8.316	8.5	8.2	0.011	0.105	8.2	8.2	8.4	8.49
00400	CONVERTED PH (STANDARD UNITS)	04/09/80-10/20/81	41	8.3	8.304	8.5	8.2	0.011	0.106	8.2	8.2	8.4	8.49
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/80-10/20/81	41	0.005	0.005	0.006	0.003	0.	0.001	0.003	0.004	0.006	0.006
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-10/20/81	14	0.021	0.018	0.033	0.005	0.	0.011	0.005	0.005	0.029	0.032
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-10/20/81	14	0.275	0.283	0.49	0.15	0.008	0.088	0.16	0.228	0.34	0.44
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-10/20/81	14	0.26	0.251	0.29	0.17	0.002	0.044	0.17	0.23	0.29	0.29
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-10/20/81	14	0.008	0.01	0.041	0.003	0.	0.009	0.004	0.005	0.01	0.029
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/09/80-10/20/81	14 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-10/20/81	14	10.5	10.571	12.	10.	0.418	0.646	10.	10.	11.	11.5
00945	SULFATE, TOTAL (MG/L AS SO4)	04/09/80-10/20/81	14	23.	22.643	24.	20.	0.863	0.929	21.	22.	23.	23.5
00956	SILICA, TOTAL (MG/L AS SI02)	04/09/80-10/20/81	14	0.3	0.436	0.9	0.1	0.104	0.323	0.1	0.175	0.8	0.9
01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-10/20/81	11 ##	0.5	0.545	1.	0.5	0.023	0.151	0.5	0.5	0.5	0.9
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-10/20/81	11	29.	28.909	33.	25.	8.091	2.844	25.2	26.	31.	32.8
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-10/20/81	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-10/20/81	11	1.	1.455	3.	1.	0.473	0.688	1.	1.	2.	2.8
01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-10/20/81	11	1.	1.545	3.	1.	0.673	0.82	1.	1.	2.	3.
01045	IRON, TOTAL (UG/L AS FE)	05/20/80-10/20/81	11	73.	98.364	325.	29.	11657.455	107.97	29.4	31.	78.	320.
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-10/20/81	11	1.	1.455	3.	0.5	0.973	0.986	0.5	0.5	2.	3.
01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-10/20/81	11 ##	0.05	0.255	0.5	0.05	0.055	0.235	0.05	0.05	0.5	0.5
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-10/20/81	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/09/80-10/20/81	14 ##	1.	1.75	6.	1.	2.029	1.424	1.	1.	2.25	4.5
71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-10/20/81	11 ##	0.05	0.059	0.1	0.05	0.	0.02	0.05	0.05	0.05	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0235

			Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	41	0	0.00	10	0	0.00				30	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0235

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	41	0	0.00	10	0	0.00				30	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	41	0	0.00	10	0	0.00				30	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	2	0	0.00				10	0	0.00	2	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	14	0	0.00	2	0	0.00				10	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	14	0	0.00	2	0	0.00				10	0	0.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	14	0	0.00	2	0	0.00				10	0	0.00	2	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	11	0	0.00	2	0	0.00				7	0	0.00	2	0	0.00
		Drinking Water	50.	11	0	0.00	2	0	0.00				7	0	0.00	2	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	11	0	0.00	2	0	0.00				7	0	0.00	2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	11	0	0.00	2	0	0.00				7	0	0.00	2	0	0.00
		Drinking Water	5.	11	0	0.00	2	0	0.00				7	0	0.00	2	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	11	0	0.00	2	0	0.00				7	0	0.00	2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	11	0	0.00	2	0	0.00				7	0	0.00	2	0	0.00
		Drinking Water	1300.	11	0	0.00	2	0	0.00				7	0	0.00	2	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	11	0	0.00	2	0	0.00				7	0	0.00	2	0	0.00
		Drinking Water	5.	11	0	0.00	2	0	0.00				7	0	0.00	2	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	11	0	0.00	2	0	0.00				7	0	0.00	2	0	0.00
		Drinking Water	50.	11	0	0.00	2	0	0.00				7	0	0.00	2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	11	0	0.00	2	0	0.00				7	0	0.00	2	0	0.00
		Drinking Water	50.	11	0	0.00	2	0	0.00				7	0	0.00	2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	11	0	0.00	2	0	0.00				7	0	0.00	2	0	0.00
		Drinking Water	2.	11	0	0.00	2	0	0.00				7	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0236

NPS Station ID: INDU0236
LAT/LON: 41.613615/ -87.283059
Agency: 112WRD
Date Created: 03/16/79
Location: GRAND CALUMET R NR STEEL MILL LANDFILL @ E GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413649087165901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 15.440
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 07120003000607.78
RF3 Mile Point: 15.78
Distance from RF3: 0.31
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0236

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/78-07/09/80	8	19.3	16.15	25.4	3.6	85.92	9.269	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/78-07/09/80	8	871.	853.5	1378.	368.	78133.429	279.524	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/03/78-07/09/80	7	9.	8.129	15.5	0.6	22.686	4.763	**	**	**	**
00400	PH (STANDARD UNITS)	10/03/78-07/09/80	8	7.8	7.7	8.4	6.9	0.197	0.444	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/03/78-07/09/80	8	7.789	7.49	8.4	6.9	0.248	0.498	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/78-07/09/80	8	0.016	0.032	0.126	0.004	0.002	0.04	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/23/79-08/23/79	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/16/78-07/09/80	3	210.	206.667	230.	180.	633.333	25.166	**	**	**	**
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	08/23/79-07/09/80	2	1.455	1.455	2.52	0.39	2.268	1.506	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	08/23/79-07/09/80	2	2.835	2.835	5.2	0.47	11.186	3.345	**	**	**	**
00602	NITROGEN, DISSOLVED (MG/L AS N)	08/23/79-07/09/80	2	14.5	14.5	15.	14.	0.5	0.707	**	**	**	**
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	11/16/78-07/09/80	3	2.	3.333	7.	1.	10.333	3.215	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	11/16/78-07/09/80	3	13.	14.	16.	13.	3.	1.732	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	11/16/78-07/09/80	3	15.	17.333	23.	14.	24.333	4.933	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/16/78-07/09/80	3	0.4	0.367	0.4	0.3	0.003	0.058	**	**	**	**
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	07/09/80-07/09/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/16/78-07/09/80	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/16/78-07/09/80	3	0.01	0.012	0.02	0.005	0.	0.008	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/16/78-07/09/80	3 ##	0.005	0.003	0.005	0.	0.	0.003	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	11/16/78-07/09/80	3	11.	10.5	13.	7.5	7.75	2.784	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/16/78-07/09/80	3	300.	313.333	360.	280.	1733.333	41.633	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/16/78-07/09/80	3	97.	106.	130.	91.	441.	21.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/16/78-07/09/80	3	76.	76.	89.	63.	169.	13.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/16/78-07/09/80	3	29.	30.	34.	27.	13.	3.606	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/16/78-07/09/80	3	34.	32.667	37.	27.	26.333	5.132	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/16/78-07/09/80	3	0.9	0.8	0.9	0.6	0.03	0.173	**	**	**	**
00932	SODIUM, PERCENT	11/16/78-07/09/80	3	20.	21.333	30.	14.	65.333	8.083	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/23/79-08/23/79	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/16/78-07/09/80	3	10.	10.267	11.	9.8	0.413	0.643	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/16/78-07/09/80	3	62.	58.333	66.	47.	100.333	10.017	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/16/78-07/09/80	3	130.	140.	170.	120.	700.	26.458	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/16/78-07/09/80	3	0.6	0.633	0.7	0.6	0.003	0.058	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/16/78-07/09/80	3	15.	15.	18.	12.	9.	3.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	11/16/78-08/23/79	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/23/79-08/23/79	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/78-08/23/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	11/16/78-08/23/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0236

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	11/16/78-08/23/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	11/16/78-08/23/79	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/16/78-07/09/80	3	140.	133.333	170.	90.	1633.333	40.415	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	11/16/78-08/23/79	2	20.	20.	20.	20.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/16/78-07/09/80	3	220.	213.333	270.	150.	3633.333	60.277	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	11/16/78-08/23/79	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/78-08/22/79	4	8.5	11.5	29.	0.	165.667	12.871	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/13/78-08/22/79	4	0.858	0.795	1.462	0.	0.405	0.637	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.232								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/22/79	4	46.	449.	1700.	4.	696718.667	834.697	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/78-08/22/79	4	1.491	1.704	3.23	0.602	1.325	1.151	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			50.547								
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	11/16/78-08/23/79	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	11/16/78-08/23/79	2	4.	4.	4.	4.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/16/78-07/09/80	3	483.	496.333	555.	451.	2837.333	53.267	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/16/78-07/09/80	3	0.66	0.673	0.75	0.61	0.005	0.071	**	**	**	**
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	08/23/79-07/09/80	2	190.2	190.2	322.	58.4	34742.48	186.393	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	08/23/79-07/09/80	2	4.85	4.85	8.3	1.4	23.805	4.879	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	08/23/79-07/09/80	2	1.3	1.3	2.2	0.4	1.62	1.273	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	11/16/78-07/09/80	3	17.	18.333	21.	17.	5.333	2.309	**	**	**	**
75038	POTASSIUM 40, TOTAL	07/09/80-07/09/80	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0236

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	7	1	0.14	1	0	0.00	1	1	1.00	4	0	0.00	1	0	0.00
00400	PH	Other-Hi Lim.	9.	8	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0237

NPS Station ID: INDU0237
LAT/LON: 41.633337/ -87.283338
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM009
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 39
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 0.37
Distance from RF3: 0.09
On/Off RF3:
Description:
OPEN WATER LAKE MICHIGAN STATION SAMPLED DURING THE GLIRBP STUDY OF THE LAKE 1962-1964 LAT. 41D-38M-00.0S LONG. 087D-17M-00.0S

Parameter Inventory for Station: INDU0237

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/63-05/27/63	3	11.	11.	12.	10.	1.	1.	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/31/62-08/31/62	3	1.4	1.467	1.9	1.1	0.163	0.404	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/62-05/27/63	9	284.	279.444	295.	260.	156.778	12.521	260.	266.	290.	295.
00300	OXYGEN, DISSOLVED MG/L	08/31/62-05/27/63	9	9.5	9.633	11.6	7.2	2.147	1.465	7.2	8.55	11.2	11.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/27/63-05/27/63	3	102.3	102.633	104.1	101.5	1.773	1.332	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/31/62-10/19/62	2	0.9	0.9	1.2	0.6	0.18	0.424	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/62-05/27/63	4	8.2	8.225	8.3	8.2	0.003	0.05	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/19/62-05/27/63	4	8.2	8.223	8.3	8.2	0.003	0.05	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/62-05/27/63	4	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/31/62-05/27/63	7	107.	107.286	115.	101.	36.571	6.047	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	08/31/62-10/19/62	4	149.	150.75	164.	141.	102.917	10.145	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/31/62-10/19/62	4	141.5	142.75	153.	135.	56.25	7.5	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/31/62-10/19/62	3	6.	12.667	29.	3.	202.333	14.224	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	08/31/62-10/19/62	4	0.36	0.383	0.47	0.34	0.003	0.059	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/31/62-10/19/62	4	0.21	0.208	0.24	0.17	0.001	0.029	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/31/62-05/27/63	6	0.07	0.078	0.13	0.03	0.001	0.037	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/31/62-05/27/63	5	0.12	0.122	0.17	0.09	0.001	0.034	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/31/62-10/19/62	3	0.	0.003	0.01	0.	0.	0.006	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/62-10/19/62	3	33.	33.	34.	32.	1.	1.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/31/62-08/31/62	2	4.15	4.15	4.3	4.	0.045	0.212	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/62-10/19/62	4	10.	9.5	10.	8.	1.	1.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/62-08/31/62	2	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/62-10/19/62	3	7.	6.667	7.	6.	0.333	0.577	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/62-10/19/62	4	21.5	21.5	23.	20.	3.	1.732	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/62-10/19/62	4	1.1	1.45	3.	0.6	1.183	1.088	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/31/62-08/31/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/31/62-08/31/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/31/62-08/31/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/31/62-08/31/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/31/62-08/31/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/31/62-08/31/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	10/19/62-10/19/62	1	1.	1.	1.	1.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/31/62-10/19/62	3	0.01	0.02	0.04	0.01	0.	0.017	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0237

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	9	0	0.00	3	0	0.00				3	0	0.00	3	0	0.00
00400	PH	Other-Hi Lim.	9.	4	0	0.00	3	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	3	0	0.00				1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	2	0	0.00				1	0	0.00	2	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00							2	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	4	0	0.00	2	0	0.00							2	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00										1	0	0.00
		Drinking Water	1300.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00										1	0	0.00
		Drinking Water	5.	1	0	0.00										1	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00										1	0	0.00
		Drinking Water	100.	1	0	0.00										1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00										1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0238

NPS Station ID: INDU0238
LAT/LON: 41.625005/ -87.283338
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 42
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 22.20
On/Off RF1:
RF3 Index: 04040001000501.22
RF3 Mile Point: 1.52
Distance from RF3: 2.22
On/Off RF3:
Description:
OPEN WATER LAKE MICHIGAN STATION SAMPLED DURING THE GLIRBP STUDY OF THE LAKE 1962-1964 LAT. 41D-37M-30.0 LONG. 087D-17M-00.0S

Parameter Inventory for Station: INDU0238

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/27/63-05/27/63	2	280.	280.	289.	271.	162.	12.728	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/63-05/27/63	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/63-05/27/63	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/63-05/27/63	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0238

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0239

NPS Station ID: INDU0239 LAT/LON: 41.577781/ -87.288892 Agency: 12PURDUE Date Created: 06/01/78
Location: TTLE CALUMET AT GARY, INDIANA FIPS State/County: 00189 CANADA/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 013EFC
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 3276 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN LI ECO Region:
RF1 Index: 04040001012 RF1 Mile Point: 6.750 Distance from RF1: 32.40 On/Off RF1: ON
RF3 Index: 04040001000114.30 RF3 Mile Point: 25.64 Distance from RF3: 2.88 On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE METALS
SAMPLES OF SEDIMENT, DATES APPROXIMATE

Parameter Inventory for Station: INDU0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	1	38.	38.	38.	38.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0240

NPS Station ID: INDU0240
LAT/LON: 41.629170/ -87.295837
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM005
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 32
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 8.30
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 23.98
Distance from RF3: 0.43
On/Off RF3:
Description:
OPEN WATER LAKE MICHIGAN STATION SAMPLED DURING THE GLIRBP STUDY OF THE LAKE 1962-1964 41D-37M-45.0S LONG. 087D-17M-45.0S

Parameter Inventory for Station: INDU0240

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/18/63	10	21.	20.7	22.	20.	0.456	0.675	20.	20.	21.	21.9
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/06/63	6	1.95	2.	2.7	1.5	0.184	0.429	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/08/63	8	262.5	262.	274.	245.	143.429	11.976	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/18/63	10	8.9	8.98	9.7	8.4	0.188	0.434	8.42	8.675	9.325	9.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/18/63	10	98.4	99.71	108.6	92.5	29.672	5.447	92.71	96.025	103.825	108.58
00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/18/63	5	1.3	1.3	1.9	0.6	0.315	0.561	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/63-09/18/63	7	8.3	8.329	8.8	7.9	0.129	0.359	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/63-09/18/63	7	8.3	8.209	8.8	7.9	0.146	0.382	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/63-09/18/63	7	0.005	0.006	0.013	0.002	0.	0.005	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/18/63	9	103.	103.222	114.	95.	26.694	5.167	95.	100.5	105.	114.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/18/63	5	180.	181.	190.	170.	55.	7.416	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	10/22/63-12/08/63	5	2.6	2.18	3.7	0.4	1.822	1.35	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-12/08/63	14	0.15	0.154	0.4	0.02	0.012	0.111	0.02	0.03	0.208	0.345
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-11/24/63	7	0.11	0.113	0.2	0.01	0.004	0.066	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/22/63-09/18/63	5	0.02	0.042	0.1	0.01	0.001	0.038	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/63-09/18/63	9	34.	34.111	35.	33.	0.361	0.601	33.	34.	34.5	35.
00920	MAGNESIUM (MG/L AS CACO3)	08/22/63-09/18/63	9	4.1	4.211	5.2	3.6	0.331	0.575	3.6	3.75	4.7	5.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/63-09/18/63	9	0.8	0.867	1.1	0.7	0.02	0.141	0.7	0.75	1.	1.1
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/18/63	9	6.	5.556	6.	5.	0.278	0.527	5.	5.	6.	6.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/18/63	9	22.	22.111	24.	20.	1.861	1.364	20.	21.	23.	24.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/22/63-09/18/63	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/22/63-09/18/63	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/22/63-09/18/63	4	0.	0.001	0.005	0.	0.	0.003	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/22/63-09/18/63	4	0.02	0.035	0.08	0.02	0.001	0.03	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/22/63-09/18/63	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/22/63-09/18/63	4	0.	0.	0.	0.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-12/08/63	14	0.	0.736	3.	0.	1.424	1.193	0.	0.	2.	3.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/27/63-09/18/63	6	0.04	0.045	0.08	0.02	0.001	0.026	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0240

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	10	0	0.00	2	0	0.00							8	0	0.00
00400	PH	Other-Hi Lim.	9.	7	0	0.00	2	0	0.00							5	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00	2	0	0.00							5	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	3	0	0.00							4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	2	0	0.00							7	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	9	0	0.00	2	0	0.00							7	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00	1	0	0.00							3	0	0.00
		Drinking Water	5.	4	0	0.00	1	0	0.00							3	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	4	0	0.00	1	0	0.00							3	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	4	0	0.00	1	0	0.00							3	0	0.00
		Drinking Water	1300.	4	0	0.00	1	0	0.00							3	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00	1	0	0.00							3	0	0.00
		Drinking Water	5.	4	0	0.00	1	0	0.00							3	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	4	0	0.00	1	0	0.00							3	0	0.00
		Drinking Water	100.	4	0	0.00	1	0	0.00							3	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00	1	0	0.00							3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0241

NPS Station ID: INDU0241
LAT/LON: 41.638615/ -87.301393
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-48
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359048 /48-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 49
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 13.60
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 11.20
Distance from RF3: 0.98
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/80-10/20/81	40	12.5	12.675	20.	9.5	5.648	2.377	10.05	11.5	13.	16.15
00077	TRANSPARENCY, SECCHI DISC (INCHES)	05/20/80-10/20/81	4	102.	111.	204.	36.	5028.	70.908	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/80-10/20/81	40	245.	223.75	265.	140.	2581.731	50.811	140.	162.5	263.75	265.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/20/80-10/20/81	40	300.	299.	315.	280.	116.923	10.813	280.	288.75	308.75	310.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/20/80-10/20/81	40	9.85	9.945	11.	9.3	0.259	0.509	9.4	9.5	10.4	10.79
00400	PH (STANDARD UNITS)	05/20/80-10/20/81	40	8.3	8.305	8.5	8.	0.012	0.111	8.1	8.3	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	05/20/80-10/20/81	40	8.3	8.29	8.5	8.	0.013	0.112	8.1	8.3	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/80-10/20/81	40	0.005	0.005	0.01	0.003	0.	0.001	0.004	0.004	0.005	0.008
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/20/80-10/20/81	9	0.023	0.023	0.044	0.005	0.	0.013	0.005	0.009	0.032	0.044
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/20/80-10/20/81	9	0.3	0.305	0.365	0.25	0.002	0.04	0.25	0.27	0.348	0.365
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/20/80-10/20/81	9	0.24	0.244	0.29	0.22	0.001	0.023	0.22	0.225	0.26	0.29
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/20/80-10/20/81	9	0.006	0.007	0.01	0.005	0.	0.002	0.005	0.006	0.009	0.01
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	08/25/80-10/20/81	7 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/80-10/20/81	9	10.	10.556	13.	9.	1.528	1.236	9.	10.	11.5	13.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/80-10/20/81	9	23.	22.	24.	19.	2.75	1.658	19.	20.5	23.	24.
00956	SILICA, TOTAL (MG/L AS SI02)	05/20/80-10/20/81	9	0.4	0.506	1.1	0.06	0.139	0.373	0.06	0.195	0.9	1.1
01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-10/20/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-10/20/81	6	29.5	28.	31.	23.	12.8	3.578	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-10/20/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-10/20/81	6	1.	1.5	3.	1.	0.7	0.837	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-10/20/81	6	1.	1.25	2.	0.5	0.375	0.612	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	05/20/80-10/20/81	6	65.	140.833	330.	30.	20575.767	143.443	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-10/20/81	6	1.5	1.667	3.	0.5	1.367	1.169	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-10/20/81	6 ##	0.05	0.2	0.5	0.05	0.054	0.232	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-10/20/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/25/80-10/20/81	7 ##	1.	1.714	4.	1.	1.571	1.254	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-10/20/81	6 ##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0241

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	40	0	0.00	10	0	0.00				20	0	0.00	10	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0241

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	40	0	0.00	10	0	0.00				20	0	0.00	10	0	0.00
		Other-Lo Lim.	6.5	40	0	0.00	10	0	0.00				20	0	0.00	10	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	2	0	0.00				4	0	0.00	3	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	7	0	0.00	2	0	0.00				2	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	2	0	0.00				4	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	9	0	0.00	2	0	0.00				4	0	0.00	3	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00	2	0	0.00				4	0	0.00			
		Drinking Water	50.	6	0	0.00	2	0	0.00				4	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	6	0	0.00	2	0	0.00				4	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	6	0	0.00	2	0	0.00				4	0	0.00			
		Drinking Water	5.	6	0	0.00	2	0	0.00				4	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00	2	0	0.00				4	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	6	0	0.00	2	0	0.00				4	0	0.00			
		Drinking Water	1300.	6	0	0.00	2	0	0.00				4	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00	2	0	0.00				4	0	0.00			
		Drinking Water	5.	6	0	0.00	2	0	0.00				4	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	6	0	0.00	2	0	0.00				4	0	0.00			
		Drinking Water	50.	6	0	0.00	2	0	0.00				4	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	6	0	0.00	2	0	0.00				4	0	0.00			
		Drinking Water	50.	6	0	0.00	2	0	0.00				4	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	6	0	0.00	2	0	0.00				4	0	0.00			
		Drinking Water	2.	6	0	0.00	2	0	0.00				4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0242

NPS Station ID: INDU0242
LAT/LON: 41.629170/ -87.301393
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-60
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359060 /60-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 44
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 5.70
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 9.09
Distance from RF3: 0.21
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/80-07/22/81	28	15.5	17.	22.5	13.5	8.815	2.969	13.5	14.5	20.375	21.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	06/25/80-07/22/81	3	120.	132.	192.	84.	3024.	54.991	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	06/25/80-07/22/81	28	260.	257.5	270.	140.	582.407	24.133	250.	260.	270.	270.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/25/80-07/22/81	28	305.	303.036	310.	290.	41.369	6.432	290.	300.	310.	310.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/25/80-07/22/81	28	9.1	8.879	10.1	7.8	0.571	0.755	7.89	8.125	9.3	10.01
00400	PH (STANDARD UNITS)	06/25/80-07/22/81	28	8.375	8.325	8.7	8.1	0.03	0.174	8.1	8.2	8.4	8.6
00400	CONVERTED PH (STANDARD UNITS)	06/25/80-07/22/81	28	8.374	8.293	8.7	8.1	0.031	0.177	8.1	8.2	8.4	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/25/80-07/22/81	28	0.004	0.005	0.008	0.002	0.	0.002	0.003	0.004	0.006	0.008
00600	NITROGEN, TOTAL (MG/L AS N)	06/25/80-06/25/80	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/25/80-07/22/81	10	0.028	0.031	0.06	0.005	0.	0.019	0.005	0.016	0.048	0.059
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/25/80-07/22/81	10	0.51	0.482	0.608	0.32	0.01	0.101	0.321	0.398	0.564	0.606
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/25/80-07/22/81	10	0.225	0.221	0.25	0.18	0.001	0.028	0.181	0.198	0.25	0.25
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/25/80-07/22/81	10	0.01	0.009	0.012	0.005	0.	0.002	0.005	0.008	0.01	0.012
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	06/25/80-07/22/81	8 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/25/80-07/22/81	10	10.	10.1	11.	9.	0.544	0.738	9.	9.75	11.	11.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/25/80-07/22/81	10	22.	23.	25.	22.	2.	1.414	22.	22.	25.	25.
00956	SILICA, TOTAL (MG/L AS SI02)	06/25/80-07/22/81	10	0.3	0.35	0.9	0.1	0.067	0.259	0.1	0.175	0.475	0.88
01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/80-07/22/81	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/22/80-07/22/81	7	28.	24.286	32.	10.	75.238	8.674	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/22/80-07/22/81	7 ##	0.5	0.714	2.	0.5	0.321	0.567	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/22/80-07/22/81	7	2.	1.714	3.	1.	0.571	0.756	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/22/80-07/22/81	7	1.	1.143	2.	1.	0.143	0.378	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/22/80-07/22/81	7	68.	95.714	180.	30.	3556.571	59.637	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/22/80-07/22/81	7 ##	0.5	0.857	2.	0.5	0.31	0.556	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/22/80-07/22/81	7 ##	0.5	0.307	0.5	0.05	0.058	0.241	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/80-07/22/81	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/25/80-07/22/81	8 ##	1.	4.25	19.	1.	39.071	6.251	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	06/25/80-06/25/80	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/25/80-06/25/80	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/22/80-07/22/81	7 ##	0.05	0.079	0.2	0.05	0.003	0.057	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0242

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	28	0	0.00	9	0	0.00				9	0	0.00	10	0	0.00
00400	PH	Other-Hi Lim.	9.	28	0	0.00	9	0	0.00				9	0	0.00	10	0	0.00
		Other-Lo Lim.	6.5	28	0	0.00	9	0	0.00				9	0	0.00	10	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	10	0	0.00	2	0	0.00				3	0	0.00	5	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	8	0	0.00	2	0	0.00				3	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	2	0	0.00				3	0	0.00	5	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	10	0	0.00	2	0	0.00				3	0	0.00	5	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	7	0	0.00	2	0	0.00							5	0	0.00
		Drinking Water	50.	7	0	0.00	2	0	0.00							5	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	7	0	0.00	2	0	0.00							5	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	7	0	0.00	2	0	0.00							5	0	0.00
		Drinking Water	5.	7	0	0.00	2	0	0.00							5	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	7	0	0.00	2	0	0.00							5	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	7	0	0.00	2	0	0.00							5	0	0.00
		Drinking Water	1300.	7	0	0.00	2	0	0.00							5	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	7	0	0.00	2	0	0.00							5	0	0.00
		Drinking Water	5.	7	0	0.00	2	0	0.00							5	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	7	0	0.00	2	0	0.00							5	0	0.00
		Drinking Water	50.	7	0	0.00	2	0	0.00							5	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	7	0	0.00	2	0	0.00							5	0	0.00
		Drinking Water	50.	7	0	0.00	2	0	0.00							5	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00							1	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00							1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00							1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00							1	0	0.00			
		Drinking Water	3.	1	0	0.00							1	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00							1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00							1	0	0.00			
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	2	0	0.00							5	0	0.00
		Drinking Water	2.	7	0	0.00	2	0	0.00							5	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0243

NPS Station ID: INDU0243
LAT/LON: 41.608616/ -87.307227
Agency: 112WRD
Date Created: 06/22/85
Location: US.STEEL OUTFALL #1 @ GARY,IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413631087182600
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 7.320
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 19.97
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0243

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0244

NPS Station ID: INDU0244
LAT/LON: 41.608616/ -87.308337
Agency: 112WRD
Date Created: 06/22/85
Location: US.STEEL OUTFALL #2 @ GARY,IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413631087183000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 7.320
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 20.30
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0244

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0245

NPS Station ID: INDU0245
LAT/LON: 41.642226/ -87.308337
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM019
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 39
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 6.50
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 0.47
Distance from RF3: 0.31
On/Off RF3:
Description:
OPEN WATER LAKE MICHIGAN STATION SAMPLED DURING THE GLIRBP STUDY OF THE LAKE 1962-1964 LAT.41D-38M-32.0S LONG. 087D-18M-30.0S

Parameter Inventory for Station: INDU0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/18/63	13	20.	20.385	22.	19.	0.756	0.87	19.	20.	21.	21.6
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/18/63	8	2.	1.963	2.4	1.5	0.088	0.297	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/18/63	13	267.	265.385	281.	250.	105.256	10.259	250.	255.	272.5	280.2
00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/18/63	13	8.6	8.769	9.5	8.4	0.101	0.317	8.44	8.55	8.95	9.38
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/18/63	13	95.1	96.531	105.6	92.5	16.119	4.015	92.74	93.35	99.5	103.76
00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/18/63	6	1.6	1.45	1.7	0.7	0.151	0.389	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/63-09/18/63	10	8.25	8.32	8.7	8.1	0.055	0.235	8.1	8.1	8.55	8.7
00400	CONVERTED PH (STANDARD UNITS)	08/22/63-09/18/63	10	8.247	8.271	8.7	8.1	0.058	0.24	8.1	8.1	8.55	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/63-09/18/63	10	0.006	0.005	0.008	0.002	0.	0.002	0.002	0.003	0.008	0.008
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/18/63	12	102.5	102.167	109.	96.	15.061	3.881	96.3	99.	104.	108.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/18/63	5	170.	171.	180.	165.	42.5	6.519	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-09/18/63	6	0.175	0.187	0.29	0.12	0.005	0.073	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-09/18/63	6	0.045	0.06	0.15	0.03	0.002	0.045	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/27/63-09/18/63	5	0.05	0.05	0.07	0.02	0.	0.021	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/18/63	10	7.	6.3	9.	4.	2.233	1.494	4.1	5.	7.	8.8
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/18/63	10	22.	21.4	24.	15.	8.711	2.951	15.3	20.25	24.	24.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-09/18/63	6	0.25	1.083	5.	0.	3.842	1.96	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0245

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	13	0	0.00	2	0	0.00							11	0	0.00
00400	PH	Other-Hi Lim.	9.	10	0	0.00	2	0	0.00							8	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00	2	0	0.00							8	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00							5	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	2	0	0.00							8	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	10	0	0.00	2	0	0.00							8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0246

NPS Station ID: INDU0246
LAT/LON: 41.599837/ -87.309142
Agency: 12PURDUE
Date Created: 06/05/78
Location: GARY BORROW PIT
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): NS1ABP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 13.640
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001022100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF A BORROW PIT NEAR GARY, INDIANA, ADJACENT INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0246

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	1	376.	376.	376.	376.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	1	751.	751.	751.	751.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0247

NPS Station ID: INDU0247
LAT/LON: 41.599559/ -87.309031
Agency: 12PURDUE
Date Created: 06/05/78
Location: GARY BORROW PIT
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): EW1GBP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 13.640
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 07120003000607.78
RF3 Mile Point: 11.65
Distance from RF3: 0.28
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF A BORROW PIT NEAR GARY, INDIANA, ADJACENT INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0247

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	1	259.	259.	259.	259.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	1	598.	598.	598.	598.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0248

NPS Station ID: INDU0248
LAT/LON: 41.599670/ -87.309253
Agency: 12PURDUE
Date Created: 06/05/78
Location: GARY BORROW PIT
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): EW2GBP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 13.640
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001022100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF A BORROW PIT NEAR GARY, INDIANA, ADJACENT INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	1	0.91	0.91	0.91	0.91	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	1	97.	97.	97.	97.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0249

NPS Station ID: INDU0249 | LAT/LON: 41.599587/ -87.309392 | Agency: 12PURDUE | Date Created: 06/05/78
Location: GARY BORROW PIT | FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): NS1CBP
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 04040001 | Depth of Water: 3276 | Aquifer:
Major Basin: LAKE MICHIGAN G | Elevation: 0 | Water Body Id:
Minor Basin: ALIEN | ECO Region:
RF1 Index: 04040001010 | RF1 Mile Point: 13.640 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 04040001022100.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.01 | On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF A BORROW PIT NEAR GARY, INDIANA, ADJACENT INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	1	202.	202.	202.	202.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	1	403.	403.	403.	403.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0250

NPS Station ID: INDU0250
LAT/LON: 41.599948/ -87.309477
Agency: 12PURDUE
Date Created: 06/08/78
Location: GARY BORROW PIT 08
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): EW3GBP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 13.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001022100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF A BORROW PIT NEAR GARY, INDIANA, ADJACENT TO INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	1	412.	412.	412.	412.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	1	840.	840.	840.	840.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0251

NPS Station ID: INDU0251
LAT/LON: 41.627227/ -87.309726
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM003
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 32
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 4.00
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 20.60
Distance from RF3: 0.03
On/Off RF3:
Description:
OPEN WATER LAKE MICHIGAN STATION SAMPLED DURING THE GLIRBP STUDY OF THE LAKE 1962-1964 LAT. 41D-37M-38.0 LONG. 087D-18M-35.0S

Parameter Inventory for Station: INDU0251

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/18/63	10	21.	20.6	21.	20.	0.267	0.516	20.	20.	21.	21.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/18/63	8	2.2	2.15	2.5	1.8	0.066	0.256	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/18/63	10	262.5	260.7	275.	240.	121.567	11.026	241.	253.75	269.	275.
00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/18/63	10	8.9	8.95	9.7	8.3	0.163	0.403	8.32	8.725	9.225	9.66
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/18/63	10	98.35	99.04	108.2	92.3	21.903	4.68	92.58	95.7	102.425	107.72
00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/18/63	5	1.3	1.42	2.	0.9	0.187	0.432	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/63-09/18/63	7	8.4	8.357	8.8	7.8	0.156	0.395	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/63-09/18/63	7	8.4	8.204	8.8	7.8	0.184	0.428	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/63-09/18/63	7	0.004	0.006	0.016	0.002	0.	0.006	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/18/63	9	104.	103.556	107.	97.	11.778	3.432	97.	101.	106.5	107.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/18/63	5	170.	174.	190.	165.	92.5	9.618	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-09/18/63	5	0.2	0.238	0.39	0.13	0.012	0.109	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-09/18/63	4	0.065	0.2	0.62	0.05	0.078	0.28	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/27/63-09/18/63	4	0.035	0.065	0.18	0.01	0.006	0.079	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/63-09/18/63	9	35.	34.556	35.	33.	0.778	0.882	33.	34.	35.	35.
00920	MAGNESIUM (MG/L AS CACO3)	08/22/63-09/18/63	9	3.8	4.056	5.4	3.4	0.475	0.689	3.4	3.5	4.6	5.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/63-09/18/63	9	0.7	0.7	1.	0.5	0.02	0.141	0.5	0.6	0.75	1.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/18/63	9	6.	6.333	8.	5.	1.5	1.225	5.	5.	7.5	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/18/63	9	22.	22.889	27.	20.	5.611	2.369	20.	21.	25.	27.
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/63-08/22/63	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/63-09/18/63	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/26/63-09/18/63	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/63-09/18/63	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/26/63-09/18/63	4	0.015	0.015	0.02	0.009	0.	0.006	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/26/63-09/18/63	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/26/63-09/18/63	4	0.	0.	0.	0.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-09/18/63	5	3.	2.	4.	0.	3.5	1.871	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/22/63-09/18/63	7	0.04	0.043	0.08	0.02	0.	0.021	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0251

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	10	0	0.00	2	0	0.00							8	0	0.00
00400	PH	Other-Hi Lim.	9.	7	0	0.00	2	0	0.00							5	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00	2	0	0.00							5	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	1	0	0.00							3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	2	0	0.00							7	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	9	0	0.00	2	0	0.00							7	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00	1	0	0.00							3	0	0.00
		Drinking Water	5.	4	0	0.00	1	0	0.00							3	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	4	0	0.00	1	0	0.00							3	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	4	0	0.00	1	0	0.00							3	0	0.00
		Drinking Water	1300.	4	0	0.00	1	0	0.00							3	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00	1	0	0.00							3	0	0.00
		Drinking Water	5.	4	0	0.00	1	0	0.00							3	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	4	0	0.00	1	0	0.00							3	0	0.00
		Drinking Water	100.	4	0	0.00	1	0	0.00							3	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00	1	0	0.00							3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0252

NPS Station ID: INDU0252
LAT/LON: 41.600420/ -87.309781
Agency: 12PURDUE
Date Created: 06/05/78
Location: GARY BORROW PIT
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): EW4GBP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 13.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001022100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF A BORROW PIT NEAR GARY, INDIANA, ADJACENT INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0252

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0253

NPS Station ID: INDU0253
Location: U.S. STEEL GARY WORKS GARY
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 04040001
Major Basin: 08 WESTERN GREAT LAKES
Minor Basin: 49 CALUMET-BURNS DITCH
RF1 Index: 04040001010
RF3 Index: 04040001000300.05
Description:
OUTFALL GW2 007

LAT/LON: 41.608616/ -87.310004

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 13.740
RF3 Mile Point: 10.73

Agency: 21INDN
FIPS State/County: 18089 INDIANA/LAKE
STORET Station ID(s): 313902 /IN0000281
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.03

Date Created: / /

On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: INDU0253

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0254

NPS Station ID: INDU0254
LAT/LON: 41.600477/ -87.310059
Agency: 12PURDUE
Date Created: 06/16/78
Location: GARY BORROW PIT
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): NS2ABP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 13.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001059900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.07
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRA ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF A BORROW PIT NEAR GARY, INDIANA, ADJACENT TO INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0254

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	1	56.	56.	56.	56.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	1	117.	117.	117.	117.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0255

NPS Station ID: INDU0255
LAT/LON: 41.600392/ -87.310171
Agency: 12PURDUE
Date Created: 06/05/78
Location: GARY BORROW PIT
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): EW5GBP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 13.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001022100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF A BORROW PIT NEAR GARY, INDIANA, ADJACENT INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	1	466.	466.	466.	466.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	1	998.	998.	998.	998.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0256

NPS Station ID: INDU0256
LAT/LON: 41.600170/ -87.310365
Agency: 12PURDUE
Date Created: 06/20/78
Location: GARY BORROW PIT
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): NS2CBP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 13.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001022100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF A BORROW PIT NEAR GARY, INDIANA, ADJACENT TO INDIANA TOLL ROAD SAMPLE OF THE TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	1	385.	385.	385.	385.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	1	753.	753.	753.	753.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0257

NPS Station ID: INDU0257
LAT/LON: 41.600670/ -87.310642
Agency: 12PURDUE
Date Created: 06/05/78
Location: GARY BORROW PIT
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): EW6GBP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 13.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001022100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF A BORROW PIT NEAR GARY, INDIANA, ADJACENT INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	1	445.	445.	445.	445.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	1	879.	879.	879.	879.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0258

NPS Station ID: INDU0258
LAT/LON: 41.599920/ -87.310559
Agency: 12PURDUE
Date Created: 06/05/78
Location: GARY BORROW PIT
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): NS2DBP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 13.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001022100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF A BORROW PIT NEAR GARY, INDIANA, ADJACENT INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	1	316.	316.	316.	316.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	1	614.	614.	614.	614.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0259

NPS Station ID: INDU0259
LAT/LON: 41.600892/ -87.311060
Agency: 12PURDUE
Date Created: 06/05/78
Location: GARY BORROW PIT
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): EW7GBP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 13.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001022100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF A BORROW PIT NEAR GARY, INDIANA, ADJACENT INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0259

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	1	424.	424.	424.	424.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	1	785.	785.	785.	785.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0260

NPS Station ID: INDU0260
LAT/LON: 41.601059/ -87.311448
Agency: 12PURDUE
Date Created: 06/05/78
Location: GARY BORROW PIT
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): EW8GBP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 3276
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: GALIEN
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 13.530
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 04040001022100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:
DATA FROM PURDUE UNIVERSITY, ENVIRONMENTAL FLOW OF CADMIUM AND OTHER TRACE ELEMENTS - INTENSIVE SEDIMENT SAMPLING OF A BORROW PIT NEAR GARY, INDIANA, ADJACENT INDIANA TOLL ROAD SAMPLE OF TOP FOUR INCHES OF SEDIMENT
CONCENTRATIONS REPRESENT AVERAGE OF TWO REPLICATE SAMPLES

Parameter Inventory for Station: INDU0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	06/22/73-06/22/73	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	06/22/73-06/22/73	1	419.	419.	419.	419.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	06/22/73-06/22/73	1	690.	690.	690.	690.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0261

NPS Station ID: INDU0261
LAT/LON: 41.608337/ -87.311948
Agency: 112WRD
Date Created: 06/22/85
Location: US.STEEL OUTFALL #3 @ GARY,IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413630087184300
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 7.530
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 9.98
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0261

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0262

NPS Station ID: INDU0262
LAT/LON: 41.608059/ -87.314727
Agency: 21INDN
Date Created: / /
Location: U.S. STEEL GARY WORKS GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313903
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 13.290
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 19.97
Distance from RF3: 0.08
On/Off RF3:
Description:
OUTFALL GW2A 009

Parameter Inventory for Station: INDU0262

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/08/72-03/31/73	55	19.	18.764	31.	6.	55.369	7.441	8.6	13.	27.	28.
00056	FLOW, RATE GALLONS/DAY	01/08/72-03/31/73	55	1500000.	1973454.545	4400000.	200000.	**********	1235161.135	310000.	1100000.	3300000.	3900000.
00400	PH (STANDARD UNITS)	01/08/72-03/31/73	55	7.7	7.622	8.4	6.3	0.125	0.354	7.1	7.5	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	01/08/72-03/31/73	55	7.7	7.423	8.4	6.3	0.166	0.407	7.1	7.5	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/72-03/31/73	55	0.02	0.038	0.501	0.004	0.005	0.068	0.01	0.016	0.032	0.079
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/08/72-03/31/73	55	29.	33.818	205.	4.	841.337	29.006	8.6	20.	41.	57.
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/08/72-03/31/73	55	1.	1.764	9.	0.	4.11	2.027	0.	0.	3.	5.
74010	IRON, TOTAL (MG/L AS FE)	01/08/72-03/31/73	55	3.2	5.504	95.	0.1	162.899	12.763	0.78	1.7	4.4	9.06
85002	SOLIDS, SUSPENDED - (#/DAY)	01/08/72-03/31/73	55	408.	654.8	6660.	86.	949713.978	974.533	104.8	150.	736.	1444.
85012	IRON, TOTAL - (#/DAY)	01/08/72-03/31/73	55	46.	131.891	3090.	1.	177187.025	420.936	7.6	15.	96.	250.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0262

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	55	0	0.00	16	0	0.00	14	0	0.00	17	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	55	1	0.02	16	1	0.06	14	0	0.00	17	0	0.00	8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0263

NPS Station ID: INDU0263
LAT/LON: 41.608059/ -87.315560
Agency: 112WRD
Date Created: 06/22/85
Location: US.STEEL OUTFALL #4 @ GARY,IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413629087185600
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 13.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 14.64
Distance from RF3: 0.20
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0264

NPS Station ID: INDU0264
LAT/LON: 41.608059/ -87.316393
Agency: 21INDN
Date Created: / /
Location: U.S. STEEL GARY WORKS GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313904
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 13.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 21.36
Distance from RF3: 0.16
On/Off RF3:
Description:
OUTFALL GW3 010

Parameter Inventory for Station: INDU0264

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/72-03/24/73	54	24.5	26.296	40.	11.	65.722	8.107	16.	20.	34.25	37.
00056	FLOW, RATE GALLONS/DAY	01/03/72-03/24/73	54	3850000.	3947962.963	5400000.	2700000.	560937281621.244	748957.463	2710000.	3600000.	4600000.	4900000.
00400	PH (STANDARD UNITS)	01/03/72-03/24/73	54	7.5	7.496	8.3	6.6	0.134	0.366	6.95	7.2	7.725	8.
00400	CONVERTED PH (STANDARD UNITS)	01/03/72-03/24/73	54	7.5	7.345	8.3	6.6	0.157	0.396	6.95	7.2	7.725	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/03/72-03/24/73	54	0.032	0.045	0.251	0.005	0.002	0.043	0.01	0.019	0.063	0.113
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/03/72-03/24/73	52	13.	16.769	176.	1.	558.456	23.632	4.	8.	18.	22.7
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/03/72-03/24/73	54	2.	3.204	16.	0.	10.882	3.299	0.	1.	4.25	7.5
74010	IRON, TOTAL (MG/L AS FE)	01/03/72-03/24/73	54	0.6	0.991	5.2	0.1	1.297	1.139	0.1	0.4	1.125	2.6
85002	SOLIDS, SUSPENDED - (#/DAY)	01/03/72-03/24/73	52	452.5	829.596	5870.	31.	1586798.442	1259.682	130.	295.	644.5	2698.
85012	IRON, TOTAL - (#/DAY)	01/03/72-03/24/73	54	20.	90.926	1220.	3.	61415.542	247.822	4.	11.75	37.25	135.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0264

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	54	0	0.00	17	0	0.00	13	0	0.00	16	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	54	0	0.00	17	0	0.00	13	0	0.00	16	0	0.00	8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0265

NPS Station ID: INDU0265
LAT/LON: 41.608059/ -87.316393
Agency: 21INDN
Date Created: / /
Location: U.S.STEEL GARY WORKS
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313905
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 13.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001019100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.38
On/Off RF3:
Description:
OUTFALL GW3A 011

Parameter Inventory for Station: INDU0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/03/72-02/21/73	48	19.	18.458	32.	4.	74.296	8.62	6.9	10.	26.75	30.1
00056	FLOW, RATE GALLONS/DAY	02/03/72-02/21/73	48	2300000.	2475208.333	6600000.	100000.	**********	1682804.131	310000.	680000.	3200000.	5400000.
00400	PH (STANDARD UNITS)	02/03/72-02/21/73	48	7.65	7.6	8.4	6.	0.203	0.451	6.9	7.425	7.9	8.11
00400	CONVERTED PH (STANDARD UNITS)	02/03/72-02/21/73	48	7.647	7.257	8.4	6.	0.323	0.568	6.9	7.425	7.9	8.11
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/03/72-02/21/73	48	0.023	0.055	1.	0.004	0.021	0.144	0.008	0.013	0.038	0.126
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/03/72-02/21/73	48	25.5	27.333	75.	2.	285.248	16.889	8.9	11.25	40.75	50.2
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/03/72-02/21/73	48	1.5	1.771	7.	0.	3.202	1.789	0.	0.	2.	4.1
74010	IRON, TOTAL (MG/L AS FE)	02/03/72-02/21/73	48	2.2	2.513	8.2	0.1	2.773	1.665	0.4	1.225	3.6	4.53
85002	SOLIDS, SUSPENDED - (#/DAY)	02/03/72-02/21/73	48	281.	472.063	2090.	22.	235615.975	485.403	37.9	84.25	796.	1154.
85012	IRON, TOTAL - (#/DAY)	02/03/72-02/21/73	48	27.	44.396	226.	1.	2388.797	48.875	3.9	14.25	61.5	99.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0265

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	48	0	0.00	15	0	0.00	11	0	0.00	14	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	48	1	0.02	15	0	0.00	11	0	0.00	14	1	0.07	8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0266

NPS Station ID: INDU0266 | LAT/LON: 41.573309/ -87.316949 | Agency: 11COECHI | Date Created: 08/21/82
Location: LITTLE CALUMET R RM 9.7 (FROM LAKE MICHIGAN)
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 04040001 | Depth of Water: 0
Major Basin: LAKE MICHIGAN | Elevation: 0
Minor Basin: CALUMET-BURNS DITCH COMPLEX
RF1 Index: 04040001 | RF1 Mile Point: 0.000
RF3 Index: 07120003000613.90 | RF3 Mile Point: 14.57
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT CORPS OF ENGINEERS TO DETERMINE THE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM THE LITTLE CALUMET RIVER IN INDIANA. SEDIMENT WAS COLLECTED WITH A SPLIT SPOON SAMPLER. SAMPLE DEPTH IS RELATIVE TO MEAN SEA LEVEL. RIVER

FIPS State/County: 18089 INDIANA/LAKE
STORET Station ID(s): CLI31479
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 18.80 | On/Off RF1:
Distance from RF3: 0.03 | On/Off RF3:

Parameter Inventory for Station: INDU0266

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0267

NPS Station ID: INDU0267
LAT/LON: 41.607781/ -87.319448
Agency: 112WRD
Date Created: 06/22/85
Location: US.STEEL OUTFALL #5 @ GARY,IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413628087191000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 13.880
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001000300.05
RF3 Mile Point: 19.72
Distance from RF3: 0.26
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0267

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0268

NPS Station ID: INDU0268
LAT/LON: 41.638615/ -87.320560
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-47
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359047 /47-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 45
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 11.80
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 9.03
Distance from RF3: 0.84
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-07/22/81	30	12.5	12.017	22.	3.	53.612	7.322	3.	3.	20.125	21.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/09/80-07/22/81	4	90.	114.	216.	60.	5040.	70.993	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/09/80-07/22/81	30	260.	238.333	265.	140.	1264.368	35.558	200.	200.	265.	265.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-07/22/81	30	300.	292.167	300.	280.	85.661	9.255	280.	280.	300.	300.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/80-07/22/81	30	9.85	10.343	13.	7.9	4.227	2.056	7.9	8.	13.	13.
00400	PH (STANDARD UNITS)	04/09/80-07/22/81	30	8.4	8.353	8.5	8.2	0.016	0.125	8.2	8.2	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	04/09/80-07/22/81	30	8.4	8.336	8.5	8.2	0.016	0.126	8.2	8.2	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/80-07/22/81	30	0.004	0.005	0.006	0.003	0.	0.001	0.003	0.003	0.006	0.006
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-07/22/81	8	0.027	0.024	0.034	0.005	0.	0.01	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-07/22/81	8	0.295	0.356	0.67	0.15	0.035	0.187	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-07/22/81	8	0.265	0.245	0.28	0.17	0.002	0.045	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-07/22/81	8	0.01	0.011	0.015	0.01	0.	0.002	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/22/80-07/22/81	6 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-07/22/81	8	10.	10.	11.	9.	0.286	0.535	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/09/80-07/22/81	8	22.5	22.5	23.	22.	0.286	0.535	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	04/09/80-07/22/81	8	0.3	0.413	0.9	0.1	0.101	0.318	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/80-07/22/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/22/80-07/22/81	6	28.5	27.5	33.	21.	25.1	5.01	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/22/80-07/22/81	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/22/80-07/22/81	6	1.5	1.5	2.	1.	0.3	0.548	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/22/80-07/22/81	6	1.	1.	1.	1.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/22/80-07/22/81	6	67.5	92.667	200.	28.	5029.467	70.919	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/22/80-07/22/81	6	1.	1.167	2.	0.5	0.467	0.683	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/22/80-07/22/81	6 ##	0.05	0.2	0.5	0.05	0.054	0.232	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/80-07/22/81	6 ##	0.5	0.583	1.	0.5	0.042	0.204	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/22/80-07/22/81	6 ##	1.	1.833	6.	1.	4.167	2.041	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/22/80-07/22/81	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0268

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	30	0	0.00							20	0	0.00	10	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0268

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	30	0	0.00							20	0	0.00	10	0	0.00
		Other-Lo Lim.	6.5	30	0	0.00							20	0	0.00	10	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00							4	0	0.00	4	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	6	0	0.00							2	0	0.00	4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00							4	0	0.00	4	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	8	0	0.00							4	0	0.00	4	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	6	0	0.00							2	0	0.00	4	0	0.00
		Drinking Water	50.	6	0	0.00							2	0	0.00	4	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	6	0	0.00							2	0	0.00	4	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	6	0	0.00							2	0	0.00	4	0	0.00
		Drinking Water	5.	6	0	0.00							2	0	0.00	4	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	6	0	0.00							2	0	0.00	4	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	6	0	0.00							2	0	0.00	4	0	0.00
		Drinking Water	1300.	6	0	0.00							2	0	0.00	4	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	6	0	0.00							2	0	0.00	4	0	0.00
		Drinking Water	5.	6	0	0.00							2	0	0.00	4	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	6	0	0.00							2	0	0.00	4	0	0.00
		Drinking Water	50.	6	0	0.00							2	0	0.00	4	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	6	0	0.00							2	0	0.00	4	0	0.00
		Drinking Water	50.	6	0	0.00							2	0	0.00	4	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	6	0	0.00							2	0	0.00	4	0	0.00
		Drinking Water	2.	6	0	0.00							2	0	0.00	4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0269

NPS Station ID: INDU0269
LAT/LON: 41.630003/ -87.321670
Agency: 1115GLSB
Date Created: 01/20/78
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): V-09
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 177
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 13.80
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 23.87
Distance from RF3: 1.04
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0269

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/77-07/07/77	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/07/77-07/07/77	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/07/77-07/07/77	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/07/77-07/07/77	1	276.	276.	276.	276.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/77-07/07/77	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/77-07/07/77	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/77-07/07/77	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/07/77-07/07/77	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/07/77-07/07/77	1	34.8	34.8	34.8	34.8	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/07/77-07/07/77	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/07/77-07/07/77	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/07/77-07/07/77	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/07/77-07/07/77	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/07/77-07/07/77	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/07/77-07/07/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/07/77-07/07/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/07/77-07/07/77	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/07/77-07/07/77	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/07/77-07/07/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0269

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00400	PH	Other-Hi Lim.	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	1	1.00							1	1	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0269

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0270

NPS Station ID: INDU0270
LAT/LON: 41.638892/ -87.322226
Agency: 21ILL
Date Created: 03/25/89
Location: SOUTH SHORE LAKE SURVEY STATION 6S
FIPS State/County: 17998 ILLINOIS/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 6S /SSLS6S /CHW021
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 0
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: LAKE MICHIGAN WESTERN SHORE
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 13.50
On/Off RF1:
RF3 Index: 04040001000501.22
RF3 Mile Point: 1.22
Distance from RF3: 1.72
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/19/89-09/19/89	2	14.	14.	20.	8.	72.	8.485	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/19/89-09/19/89	2	1.65	1.65	2.5	0.8	1.445	1.202	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/19/89-09/19/89	2	292.5	292.5	298.	287.	60.5	7.778	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/19/89-09/19/89	2	5.	5.	8.	2.	18.	4.243	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/19/89-09/19/89	2	8.2	8.2	8.3	8.1	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/19/89-09/19/89	2	8.189	8.189	8.3	8.1	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/19/89-09/19/89	2	0.006	0.006	0.008	0.005	0.	0.002	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/19/89-09/19/89	2 ##	2.25	2.25	4.	0.5	6.125	2.475	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	04/19/89-09/19/89	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/19/89-09/19/89	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/19/89-09/19/89	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/19/89-09/19/89	2	0.255	0.255	0.31	0.2	0.006	0.078	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/19/89-09/19/89	2	0.006	0.006	0.008	0.004	0.	0.003	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/19/89-09/19/89	2	0.006	0.006	0.007	0.004	0.	0.002	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/19/89-09/19/89	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/19/89-09/19/89	2	137.5	137.5	144.	131.	84.5	9.192	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/19/89-09/19/89	2	35.	35.	37.	33.	8.	2.828	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	04/19/89-09/19/89	2	36.	36.	38.	34.	8.	2.828	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/19/89-09/19/89	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/19/89-09/19/89	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	04/19/89-09/19/89	2	6.05	6.05	6.3	5.8	0.125	0.354	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/19/89-09/19/89	2	6.1	6.1	6.3	5.9	0.08	0.283	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/19/89-09/19/89	2 ##	0.24	0.24	0.33	0.15	0.016	0.127	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	04/19/89-09/19/89	2 ##	0.225	0.225	0.3	0.15	0.011	0.106	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/19/89-09/19/89	2	11.	11.	11.	11.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/19/89-09/19/89	2	24.5	24.5	25.	24.	0.5	0.707	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	04/19/89-09/19/89	2	0.15	0.15	0.19	0.11	0.003	0.057	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/19/89-09/19/89	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/19/89-09/19/89	2	21.	21.	21.	21.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	04/19/89-09/19/89	2	21.5	21.5	22.	21.	0.5	0.707	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	04/19/89-09/19/89	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/19/89-09/19/89	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/19/89-09/19/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	04/19/89-09/19/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/19/89-09/19/89	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/19/89-09/19/89	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/19/89-09/19/89	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/19/89-09/19/89	2 ##	4.25	4.25	6.	2.5	6.125	2.475	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01035	COBALT, DISSOLVED (UG/L AS CO)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/19/89-09/19/89	2 ##	4.25	4.25	6.	2.5	6.125	2.475	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	04/19/89-09/19/89	2 ##	72.5	72.5	120.	25.	4512.5	67.175	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/19/89-09/19/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	04/19/89-09/19/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/19/89-09/19/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/19/89-09/19/89	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	04/19/89-09/19/89	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/19/89-09/19/89	2 ##	2.	2.	2.5	1.5	0.5	0.707	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/19/89-09/19/89	2	123.	123.	129.	117.	72.	8.485	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	04/19/89-09/19/89	2	124.5	124.5	131.	118.	84.5	9.192	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	04/19/89-09/19/89	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/19/89-09/19/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/19/89-09/19/89	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/19/89-09/19/89	2	233.5	233.5	406.	61.	59512.5	243.952	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/19/89-09/19/89	2	206.5	206.5	361.	52.	47740.5	218.496	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/19/89-09/19/89	2 ##	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/19/89-09/19/89	2 ##	0.651	0.651	0.699	0.602	0.005	0.069	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.472								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	04/19/89-09/19/89	2	4.005	4.005	6.4	1.61	11.472	3.387	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/19/89-09/19/89	2	3.88	3.88	6.41	1.35	12.802	3.578	**	**	**	**
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	04/19/89-09/19/89	2	0.515	0.515	1.03	0.	0.53	0.728	**	**	**	**
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	04/19/89-09/19/89	2	1.115	1.115	2.03	0.2	1.674	1.294	**	**	**	**
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/19/89-09/19/89	2	0.175	0.175	0.35	0.	0.061	0.247	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/19/89-09/19/89	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34716	DICHLOROBENZENE (ISOMERS) M/P IN WATER UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39062	CHLORDANE-CIS ISOMER,WHOLE WATER SAMPL (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39065	CHLORDANE-TRNS ISOMER,WHOLE WATER SAMPL (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39305	O,P' DDT IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39315	O,P' DDD IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39327	ORTHO PARA DDE IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	04/19/89-09/19/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/19/89-09/19/89	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
78113	ETHYL BENZENE WHOLE WATER SAMPLE UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
78124	BENZENE IN WATER (VOLATILE ANALYSIS) UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	04/19/89-09/19/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0270

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00				1	0	0.00			
00403	PH, LAB	Other-Hi Lim.	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	2	0	0.00	1	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	2	0	0.00	1	0	0.00				1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00				1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00	1	0	0.00				1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00	1	0	0.00				1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	2	0	0.00	1	0	0.00				1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	0 &	0	0.00												
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00				1	0	0.00			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0270

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00	1	0	0.00				1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00	1	0	0.00				1	0	0.00			
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1.	2	0	0.00	1	0	0.00				1	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	2	0	0.00	1	0	0.00				1	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	2	0	0.00	1	0	0.00				1	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00	1	0	0.00				1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	2	0	0.00	1	0	0.00				1	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	0.2	2	0	0.00	1	0	0.00				1	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	2	0	0.00	1	0	0.00				1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	2	0	0.00	1	0	0.00				1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	0.2	2	0	0.00	1	0	0.00				1	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	2	0	0.00	1	0	0.00				1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	2	0	0.00	1	0	0.00				1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	2	0	0.00	1	0	0.00				1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	2.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0271

NPS Station ID: INDU0271
LAT/LON: 41.638892/ -87.322226
Agency: 21ILCHIW
Date Created: / /
Location: SOUTH SHORE LAKE SURVEY STATION
FIPS State/County: 17998 ILLINOIS/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): SSLS06 /CHW021
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 38
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: LAKE MICHIGAN WESTERN SHORE
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 14.00
On/Off RF1:
RF3 Index: 04040001000400.00
RF3 Mile Point: 4.27
Distance from RF3: 0.93
On/Off RF3:
Description:
STATION LOCATED ONE MILE OFF SHORE DUE NORTH OF GARY HARBOR, GARY, IND.

Parameter Inventory for Station: INDU0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/78-12/16/91	95	16.	15.042	26.	1.	40.871	6.393	6.	10.	21.	22.4
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/11/78-12/16/91	95	1.	1.495	8.3	0.3	2.375	1.541	0.5	0.6	1.6	3.04
00086	ODOR (THRESHOLD NUMBER AT 60 DEG C)	04/11/78-12/16/91	94	1.	1.202	3.	1.	0.228	0.477	1.	1.	1.	2.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-12/16/91	95	295.	294.874	340.	265.	155.26	12.46	280.	288.	300.	311.2
00335	COD, .025N K2CR2O7 MG/L	04/11/78-12/16/91	95	4.1	5.337	20.2	1.6	12.899	3.591	2.5	2.5	7.2	9.46
00400	PH (STANDARD UNITS)	04/11/78-11/01/89	83	8.4	8.443	8.7	8.2	0.013	0.113	8.3	8.4	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	04/11/78-11/01/89	83	8.4	8.429	8.7	8.2	0.013	0.114	8.3	8.4	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/11/78-11/01/89	83	0.004	0.004	0.006	0.002	0.	0.001	0.003	0.003	0.004	0.005
00403	PH, LAB, STANDARD UNITS SU	03/28/90-12/16/91	12	8.4	8.408	8.5	8.3	0.006	0.079	8.3	8.325	8.5	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	03/28/90-12/16/91	12	8.4	8.402	8.5	8.3	0.006	0.08	8.3	8.325	8.5	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/28/90-12/16/91	12	0.004	0.004	0.005	0.003	0.	0.001	0.003	0.003	0.005	0.005
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/78-12/16/91	95	3.	4.179	36.	0.	25.255	5.025	0.	1.	5.	9.4
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/11/78-09/27/88	76	0.16	0.161	0.44	0.05	0.002	0.048	0.12	0.14	0.18	0.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/78-12/16/91	95	0.01	0.025	0.6	0.005	0.004	0.064	0.005	0.005	0.03	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/19/89-12/16/91	19	0.24	0.301	0.66	0.16	0.018	0.133	0.16	0.2	0.4	0.46
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/11/78-12/16/91	94	0.24	0.243	0.39	0.13	0.002	0.049	0.19	0.21	0.27	0.31
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/78-12/16/91	95	0.02	0.025	0.11	0.005	0.	0.019	0.005	0.01	0.03	0.05
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	04/11/78-12/16/91	95	0.01	0.01	0.05	0.005	0.	0.007	0.005	0.005	0.01	0.02
00940	CHLORIDE,TOTAL IN WATER MG/L	04/11/78-12/16/91	95	10.	10.011	14.	8.	1.032	1.016	9.	9.	10.	11.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/11/78-12/16/91	95	23.	23.232	33.	18.	5.116	2.262	20.6	22.	25.	25.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/11/78-12/16/91	95	2.	25.747	452.	0.	5109.212	71.479	0.	0.	18.	59.6
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/11/78-12/16/91	95	0.301	0.654	2.655	0.	0.572	0.756	0.	0.	1.255	1.775
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			4.509								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	95	0.	4.421	178.	0.	383.991	19.596	0.	0.	2.	6.8
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	95	0.	0.231	2.25	0.	0.194	0.44	0.	0.	0.301	0.828
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.702								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/11/78-12/16/91	93	0.	0.323	14.	0.	2.46	1.568	0.	0.	0.	0.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/11/78-12/16/91	93	0.	0.038	1.146	0.	0.023	0.151	0.	0.	0.	0.
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.092								
31753	TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	95	140.	520.695	9000.	0.	1414351.895	1189.265	16.6	32.	470.	1240.
31753	LOG TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	95	2.146	2.136	3.954	0.	0.579	0.761	1.22	1.505	2.672	3.093
31753	GM TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	GEOMETRIC MEAN =			136.792								
31856	FUNGI,7 DAY,NUMBER OF COLONIES PER ML	04/11/78-12/16/91	94	0.15	0.993	9.	0.	2.499	1.581	0.	0.	1.	3.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/11/78-12/16/91	93 ##	0.5	0.796	11.	0.5	1.42	1.192	0.5	0.5	0.5	1.
60050	ALGAE, TOTAL (CELLS/ML)	04/11/78-12/16/91	91	640.	1187.582	7000.	0.	1992591.868	1411.592	64.	240.	1600.	3424.
80148	ACTINOMYCETES,TOTAL PLATE COUNT,26C,14DAY,TPC/ML	04/11/78-12/16/91	94	0.1	0.976	16.	0.	4.613	2.148	0.	0.	1.	2.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0271

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	95	0	0.00	19	0	0.00	2	0	0.00	47	0	0.00	27	0	0.00
00400	PH	Other-Hi Lim.	9.	83	0	0.00	16	0	0.00	2	0	0.00	40	0	0.00	25	0	0.00
		Other-Lo Lim.	6.5	83	0	0.00	16	0	0.00	2	0	0.00	40	0	0.00	25	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	12	0	0.00	3	0	0.00				7	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	12	0	0.00	3	0	0.00				7	0	0.00	2	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	94	0	0.00	19	0	0.00	2	0	0.00	46	0	0.00	27	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	95	0	0.00	19	0	0.00	2	0	0.00	47	0	0.00	27	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	95	0	0.00	19	0	0.00	2	0	0.00	47	0	0.00	27	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	95	0	0.00	19	0	0.00	2	0	0.00	47	0	0.00	27	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 9/16 to 1/15 - Station INDU0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/78-12/16/91	19	14.	13.211	23.	1.	36.064	6.005	2.	9.	17.	21.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/11/78-12/16/91	19	1.3	1.795	6.6	0.6	1.904	1.38	0.7	1.	2.	3.1
00086	ODOR (THRESHOLD NUMBER AT 60 DEG C)	04/11/78-12/16/91	19	1.	1.211	3.	1.	0.398	0.631	1.	1.	1.	3.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-12/16/91	19	295.	293.316	317.	270.	174.45	13.208	270.	285.	305.	310.
00335	COD, .025N K2CR2O7 MG/L	04/11/78-12/16/91	19 ##	2.5	5.5	18.	2.5	22.583	4.752	2.5	2.5	6.8	16.7
00400	PH (STANDARD UNITS)	04/11/78-11/01/89	16	8.4	8.394	8.5	8.2	0.009	0.093	8.27	8.3	8.5	8.5
00400	CONVERTED PH (STANDARD UNITS)	04/11/78-11/01/89	16	8.4	8.384	8.5	8.2	0.009	0.093	8.27	8.3	8.5	8.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/11/78-11/01/89	16	0.004	0.004	0.006	0.003	0.	0.001	0.003	0.003	0.005	0.005
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/78-12/16/91	19	3.	3.684	10.	1.	6.117	2.473	1.	2.	5.	8.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/11/78-09/27/88	14	0.145	0.151	0.2	0.1	0.001	0.031	0.11	0.13	0.17	0.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/78-12/16/91	19	0.01	0.013	0.04	0.005	0.	0.011	0.005	0.005	0.02	0.03
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/11/78-12/16/91	19	0.24	0.238	0.32	0.16	0.002	0.039	0.2	0.21	0.26	0.29
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/78-12/16/91	19	0.02	0.026	0.07	0.005	0.	0.016	0.01	0.02	0.03	0.05
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	04/11/78-12/16/91	19	0.01	0.011	0.03	0.005	0.	0.006	0.005	0.01	0.01	0.02
00940	CHLORIDE,TOTAL IN WATER MG/L	04/11/78-12/16/91	19	10.	9.842	12.	8.	0.807	0.898	9.	9.	10.	11.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/11/78-12/16/91	19	24.	23.579	27.	20.	2.702	1.644	21.	23.	25.	25.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/11/78-12/16/91	19	18.	81.263	452.	0.	19344.538	139.085	0.	8.	68.	400.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/11/78-12/16/91	19	1.255	1.293	2.655	0.	0.635	0.797	0.	0.903	1.833	2.602
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			19.617								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	19	2.	8.105	58.	0.	233.544	15.282	0.	0.	6.	40.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	19	0.301	0.512	1.763	0.	0.327	0.572	0.	0.	0.778	1.602
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.252								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/11/78-12/16/91	19	0.	0.421	2.	0.	0.702	0.838	0.	0.	0.	2.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/11/78-12/16/91	19	0.	0.063	0.301	0.	0.016	0.126	0.	0.	0.	0.301
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.157								
31753	TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	19	520.	682.895	2400.	46.	377823.877	614.674	57.	180.	980.	1800.
31753	LOG TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	19	2.716	2.632	3.38	1.663	0.238	0.488	1.756	2.255	2.991	3.255
31753	GM TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	GEOMETRIC MEAN =			428.821								
31856	FUNGI,7 DAY,NUMBER OF COLONIES PER ML	04/11/78-12/16/91	18	1.	0.889	3.	0.	1.046	1.023	0.	0.	1.25	3.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/11/78-12/16/91	18 ##	0.5	0.556	1.	0.5	0.026	0.162	0.5	0.5	0.5	1.
60050	ALGAE, TOTAL (CELLS/ML)	04/11/78-12/16/91	18	1390.	1573.333	4600.	40.	1834270.588	1354.352	112.	405.	2205.	4240.
80148	ACTINOMYCETES,TOTAL PLATE COUNT,26C,14DAY,TPC/ML	04/11/78-12/16/91	18	0.55	0.789	3.	0.	0.872	0.934	0.	0.	1.25	2.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/78-12/16/91	2	4.	4.	6.	2.	8.	2.828	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/11/78-12/16/91	2	3.65	3.65	6.1	1.2	12.005	3.465	**	**	**	**
00086	ODOR (THRESHOLD NUMBER AT 60 DEG C)	04/11/78-12/16/91	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-12/16/91	2	302.5	302.5	305.	300.	12.5	3.536	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/11/78-12/16/91	2	6.4	6.4	9.7	3.1	21.78	4.667	**	**	**	**
00400	PH (STANDARD UNITS)	04/11/78-11/01/89	2	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/11/78-11/01/89	2	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/11/78-11/01/89	2	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/78-12/16/91	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/11/78-09/27/88	2	0.13	0.13	0.14	0.12	0.	0.014	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/78-12/16/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/11/78-12/16/91	2	0.235	0.235	0.27	0.2	0.002	0.049	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/78-12/16/91	2	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	04/11/78-12/16/91	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/11/78-12/16/91	2	9.5	9.5	10.	9.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/11/78-12/16/91	2	21.5	21.5	23.	20.	4.5	2.121	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/11/78-12/16/91	2	2.	2.	4.	0.	8.	2.828	**	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/11/78-12/16/91	2	0.301	0.301	0.602	0.	0.181	0.426	**	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			2.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/11/78-12/16/91	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/11/78-12/16/91	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								
31753	TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**
31753	LOG TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	2	1.06	1.06	1.079	1.041	0.001	0.027	**	**	**	**
31753	GM TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	GEOMETRIC MEAN =			11.489								
31856	FUNGI,7 DAY,NUMBER OF COLONIES PER ML	04/11/78-12/16/91	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/11/78-12/16/91	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	04/11/78-12/16/91	2	1390.	1390.	2580.	200.	2832200.	1682.914	**	**	**	**
80148	ACTINOMYCETES,TOTAL PLATE COUNT,26C,14DAY,TPC/ML	04/11/78-12/16/91	2	0.1	0.1	0.2	0.	0.02	0.141	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/78-12/16/91	47	13.	12.617	23.	2.	30.894	5.558	5.8	8.	17.	20.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/11/78-12/16/91	47	0.9	1.645	8.3	0.4	3.193	1.787	0.58	0.6	2.	3.14
00086	ODOR (THRESHOLD NUMBER AT 60 DEG C)	04/11/78-12/16/91	46	1.	1.261	3.	1.	0.242	0.491	1.	1.	1.25	2.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-12/16/91	47	295.	297.638	340.	280.	167.932	12.959	285.	290.	305.	319.2
00335	COD, .025N K2CR2O7 MG/L	04/11/78-12/16/91	47	3.8	5.223	20.2	2.5	13.426	3.664	2.5	2.5	7.2	10.64
00400	PH (STANDARD UNITS)	04/11/78-11/01/89	40	8.4	8.443	8.6	8.2	0.012	0.108	8.3	8.4	8.5	8.6
00400	CONVERTED PH (STANDARD UNITS)	04/11/78-11/01/89	40	8.4	8.429	8.6	8.2	0.012	0.109	8.3	8.4	8.5	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/11/78-11/01/89	40	0.004	0.004	0.006	0.003	0.	0.001	0.003	0.003	0.004	0.005
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/78-12/16/91	47	3.	4.702	36.	0.	34.083	5.838	0.8	1.	6.	10.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/11/78-09/27/88	38	0.165	0.169	0.44	0.05	0.004	0.059	0.12	0.148	0.19	0.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/78-12/16/91	47	0.01	0.024	0.15	0.005	0.001	0.03	0.005	0.005	0.03	0.06
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/11/78-12/16/91	46	0.26	0.262	0.39	0.16	0.003	0.051	0.2	0.22	0.29	0.329
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/78-12/16/91	47	0.02	0.025	0.1	0.005	0.	0.018	0.005	0.01	0.03	0.05
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	04/11/78-12/16/91	47 ##	0.005	0.01	0.05	0.005	0.	0.008	0.005	0.005	0.01	0.02
00940	CHLORIDE,TOTAL IN WATER MG/L	04/11/78-12/16/91	47	10.	10.255	14.	8.	1.412	1.188	9.	10.	11.	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/11/78-12/16/91	47	24.	23.638	33.	18.	6.453	2.54	21.	22.	25.	26.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/11/78-12/16/91	47	0.	15.447	192.	0.	1149.513	33.904	0.	0.	24.	50.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/11/78-12/16/91	47	0.	0.543	2.283	0.	0.525	0.725	0.	0.	1.38	1.698
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			3.492								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	47	0.	5.319	178.	0.	676.918	26.018	0.	0.	0.	8.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	47	0.	0.208	2.25	0.	0.209	0.457	0.	0.	0.	0.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.616								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/11/78-12/16/91	46	0.	0.478	14.	0.	4.655	2.158	0.	0.	0.	0.6
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/11/78-12/16/91	46	0.	0.051	1.146	0.	0.039	0.196	0.	0.	0.	0.09
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.125								
31753	TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	47	78.	306.362	4300.	0.	538920.627	734.112	15.6	25.	250.	680.
31753	LOG TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	47	1.892	1.898	3.633	0.	0.502	0.709	1.193	1.398	2.398	2.823
31753	GM TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	GEOMETRIC MEAN =			79.029								
31856	FUNGI,7 DAY,NUMBER OF COLONIES PER ML	04/11/78-12/16/91	47	1.	1.217	9.	0.	3.944	1.986	0.	0.	1.	5.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/11/78-12/16/91	46 ##	0.5	0.902	11.	0.5	2.518	1.587	0.5	0.5	0.625	1.
60050	ALGAE, TOTAL (CELLS/ML)	04/11/78-12/16/91	44	915.	1488.182	7000.	0.	2728512.896	1651.821	110.	457.5	1867.5	3745.
80148	ACTINOMYCETES,TOTAL PLATE COUNT,26C,14DAY,TPC/ML	04/11/78-12/16/91	47	1.	1.481	16.	0.	8.219	2.867	0.	0.	1.	4.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/11/78-12/16/91	27	22.	21.37	26.	17.	3.781	1.944	18.8	20.	22.	24.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/11/78-12/16/91	27	0.7	0.863	2.5	0.3	0.279	0.528	0.38	0.5	1.	1.68
00086	ODOR (THRESHOLD NUMBER AT 60 DEG C)	04/11/78-12/16/91	27	1.	1.074	2.	1.	0.071	0.267	1.	1.	1.	1.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/11/78-12/16/91	27	290.	290.593	315.	265.	103.866	10.191	279.8	285.	295.	302.
00335	COD, .025N K2CR2O7 MG/L	04/11/78-12/16/91	27	6.2	5.341	9.	1.6	6.277	2.505	2.5	2.5	7.5	8.58
00400	PH (STANDARD UNITS)	04/11/78-11/01/89	25	8.5	8.488	8.7	8.3	0.014	0.117	8.36	8.4	8.6	8.7
00400	CONVERTED PH (STANDARD UNITS)	04/11/78-11/01/89	25	8.5	8.474	8.7	8.3	0.014	0.118	8.36	8.4	8.6	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/11/78-11/01/89	25	0.003	0.003	0.005	0.002	0.	0.001	0.002	0.003	0.004	0.004
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/11/78-12/16/91	27	2.	3.481	24.	0.	25.259	5.026	0.	0.	4.	8.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/11/78-09/27/88	22	0.16	0.156	0.22	0.08	0.001	0.034	0.099	0.14	0.163	0.214
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/78-12/16/91	27	0.01	0.036	0.6	0.005	0.013	0.113	0.005	0.005	0.02	0.044
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/11/78-12/16/91	27	0.21	0.216	0.27	0.13	0.001	0.037	0.168	0.19	0.25	0.27
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/11/78-12/16/91	27	0.02	0.024	0.11	0.005	0.	0.021	0.005	0.01	0.03	0.044
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	04/11/78-12/16/91	27	0.01	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00940	CHLORIDE,TOTAL IN WATER MG/L	04/11/78-12/16/91	27	10.	9.741	11.	9.	0.43	0.656	9.	9.	10.	11.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/11/78-12/16/91	27	22.	22.407	25.	18.	3.712	1.927	19.8	21.	24.	25.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	04/11/78-12/16/91	27	0.	6.37	62.	0.	168.011	12.962	0.	0.	8.	20.8
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	04/11/78-12/16/91	27	0.	0.424	1.792	0.	0.307	0.554	0.	0.	0.903	1.317
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			2.655								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	27	0.	0.593	2.	0.	0.866	0.931	0.	0.	2.	2.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/11/78-12/16/91	27	0.	0.089	0.301	0.	0.02	0.14	0.	0.	0.301	0.301
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.228								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	04/11/78-12/16/91	26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	04/11/78-12/16/91	26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								
31753	TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	27	250.	817.37	9000.	1.	3684765.858	1919.574	17.6	69.	500.	2240.
31753	LOG TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	04/11/78-12/16/91	27	2.398	2.281	3.954	0.	0.648	0.805	1.239	1.839	2.699	3.284
31753	GM TOTAL PLATE COUNT,TGE AGAR,35C,48 HR	GEOMETRIC MEAN =			191.13								
31856	FUNGI,7 DAY,NUMBER OF COLONIES PER ML	04/11/78-12/16/91	27	0.	0.67	3.	0.	0.995	0.998	0.	0.	1.	3.
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/11/78-12/16/91	27 ##	0.5	0.796	4.	0.5	0.582	0.763	0.5	0.5	0.5	2.
60050	ALGAE, TOTAL (CELLS/ML)	04/11/78-12/16/91	27	240.	425.556	1900.	20.	214525.641	463.169	60.	80.	600.	1320.
80148	ACTINOMYCETES,TOTAL PLATE COUNT,26C,14DAY,TPC/ML	04/11/78-12/16/91	27	0.	0.285	2.	0.	0.348	0.59	0.	0.	0.3	1.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0272

NPS Station ID: INDU0272
LAT/LON: 41.607781/ -87.323892
Agency: 21INDN
Date Created: / /
Location: U.S.STEEL GARY WORKS GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313906
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 12.700
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 20.72
Distance from RF3: 0.25
On/Off RF3:
Description:
OUTFALL GW4 015

Parameter Inventory for Station: INDU0272

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/04/72-03/26/73	53	16.	17.472	32.	4.	52.408	7.239	9.	11.5	25.	26.6
00056	FLOW, RATE GALLONS/DAY	02/04/72-03/26/73	53	840000.	786981.132	1800000.	120000.	248194557329.463	498191.286	140000.	260000.	1000000.	1800000.
00400	PH (STANDARD UNITS)	02/04/72-03/26/73	53	8.	7.951	8.7	7.2	0.091	0.301	7.5	7.8	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	02/04/72-03/26/73	53	8.	7.83	8.7	7.2	0.105	0.325	7.5	7.8	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/04/72-03/26/73	53	0.01	0.015	0.063	0.002	0.	0.014	0.005	0.008	0.016	0.032
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/04/72-03/26/73	53	12.	21.245	177.	1.	839.227	28.969	4.	6.	26.	42.2
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/04/72-03/26/73	53	1.	1.774	8.	0.	3.332	1.825	0.	0.	3.	4.
74010	IRON, TOTAL (MG/L AS FE)	02/04/72-03/26/73	53	0.5	0.787	3.1	0.1	0.436	0.66	0.2	0.4	1.05	1.62
85002	SOLIDS, SUSPENDED - (#/DAY)	02/04/72-03/26/73	53	133.	246.509	2660.	5.	243952.562	493.916	29.4	59.5	243.5	319.2
85012	IRON, TOTAL - (#/DAY)	02/04/72-03/26/73	53	5.	8.491	67.	1.	112.716	10.617	1.4	3.	10.	20.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0272

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	53	0	0.00	15	0	0.00	13	0	0.00	17	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	53	0	0.00	15	0	0.00	13	0	0.00	17	0	0.00	8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0273

NPS Station ID: INDU0273
LAT/LON: 41.625005/ -87.324449
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM002
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 36
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 8.10
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 22.13
Distance from RF3: 0.34
On/Off RF3:
Description:
OPEN WATER LAKE MICHIGAN STATION SAMPLED DURING THE GLIRBP STUDY OF THE LAKE 1962-1964 LAT. 41D-37M-30.0 LONG. 087D-19M-28.0S
STATION IS LOCATED IN GARY HARBOR

Parameter Inventory for Station: INDU0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/11/63	10	21.	21.	22.	20.	0.222	0.471	20.1	21.	21.	21.9
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/06/63	6	2.85	3.017	4.	2.	0.57	0.755	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/11/63	10	265.	264.5	282.	240.	204.056	14.285	241.	253.75	278.	281.9
00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/11/63	10	8.65	8.62	9.8	8.1	0.242	0.492	8.1	8.175	8.725	9.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/11/63	10	96.65	96.09	109.	88.3	32.75	5.723	88.48	91.3	97.975	107.95
00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/11/63	5	1.5	1.54	2.2	1.2	0.153	0.391	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/63-09/11/63	7	8.1	8.086	8.5	7.7	0.088	0.297	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/63-09/11/63	7	8.1	7.998	8.5	7.7	0.097	0.311	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/63-09/11/63	7	0.008	0.01	0.02	0.003	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/11/63	9	106.	105.556	118.	97.	57.278	7.568	97.	99.	111.5	118.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/11/63	5	170.	174.	185.	170.	42.5	6.519	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	10/22/63-12/08/63	5	3.2	3.04	6.3	0.4	5.533	2.352	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-12/08/63	14	0.125	0.156	0.4	0.02	0.017	0.129	0.02	0.028	0.23	0.385
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-11/24/63	7	0.12	0.119	0.26	0.03	0.007	0.083	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/22/63-09/11/63	5	0.12	0.172	0.34	0.04	0.019	0.139	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/63-09/11/63	8	35.5	35.75	38.	35.	1.071	1.035	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/22/63-09/11/63	8	4.1	4.275	4.9	4.	0.139	0.373	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/63-09/11/63	8	14.	14.125	15.	14.	0.125	0.354	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/63-09/11/63	8	1.3	1.338	1.6	1.2	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/11/63	9	7.	7.	8.	6.	0.5	0.707	6.	6.5	7.5	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/11/63	8	24.	24.125	25.	23.	0.411	0.641	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/63-09/11/63	8	1.5	1.625	3.	1.	0.365	0.604	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/22/63-09/08/63	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/22/63-09/08/63	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/22/63-09/08/63	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/22/63-09/08/63	4	0.02	0.028	0.05	0.02	0.	0.015	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/22/63-09/08/63	4	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/22/63-09/08/63	4	0.	0.01	0.04	0.	0.	0.02	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-12/08/63	13	0.	0.685	2.	0.	0.893	0.945	0.	0.	2.	2.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/22/63-09/11/63	8	0.04	0.048	0.09	0.02	0.001	0.024	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0273

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	10	0	0.00										10	0	0.00
00400	PH	Other-Hi Lim.	9.	7	0	0.00										7	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00										7	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	2	0	0.00							5	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00										9	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	8	0	0.00										8	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00										4	0	0.00
		Drinking Water	5.	4	0	0.00										4	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	4	0	0.00										4	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	4	0	0.00										4	0	0.00
		Drinking Water	1300.	4	0	0.00										4	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00										4	0	0.00
		Drinking Water	5.	4	0	0.00										4	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	4	0	0.00										4	0	0.00
		Drinking Water	100.	4	0	0.00										4	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00										4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0274

NPS Station ID: INDU0274
LAT/LON: 41.624726/ -87.325559
Agency: 21INDN
Date Created: / /
Location: U.S. STEEL GARY WORKS GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313917
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 8.470
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 12.16
Distance from RF3: 0.01
On/Off RF3:
Description:
OUTFALL GWL1A 035

Parameter Inventory for Station: INDU0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/72-03/24/73	51	15.	17.196	30.	7.	45.841	6.771	9.2	11.	23.	28.
00056	FLOW, RATE GALLONS/DAY	01/01/72-03/24/73	51	29100000.	29262745.098	39200000.	20000000.	**********	6508301.185	20200000.	23200000.	33200000.	39200000.
00400	PH (STANDARD UNITS)	01/01/72-03/24/73	51	7.9	7.841	8.3	6.7	0.133	0.365	7.3	7.6	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	01/01/72-03/24/73	51	7.9	7.653	8.3	6.7	0.169	0.411	7.3	7.6	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/72-03/24/73	51	0.013	0.022	0.2	0.005	0.001	0.031	0.005	0.008	0.025	0.05
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/72-03/24/73	51	11.	15.588	134.	1.	390.807	19.769	4.	7.	17.	25.4
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/01/72-03/24/73	51	1.	1.255	7.	0.	1.874	1.369	0.	0.	2.	3.
74010	IRON, TOTAL (MG/L AS FE)	01/01/72-03/24/73	51	0.4	0.955	8.5	0.1	1.844	1.358	0.1	0.3	1.	2.56
85002	SOLIDS, SUSPENDED - (#/DAY)	01/01/72-03/24/73	51	2860.	3961.137	43800.	312.	38823547.761	6230.854	689.6	1560.	3920.	6156.
85012	IRON, TOTAL - (#/DAY)	01/01/72-03/24/73	51	121.	217.549	1420.	17.	71767.893	267.895	31.4	67.	242.	684.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0274

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	51	0	0.00	17	0	0.00	13	0	0.00	13	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	51	0	0.00	17	0	0.00	13	0	0.00	13	0	0.00	8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0275

NPS Station ID: INDU0275 LAT/LON: 41.567699/ -87.325587 Agency: 11COECHI Date Created: 08/21/82
Location: LITTLE CALUMET R RM 10.3 (FROM LAKE MICHIGAN) FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CLI31379
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04040001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 07120003015100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.17 On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT CORPS OF ENGINEERS TO DETERMINE THE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM THE LITTLE CALUMET RIVER IN INDIANA. SEDIMENT WAS COLLECTED WITH A SPLIT SPOON SAMPLER. SAMPLE DEPTH IS RELATIVE TO MEAN SEA LEVEL. RIVER

Parameter Inventory for Station: INDU0275

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0276

NPS Station ID: INDU0276
LAT/LON: 41.607781/ -87.326115
Agency: 21INDN
Date Created: / /
Location: U.S.STEEL GARY WORKS GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313907
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 12.600
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 20.16
Distance from RF3: 0.02
On/Off RF3:
Description:
OUTFALL GW5 016

Parameter Inventory for Station: INDU0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/06/72-03/25/73	50	22.	22.54	35.	10.	47.886	6.92	14.1	16.	30.	32.
00056	FLOW, RATE GALLONS/DAY	03/06/72-03/25/73	50	79600000.	82330000.	99700000.	62100000.	**********	8574338.792	75200000.	77800000.	89300000.	95300000.
00400	PH (STANDARD UNITS)	03/06/72-03/25/73	50	7.15	7.184	8.3	6.4	0.109	0.33	6.81	6.975	7.4	7.6
00400	CONVERTED PH (STANDARD UNITS)	03/06/72-03/25/73	50	7.147	7.078	8.3	6.4	0.12	0.347	6.81	6.975	7.4	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/06/72-03/25/73	50	0.071	0.084	0.398	0.005	0.004	0.062	0.025	0.04	0.106	0.155
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/06/72-03/25/73	50	27.	28.18	73.	7.	245.661	15.674	11.1	16.75	35.	53.6
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	03/06/72-03/25/73	50	1.	1.72	9.	0.	3.879	1.97	0.	0.	2.	4.9
74010	IRON, TOTAL (MG/L AS FE)	03/06/72-03/25/73	50	2.15	2.634	7.6	0.2	3.04	1.744	0.9	1.65	3.15	4.96
85002	SOLIDS, SUSPENDED - (#/DAY)	03/06/72-03/25/73	50	18466.5	19902.46	57951.	4380.	155304195.111	12462.11	7195.	10120.	26350.	37170.
85012	IRON, TOTAL - (#/DAY)	03/06/72-03/25/73	50	1460.	1807.34	6310.	133.	1513711.576	1230.33	584.4	1075.	2242.5	3841.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0276

				Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	50	0	0.00	15	0	0.00	9	0	0.00	18	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	50	1	0.02	15	0	0.00	9	1	0.11	18	0	0.00	8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0277

NPS Station ID: INDU0277
Location: U.S.STEEL GARY WORKS GARY
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
RMI-Indexes:
RMI-Miles:
HUC: 04040001
Major Basin: 08 WESTERN GREAT LAKES
Minor Basin: 49 CALUMET-BURNS DITCH
RF1 Index: 04040001010
RF3 Index: 04040001001009.96
Description:
OUTFALL GW6 017

LAT/LON: 41.607781/ -87.326671
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 12.490
RF3 Mile Point: 20.16

Agency: 21INDN
FIPS State/County: 18089 INDIANA/LAKE
STORET Station ID(s): 313908
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.08

Date Created: / /
On/Off RF1: ON
On/Off RF3:

Parameter Inventory for Station: INDU0277

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/08/72-03/29/73	53	17.	16.792	31.	6.	55.129	7.425	8.4	10.	24.	26.6
00056	FLOW, RATE GALLONS/DAY	01/08/72-03/29/73	53	30000000.	29990566.038	34800000.	23400000.	**********	3465892.279	25800000.	27600000.	33600000.	34000000.
00400	PH (STANDARD UNITS)	01/08/72-03/29/73	53	7.7	7.645	8.8	6.8	0.141	0.375	7.1	7.5	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	01/08/72-03/29/73	53	7.7	7.478	8.8	6.8	0.169	0.412	7.1	7.5	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/08/72-03/29/73	53	0.02	0.033	0.158	0.002	0.001	0.036	0.01	0.016	0.032	0.079
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/08/72-03/29/73	53	9.	11.17	46.	1.	62.644	7.915	2.4	6.	16.5	19.
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/08/72-03/29/73	53	1.	2.226	8.	0.	5.332	2.309	0.	0.	4.	5.6
74010	IRON, TOTAL (MG/L AS FE)	01/08/72-03/29/73	53	0.5	0.608	2.6	0.1	0.292	0.54	0.1	0.2	0.8	1.4
85002	SOLIDS, SUSPENDED - (#/DAY)	01/08/72-03/29/73	53	2500.	2734.283	11498.	232.	3672978.091	1916.502	618.4	1387.	3757.	4517.2
85012	IRON, TOTAL - (#/DAY)	01/08/72-03/29/73	53	116.	155.17	708.	23.	21462.836	146.502	28.4	57.	169.5	392.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0277

				Total	Exceed	Prop.	9/16-1/15			1/16-3/15			3/16-7/15			7/16-9/15		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	53	0	0.00	15	0	0.00	13	0	0.00	17	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	53	0	0.00	15	0	0.00	13	0	0.00	17	0	0.00	8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0278

NPS Station ID: INDU0278
LAT/LON: 41.635837/ -87.326948
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM010
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 42
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 13.50
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 13.38
Distance from RF3: 0.81
On/Off RF3:
Description:
OPEN WATER LAKE MICHIGAN STATION SAMPLED DURING THE GLIRBP STUDY OF THE LAKE 1962-1964 LAT. 41D-38M-09.0S LONG. 087D-19M-37.0S

Parameter Inventory for Station: INDU0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/18/63	11	20.	19.909	21.	19.	0.491	0.701	19.	19.	20.	21.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/18/63	8	2.05	2.038	2.4	1.5	0.074	0.272	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/18/63	11	265.	264.455	278.	245.	115.073	10.727	247.	255.	275.	277.8
00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/18/63	11	8.7	8.718	9.3	8.3	0.092	0.303	8.32	8.5	8.8	9.28
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/18/63	11	94.8	95.127	102.3	88.7	17.122	4.138	89.14	92.	96.7	102.18
00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/18/63	5	1.7	1.6	2.1	0.9	0.2	0.447	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/63-09/18/63	10	8.15	8.22	8.5	8.1	0.024	0.155	8.1	8.1	8.4	8.49
00400	CONVERTED PH (STANDARD UNITS)	08/22/63-09/18/63	10	8.147	8.198	8.5	8.1	0.025	0.157	8.1	8.1	8.4	8.49
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/63-09/18/63	10	0.007	0.006	0.008	0.003	0.	0.002	0.003	0.004	0.008	0.008
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/18/63	10	105.5	105.3	117.	96.	63.344	7.959	96.1	97.	113.	116.6
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/18/63	6	170.	172.5	185.	165.	47.5	6.892	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-09/18/63	6	0.3	0.323	0.53	0.2	0.012	0.111	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-09/18/63	6	0.09	0.095	0.17	0.04	0.002	0.049	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/22/63-09/18/63	5	0.05	0.064	0.09	0.05	0.	0.019	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/63-09/18/63	9	34.	34.222	35.	34.	0.194	0.441	34.	34.	34.5	35.
00920	MAGNESIUM (MG/L AS CACO3)	08/22/63-09/18/63	9	3.9	3.989	4.9	3.4	0.176	0.42	3.4	3.75	4.15	4.9
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/63-09/18/63	9	13.	13.111	14.	12.	0.361	0.601	12.	13.	13.5	14.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/63-09/18/63	9	1.1	1.067	1.2	0.9	0.008	0.087	0.9	1.	1.1	1.2
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/18/63	10	6.	6.4	7.	6.	0.267	0.516	6.	6.	7.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/18/63	9	24.	23.889	27.	19.	6.111	2.472	19.	22.5	26.	27.
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/63-09/18/63	9	1.1	1.178	1.6	0.9	0.057	0.239	0.9	1.	1.4	1.6
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/22/63-09/18/63	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/22/63-09/18/63	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/22/63-09/18/63	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/22/63-09/18/63	3	0.02	0.027	0.04	0.02	0.	0.012	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/22/63-09/18/63	3	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/22/63-09/18/63	3	0.	0.	0.	0.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-09/18/63	5	1.	1.4	3.	0.	1.3	1.14	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/22/63-09/18/63	9	0.05	0.049	0.08	0.02	0.	0.017	0.02	0.04	0.06	0.08

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0278

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	11	0	0.00	2	0	0.00							9	0	0.00
00400	PH	Other-Hi Lim.	9.	10	0	0.00	2	0	0.00							8	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00	2	0	0.00							8	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00							5	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	2	0	0.00							8	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	9	0	0.00	2	0	0.00							7	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	0	0.00	1	0	0.00							2	0	0.00
		Drinking Water	5.	3	0	0.00	1	0	0.00							2	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00	1	0	0.00							2	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00	1	0	0.00							2	0	0.00
		Drinking Water	1300.	3	0	0.00	1	0	0.00							2	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	1	0	0.00							2	0	0.00
		Drinking Water	5.	3	0	0.00	1	0	0.00							2	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00	1	0	0.00							2	0	0.00
		Drinking Water	100.	3	0	0.00	1	0	0.00							2	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00	1	0	0.00							2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0279

NPS Station ID: INDU0279
LAT/LON: 41.633337/ -87.328337
Agency: 1115GLSB
Date Created: 09/22/77
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): IND 33
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 45
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 15.30
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 9.35
Distance from RF3: 1.12
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0279

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/77-09/24/77	8	16.5	17.063	21.	13.	8.674	2.945	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/11/77-09/24/77	8	1.4	1.338	1.8	0.7	0.126	0.354	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/11/77-09/24/77	3	3.5	3.167	3.5	2.5	0.333	0.577	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/77-09/24/77	8	282.5	282.25	285.	279.	3.929	1.982	**	**	**	**
00400	PH (STANDARD UNITS)	06/11/77-09/24/77	8	8.25	8.264	8.49	8.	0.03	0.173	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/11/77-09/24/77	8	8.247	8.234	8.49	8.	0.031	0.176	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/77-09/24/77	8	0.006	0.006	0.01	0.003	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/11/77-09/24/77	8	110.	110.125	112.	109.	0.982	0.991	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/11/77-09/24/77	8	0.019	0.021	0.04	0.002	0.	0.013	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/11/77-09/24/77	8	0.215	0.226	0.3	0.18	0.002	0.041	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/11/77-09/24/77	8	0.2	0.204	0.24	0.18	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/11/77-09/24/77	8	0.008	0.008	0.011	0.006	0.	0.002	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/11/77-09/24/77	8 ##	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/11/77-09/24/77	8 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/77-09/24/77	8	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/77-09/24/77	6	23.	22.833	23.	22.	0.167	0.408	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/11/77-09/24/77	8	0.45	0.663	1.4	0.3	0.191	0.437	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	5	74.	156.6	560.	1.	52500.8	229.131	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/77-09/24/77	5	1.869	1.648	2.748	0.	1.034	1.017	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			44.434								
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	5	160.	256.	620.	110.	46230.	215.012	**	**	**	**
31749	LOG PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	06/11/77-09/24/77	5	2.204	2.305	2.792	2.041	0.102	0.319	**	**	**	**
31749	GM PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	GEOMETRIC MEAN =			201.972								
32209	CHLOROPHYLL A UG/L FLUOROMETRIC CORRECTED	06/11/77-09/24/77	8	3.4	3.613	7.9	1.7	4.076	2.019	**	**	**	**
32213	PHEOPHYTIN-A,FLUORIMETRIC METHOD (UG/L)	06/11/77-09/24/77	8	3.5	3.513	7.7	1.	4.458	2.111	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0279

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
00400	PH	Other-Hi Lim.	9.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0279

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	3	0	0.00				2	0	0.00	3	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	6	0	0.00	3	0	0.00							3	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	1	0.20	2	0	0.00				1	0	0.00	2	1	0.50

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0280

NPS Station ID: INDU0280
LAT/LON: 41.607781/ -87.328893
Agency: 21INDN
Date Created: / /
Location: U.S. STEEL GARY WORKS GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313909
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 12.390
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 20.16
Distance from RF3: 0.12
On/Off RF3:
Description:
OUTFALL GW7 018

Parameter Inventory for Station: INDU0280

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/06/72-03/29/73	53	17.	18.358	30.	1.	39.696	6.3	12.	13.5	24.	27.
00056	FLOW, RATE GALLONS/DAY	01/06/72-03/29/73	53	11100000.	11013207.547	16900000.	7100000.	**********	2237103.015	8900000.	9500000.	11800000.	12800000.
00400	PH (STANDARD UNITS)	01/06/72-03/29/73	53	8.	7.994	9.4	6.9	0.207	0.455	7.14	7.8	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/06/72-03/29/73	53	8.	7.728	9.4	6.9	0.28	0.529	7.14	7.8	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/06/72-03/29/73	53	0.01	0.019	0.126	0.	0.001	0.028	0.004	0.006	0.016	0.073
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/06/72-03/29/73	53	12.	22.868	356.	1.	2302.425	47.984	5.	8.	24.	33.8
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/06/72-03/29/73	53	2.	2.755	30.	0.	20.266	4.502	0.	0.	4.	6.
74010	IRON, TOTAL (MG/L AS FE)	01/06/72-03/29/73	53	0.5	0.643	3.2	0.1	0.331	0.575	0.2	0.3	0.8	1.46
85002	SOLIDS, SUSPENDED - (#/DAY)	01/06/72-03/29/73	53	1110.	1894.943	21000.	88.	8316382.978	2883.814	461.2	686.5	2256.	3383.2
85012	IRON, TOTAL - (#/DAY)	01/06/72-03/29/73	53	42.	57.774	341.	9.	2965.409	54.456	16.4	24.5	73.5	134.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0280

				Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	53	1	0.02	17	0	0.00	15	1	0.07	13	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	53	0	0.00	17	0	0.00	15	0	0.00	13	0	0.00	8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0281

NPS Station ID: INDU0281
LAT/LON: 41.607781/ -87.329170
Agency: 112WRD
Date Created: 06/22/85
Location: US.STEEL OUTFALL #6 @ GARY,IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413628087194500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 8.470
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 21.71
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0281

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0282

NPS Station ID: INDU0282 LAT/LON: 41.575420/ -87.329671 Agency: 11COECHI Date Created: 08/21/82
Location: LITTLE CALUMET R RM 7.9 (FROM LAKE MICHIGAN) FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CLI31679
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04040001 RF1 Mile Point: 0.000 Distance from RF1: 15.20 On/Off RF1:
RF3 Index: 07120003000613.90 RF3 Mile Point: 14.70 Distance from RF3: 0.01 On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT CORPS OF ENGINEERS TO DETERMINE THE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM THE LITTLE CALUMET RIVER IN INDIANA. SEDIMENT WAS COLLECTED WITH A SPLIT SPOON SAMPLER. SAMPLE DEPTH IS RELATIVE TO MEAN SEA LEVEL. RIVER

Parameter Inventory for Station: INDU0282

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0283

NPS Station ID: INDU0283
LAT/LON: 41.607504/ -87.329726
Agency: 112WRD
Date Created: 06/22/85
Location: GRAND CALUMET R. @ VA. ST. @ GARY,IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413627087194700
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 8.570
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 07120003019800.00
RF3 Mile Point: 4.25
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0283

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0284

NPS Station ID: INDU0284
LAT/LON: 41.607781/ -87.331116
Agency: 112WRD
Date Created: 06/22/85
Location: US.STEEL OUTFALL #7 @ GARY,IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413628087195200
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 12.390
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001000300.05
RF3 Mile Point: 19.72
Distance from RF3: 0.22
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0284

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0285

NPS Station ID: INDU0285
LAT/LON: 41.634448/ -87.331948
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM016
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 42
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001004800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.31
On/Off RF3:
Description:
OPEN WATER LAKE MICHIGAN STATION SAMPLED DURING THE GLIRBP STUDY OF THE LAKE 1962-1964 LAT. 41D-38M-04.0S LONG. 087D-19M-55.0S

Parameter Inventory for Station: INDU0285

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/18/63	14	20.5	20.5	22.	19.	0.577	0.76	19.5	20.	21.	21.5
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/18/63	7	2.	2.071	3.	1.4	0.242	0.492	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/18/63	14	266.	264.071	281.	245.	124.533	11.159	245.	255.	271.75	279.5
00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/18/63	14	8.7	8.693	9.6	7.5	0.204	0.451	7.95	8.575	8.9	9.35
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/18/63	14	96.45	96.057	106.7	81.	32.393	5.692	86.55	93.7	99.125	103.95
00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/18/63	6	1.05	1.133	1.9	0.4	0.247	0.497	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/63-09/18/63	10	8.3	8.27	8.8	7.7	0.149	0.386	7.7	8.	8.575	8.8
00400	CONVERTED PH (STANDARD UNITS)	08/22/63-09/18/63	10	8.3	8.118	8.8	7.7	0.175	0.418	7.7	8.	8.575	8.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/63-09/18/63	10	0.005	0.008	0.02	0.002	0.	0.007	0.002	0.003	0.011	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/18/63	12	103.5	103.5	113.	98.	26.273	5.126	98.	99.	108.5	112.1
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/18/63	8	170.	170.625	185.	160.	60.268	7.763	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-09/18/63	7	0.18	0.181	0.33	0.06	0.007	0.082	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-09/18/63	8	0.055	0.075	0.18	0.03	0.002	0.05	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/22/63-09/18/63	8	0.025	0.038	0.09	0.02	0.001	0.025	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/63-09/18/63	6	34.	34.333	36.	33.	1.067	1.033	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	08/22/63-09/18/63	10	4.	4.12	5.1	3.6	0.291	0.539	3.61	3.775	4.35	5.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/63-09/18/63	11	14.	13.545	14.	13.	0.273	0.522	13.	13.	14.	14.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/63-09/18/63	10	1.	1.28	3.3	0.8	0.533	0.73	0.82	1.	1.325	3.11
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/18/63	11	6.	6.364	7.	5.	0.455	0.674	5.2	6.	7.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/18/63	11	25.	24.818	34.	20.	15.764	3.97	20.	22.	25.	33.
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/63-09/18/63	11	1.3	1.382	2.	0.9	0.158	0.397	0.92	1.	1.8	1.98
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/22/63-09/18/63	7	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/22/63-09/18/63	7	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/22/63-09/18/63	7	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/22/63-09/18/63	7	0.02	0.023	0.05	0.01	0.	0.013	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/22/63-09/18/63	7	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/22/63-09/18/63	7	0.	0.	0.	0.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-09/18/63	6	0.	1.	3.	0.	2.4	1.549	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/22/63-09/18/63	10	0.055	0.055	0.08	0.03	0.	0.016	0.031	0.04	0.065	0.08

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0285

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	14	0	0.00	2	0	0.00							12	0	0.00
00400	PH	Other-Hi Lim.	9.	10	0	0.00	2	0	0.00							8	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00	2	0	0.00							8	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	1	0	0.00							7	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	2	0	0.00							9	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	11	0	0.00	2	0	0.00							9	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	7	0	0.00	1	0	0.00							6	0	0.00
		Drinking Water	5.	7	0	0.00	1	0	0.00							6	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	7	0	0.00	1	0	0.00							6	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	7	0	0.00	1	0	0.00							6	0	0.00
		Drinking Water	1300.	7	0	0.00	1	0	0.00							6	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	7	0	0.00	1	0	0.00							6	0	0.00
		Drinking Water	5.	7	0	0.00	1	0	0.00							6	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	7	0	0.00	1	0	0.00							6	0	0.00
		Drinking Water	100.	7	0	0.00	1	0	0.00							6	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	7	0	0.00	1	0	0.00							6	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0286

NPS Station ID: INDU0286
LAT/LON: 41.607781/ -87.332781
Agency: 112WRD
Date Created: 06/22/85
Location: US.STEEL OUTFALL #8 @ GARY,IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413628087195800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 8.780
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 19.35
Distance from RF3: 0.28
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0286

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0287

NPS Station ID: INDU0287 | LAT/LON: 41.600004/ -87.333338 | Agency: 1115GLSP | Date Created: / /
Location: GARY WATER TREATMENT PLANT | | FIPS State/County: 18089 INDIANA/LAKE |
Station Type: /MUN/CMBTRT/CMBSRC/WELL/STREAM/LAKE | | STORET Station ID(s): DWB025 |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 04040001 | Depth of Water: 2 | Aquifer: |
Major Basin: LAKE MICHIGAN | Elevation: 0 | Water Body Id: |
Minor Basin: CALUMET - BURNS DITCH COMPLEX | | ECO Region: |
RF1 Index: 04040001010 | RF1 Mile Point: 12.250 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 04040001001009.96 | RF3 Mile Point: 20.72 | Distance from RF3: 0.25 | On/Off RF3:
Description:
THESE ARE ANALYTICAL RESULTS FROM THE REGION V DRINKING WATER SURVEY PREPARED BY BILL FAIRLESS (312-353-8370) DEPUTY DIRECTOR,CENTRAL REGIONAL LABORATORY. THIS SURVEY MAY BE CONSIDERED BASELINE CONCENTRATION VALUES SINCE IT WAS COMPLETED AT APPROXIMATELY THE SAME TIME AS THE SAFE DRINKING WATER ACT WAS PASSED. RAW AND FINISHED WATER

Parameter Inventory for Station: INDU0287

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0288

NPS Station ID: INDU0288
LAT/LON: 41.607781/ -87.333615
Agency: 21INDN
Date Created: / /
Location: U.S. STEEL GARY WORKS GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313910
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 12.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001000300.05
RF3 Mile Point: 19.72
Distance from RF3: 0.21
On/Off RF3:
Description:
OUTFALL GW7A 020

Parameter Inventory for Station: INDU0288

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-03/28/73	57	17.	18.912	37.	6.	67.189	8.197	10.	11.5	26.	32.
00056	FLOW, RATE GALLONS/DAY	01/05/72-03/28/73	57	1271.	16746578.035	89000000.	1044.	**********	32892878.393	1044.	1166.	1425.	81500000.
00400	PH (STANDARD UNITS)	01/05/72-03/28/73	57	7.4	7.479	8.9	6.8	0.173	0.416	7.	7.2	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	01/05/72-03/28/73	57	7.4	7.319	8.9	6.8	0.199	0.446	7.	7.2	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-03/28/73	57	0.04	0.048	0.158	0.001	0.001	0.039	0.01	0.016	0.063	0.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/72-03/28/73	57	11.	12.088	34.	1.	57.296	7.569	4.	6.	18.	22.4
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/05/72-03/28/73	57	2.	2.228	9.	0.	4.465	2.113	0.	1.	3.	5.
74010	IRON, TOTAL (MG/L AS FE)	01/05/72-03/28/73	57	0.5	0.811	6.4	0.05	0.904	0.951	0.2	0.35	1.05	1.5
85002	SOLIDS, SUSPENDED - (#/DAY)	01/05/72-03/28/73	57	8921.	11470.947	30170.	1080.	58952289.444	7678.039	3176.	5400.	18100.	22100.
85012	IRON, TOTAL - (#/DAY)	01/05/72-03/28/73	57	519.	733.737	5570.	87.	661588.197	813.381	190.4	326.	947.5	1397.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0288

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	57	0	0.00	18	0	0.00	14	0	0.00	18	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	57	0	0.00	18	0	0.00	14	0	0.00	18	0	0.00	7	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0289

NPS Station ID: INDU0289
LAT/LON: 41.607781/ -87.333615
Agency: 21INDN
Date Created: / /
Location: U.S. STEEL GARY WORKS GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313911
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 12.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 14.64
Distance from RF3: 0.15
On/Off RF3:
Description:
OUTFALL GW9 021

Parameter Inventory for Station: INDU0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/72-03/28/73	55	19.	20.491	32.	9.	36.81	6.067	13.6	15.	27.	29.4
00056	FLOW, RATE GALLONS/DAY	01/05/72-03/28/73	56	25700000.	29173214.286	42500000.	18900000.	**********	7225573.046	22900000.	23100000.	36500000.	38860000.
00400	PH (STANDARD UNITS)	01/05/72-03/28/73	55	7.8	7.804	8.5	6.4	0.123	0.351	7.4	7.7	8.	8.14
00400	CONVERTED PH (STANDARD UNITS)	01/05/72-03/28/73	55	7.8	7.585	8.5	6.4	0.172	0.415	7.4	7.7	8.	8.14
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/72-03/28/73	55	0.016	0.026	0.398	0.003	0.003	0.054	0.007	0.01	0.02	0.04
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/72-03/28/73	55	12.	14.236	60.	1.	141.221	11.884	2.	5.	20.	28.
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/05/72-03/28/73	55	1.	1.927	8.	0.	4.513	2.124	0.	0.	3.	5.4
74010	IRON, TOTAL (MG/L AS FE)	01/05/72-03/28/73	55	0.5	0.697	7.5	0.05	1.07	1.034	0.2	0.3	0.7	1.44
85002	SOLIDS, SUSPENDED - (#/DAY)	01/05/72-03/28/73	55	2890.	3740.182	17200.	192.	12184952.189	3490.695	383.8	944.	5460.	8392.2
85012	IRON, TOTAL - (#/DAY)	01/05/72-03/28/73	55	106.	178.382	2330.	20.	97491.759	312.237	38.	77.	177.	336.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0289

				Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	55	0	0.00	17	0	0.00	13	0	0.00	18	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	55	1	0.02	17	0	0.00	13	1	0.08	18	0	0.00	7	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0290

NPS Station ID: INDU0290
LAT/LON: 41.607781/ -87.335004
Agency: 21INDN
Date Created: / /
Location: U.S. STEEL GARY WORKS GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313912
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 12.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 14.64
Distance from RF3: 0.15
On/Off RF3:
Description:
OUTFALL GW10A 024

Parameter Inventory for Station: INDU0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/72-12/10/73	113	15.	16.301	27.	8.	37.462	6.121	9.	11.	22.5	25.
00056	FLOW, RATE GALLONS/DAY	01/01/72-12/10/73	113	37200000.	37524778.761	48700000.	22800000.	**********	5471444.23	30140000.	34500000.	41900000.	44340000.
00400	PH (STANDARD UNITS)	01/01/72-12/10/73	113	8.	7.92	8.5	6.6	0.157	0.396	7.3	7.7	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/01/72-12/10/73	113	8.	7.696	8.5	6.6	0.208	0.456	7.3	7.7	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/72-12/10/73	113	0.01	0.02	0.251	0.003	0.001	0.031	0.004	0.006	0.02	0.05
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/72-12/10/73	113	27.	28.434	143.	2.	368.391	19.194	10.	15.	35.	47.6
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/01/72-12/10/73	113	3.	3.46	20.	0.	8.411	2.9	1.	1.5	5.	7.
74010	IRON, TOTAL (MG/L AS FE)	01/01/72-12/10/73	113	1.2	2.373	48.	0.2	23.793	4.878	0.5	0.8	2.15	4.92
85002	SOLIDS, SUSPENDED - (#/DAY)	01/01/72-12/10/73	113	8370.	8894.796	44400.	683.	38792798.717	6228.387	2710.4	4605.	11284.5	14262.4
85012	IRON, TOTAL - (#/DAY)	01/01/72-12/10/73	113	376.	781.027	17800.	62.	3222592.133	1795.158	162.2	250.5	676.5	1370.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0290

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	113	0	0.00	35	0	0.00	29	0	0.00	34	0	0.00	15	0	0.00
		Other-Lo Lim.	6.5	113	0	0.00	35	0	0.00	29	0	0.00	34	0	0.00	15	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0291

NPS Station ID: INDU0291
LAT/LON: 41.607781/ -87.335281
Agency: 21INDN
Date Created: / /
Location: U.S. STEEL GARY WORKS GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313913
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 12.000
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 14.64
Distance from RF3: 0.08
On/Off RF3:
Description:
OUTFALL GW11A 025

Parameter Inventory for Station: INDU0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/72-03/27/73	113	13.	14.301	26.	4.	40.98	6.402	6.	9.	21.	24.
00056	FLOW, RATE GALLONS/DAY	01/01/72-03/27/73	113	1164.	25161490.274	99700000.	1019.	**********	40790369.258	1067.	1122.	82100000.	96900000.
00400	PH (STANDARD UNITS)	01/01/72-03/27/73	112	7.95	7.86	8.8	6.3	0.15	0.388	7.3	7.7	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/01/72-03/27/73	112	7.947	7.608	8.8	6.3	0.214	0.463	7.3	7.7	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/72-03/27/73	112	0.011	0.025	0.501	0.002	0.003	0.052	0.006	0.008	0.02	0.05
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/72-03/27/73	113	23.	24.23	81.	1.	230.893	15.195	8.	14.	30.	45.2
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/01/72-03/27/73	113	3.	3.336	29.	0.	12.439	3.527	0.4	1.	4.	7.
74010	IRON, TOTAL (MG/L AS FE)	01/01/72-03/27/73	113	1.1	1.899	11.6	0.1	4.293	2.072	0.4	0.7	2.2	4.6
85002	SOLIDS, SUSPENDED - (#/DAY)	01/01/72-03/27/73	113	20400.	21443.088	64032.	963.	165985171.76	12883.523	6584.	11250.	28800.	40020.
85012	IRON, TOTAL - (#/DAY)	01/01/72-03/27/73	113	964.	1731.212	8970.	62.	3729303.151	1931.14	356.	649.	1970.	4270.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0291

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	112	0	0.00	34	0	0.00	29	0	0.00	34	0	0.00	15	0	0.00
		Other-Lo Lim.	6.5	112	1	0.01	34	1	0.03	29	0	0.00	34	0	0.00	15	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0292

NPS Station ID: INDU0292 | LAT/LON: 41.631115/ -87.336116 | Agency: 1115G050 | Date Created: / /
Location: LAKE MICHIGAN OPEN WATER | FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): LM007
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 04060200 | Depth of Water: 36 | Aquifer:
Major Basin: LAKE MICHIGAN | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 04060200 | RF1 Mile Point: 0.000 | Distance from RF1: 6.00 | On/Off RF1:
RF3 Index: 04040001000300.05 | RF3 Mile Point: 25.32 | Distance from RF3: 0.28 | On/Off RF3:
Description:
OPEN WATER LAKE MICHIGAN STATION SAMPLED DURING THE GLIRBP STUDY OF THE LAKE 1962-1964 LAT. 41D-37M-52.0S LONG. 087D-20M-10.0S

Parameter Inventory for Station: INDU0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/18/63	10	20.	20.1	21.	19.	0.544	0.738	19.	19.75	21.	21.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/18/63	10	2.25	2.2	2.8	1.3	0.173	0.416	1.37	2.	2.525	2.78
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/18/63	7	270.	266.143	276.	245.	118.476	10.885	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/18/63	10	8.85	8.82	9.2	8.3	0.102	0.319	8.31	8.55	9.125	9.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/18/63	10	98.65	96.61	100.8	89.8	18.674	4.321	89.87	91.55	100.15	100.75
00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/18/63	5	1.2	1.36	2.5	0.7	0.458	0.677	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/63-09/18/63	9	8.3	8.189	8.4	7.8	0.051	0.226	7.8	8.	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	08/22/63-09/18/63	9	8.3	8.133	8.4	7.8	0.055	0.234	7.8	8.	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/63-09/18/63	9	0.005	0.007	0.016	0.004	0.	0.004	0.004	0.004	0.01	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/18/63	9	106.	104.222	115.	92.	46.944	6.852	92.	99.	108.5	115.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/18/63	5	180.	187.	215.	165.	407.5	20.187	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-09/18/63	5	0.16	0.144	0.19	0.07	0.002	0.047	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-09/18/63	5	0.14	0.172	0.49	0.03	0.034	0.186	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/22/63-09/18/63	5	0.03	0.06	0.14	0.01	0.003	0.057	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/63-09/18/63	9	34.	34.222	35.	33.	0.444	0.667	33.	34.	35.	35.
00920	MAGNESIUM (MG/L AS CACO3)	08/22/63-09/18/63	9	3.9	3.933	4.4	3.3	0.138	0.371	3.3	3.65	4.3	4.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/63-09/18/63	9	13.	13.444	14.	13.	0.278	0.527	13.	13.	14.	14.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/63-09/18/63	9	1.2	1.222	1.3	1.1	0.007	0.083	1.1	1.15	1.3	1.3
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/18/63	9	7.	6.667	7.	6.	0.25	0.5	6.	6.	7.	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/18/63	9	25.	24.889	28.	22.	4.611	2.147	22.	23.	27.	28.
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/63-09/18/63	9	1.3	1.222	1.5	0.8	0.057	0.239	0.8	1.05	1.4	1.5
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-09/18/63	5	1.	1.2	2.	0.	0.7	0.837	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/22/63-09/18/63	9	0.04	0.1	0.5	0.02	0.023	0.153	0.02	0.025	0.1	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0292

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	10	0	0.00	2	0	0.00							8	0	0.00
00400	PH	Other-Hi Lim.	9.	9	0	0.00	2	0	0.00							7	0	0.00
		Other-Lo Lim.	6.5	9	0	0.00	2	0	0.00							7	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0292

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	0.00	1	0	0.00							4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	2	0	0.00							7	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	9	0	0.00	2	0	0.00							7	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0293

NPS Station ID: INDU0293
LAT/LON: 41.596948/ -87.336670
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR08W03 SWSW L
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413549087201201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 12.150
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001022500.00
RF3 Mile Point: 0.30
Distance from RF3: 0.24
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0293

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/30/41-09/30/41	1	165.	165.	165.	165.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	09/30/41-09/30/41	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/30/41-09/30/41	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/30/41-09/30/41	1	447.	447.	447.	447.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/30/41-09/30/41	1	6.	6.	6.	6.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/30/41-09/30/41	1	890.	890.	890.	890.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0293

				Total	Exceed	Prop.	9/16-1/15			1/16-3/15			3/16-7/15			7/16-9/15		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0294

NPS Station ID: INDU0294
LAT/LON: 41.629170/ -87.340005
Agency: 21IND
Date Created: 02/21/81
Location: MOUTH-GARY HARBOR
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359059 /59-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 38
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 5.70
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 9.09
Distance from RF3: 0.21
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-10/20/81	81	13.	13.426	23.5	5.5	16.838	4.103	6.	12.	15.25	20.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/09/80-10/20/81	11	72.	88.364	156.	36.	1476.655	38.427	40.8	60.	120.	151.2
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/09/80-10/20/81	81	255.	239.753	270.	140.	1512.438	38.89	152.	230.	265.	270.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-10/20/81	81	310.	303.272	320.	280.	133.85	11.569	280.	300.	310.	314.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/80-10/20/81	81	9.3	9.64	12.2	7.7	1.33	1.153	8.24	9.1	10.25	12.
00400	PH (STANDARD UNITS)	04/09/80-10/20/81	81	8.3	8.289	8.5	8.1	0.013	0.114	8.1	8.2	8.4	8.4
00400	CONVERTED PH (STANDARD UNITS)	04/09/80-10/20/81	81	8.3	8.274	8.5	8.1	0.013	0.115	8.1	8.2	8.4	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/80-10/20/81	81	0.005	0.005	0.008	0.003	0.	0.001	0.004	0.004	0.006	0.008
00495	MOISTURE CONTENT (PERCENT OF TOTAL DRY WEIGHT)	05/20/80-09/16/80	4	26.85	26.625	30.8	22.	16.349	4.043	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	06/25/80-06/25/80	2	0.205	0.205	0.21	0.2	0.	0.007	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-10/20/81	24	0.047	0.048	0.107	0.017	0.	0.021	0.025	0.034	0.056	0.087
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-10/20/81	24	0.373	0.4	0.68	0.18	0.019	0.137	0.24	0.306	0.506	0.647
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-10/20/81	24	0.25	0.267	0.57	0.17	0.008	0.088	0.195	0.223	0.27	0.395
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-10/20/81	24	0.012	0.012	0.023	0.005	0.	0.003	0.009	0.01	0.014	0.016
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	05/20/80-10/20/81	22 ##	0.003	0.004	0.011	0.003	0.	0.002	0.003	0.003	0.005	0.007
00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-10/20/81	24	11.	10.792	13.	9.	0.955	0.977	10.	10.	11.75	12.
00945	SULFATE, TOTAL (MG/L AS SO4)	04/09/80-10/20/81	24	23.	22.5	24.	19.	1.565	1.251	20.5	22.	23.	24.
00956	SILICA, TOTAL (MG/L AS SI02)	04/09/80-10/20/81	24	0.4	0.438	0.9	0.1	0.08	0.283	0.1	0.2	0.7	0.9
01002	ARSENIC, TOTAL (UG/L AS AS)	05/20/80-10/20/81	16 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01007	BARIUM, TOTAL (UG/L AS BA)	05/20/80-10/20/81	16	27.5	24.813	32.	12.	55.496	7.45	12.	16.5	30.	32.
01027	CADMIUM, TOTAL (UG/L AS CD)	05/20/80-10/20/81	16 ##	0.5	0.531	1.	0.5	0.016	0.125	0.5	0.5	0.5	0.65
01034	CHROMIUM, TOTAL (UG/L AS CR)	05/20/80-10/20/81	16	2.	1.875	3.	1.	0.65	0.806	1.	1.	2.75	3.
01042	COPPER, TOTAL (UG/L AS CU)	05/20/80-10/20/81	16	2.	4.969	56.	0.5	185.616	13.624	0.85	1.	2.	18.9
01045	IRON, TOTAL (UG/L AS FE)	05/20/80-10/20/81	16	108.	144.313	370.	42.	10039.163	100.196	44.1	79.25	185.	321.
01051	LEAD, TOTAL (UG/L AS PB)	05/20/80-10/20/81	16	2.	1.938	4.	0.5	1.196	1.094	0.5	0.625	3.	3.3
01077	SILVER, TOTAL (UG/L AS AG)	05/20/80-10/20/81	16 ##	0.275	0.275	0.5	0.05	0.054	0.232	0.05	0.05	0.5	0.5
01147	SELENIUM, TOTAL (UG/L AS SE)	05/20/80-10/20/81	16 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	05/20/80-10/20/81	22 ##	1.	3.318	20.	1.	23.084	4.805	1.	1.	3.25	11.9
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/80-09/16/80	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/80-09/16/80	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/80-09/16/80	4 ##	0.05	0.075	0.15	0.05	0.003	0.05	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/20/80-09/16/80	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/80-09/16/80	4 ##	0.05	0.075	0.15	0.05	0.003	0.05	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/20/80-09/16/80	4 ##	0.5	0.563	0.75	0.5	0.016	0.125	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/20/80-09/16/80	4 ##	0.05	0.075	0.15	0.05	0.003	0.05	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/80-09/16/80	4 ##	0.5	0.55	0.7	0.5	0.01	0.1	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/80-09/16/80	4 ##	0.028	0.028	0.05	0.005	0.001	0.026	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/80-09/16/80	4 ##	0.003	0.014	0.05	0.001	0.001	0.024	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	06/25/80-09/16/80	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/80-09/16/80	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/25/80-06/25/80	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	05/20/80-10/20/81	16 ##	0.05	0.063	0.2	0.05	0.002	0.039	0.05	0.05	0.05	0.13

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0294

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	81	0	0.00	28	0	0.00				38	0	0.00	15	0	0.00
00400	PH	Other-Hi Lim.	9.	81	0	0.00	28	0	0.00				38	0	0.00	15	0	0.00
		Other-Lo Lim.	6.5	81	0	0.00	28	0	0.00				38	0	0.00	15	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	24	0	0.00	8	0	0.00				10	0	0.00	6	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	22	0	0.00	8	0	0.00				8	0	0.00	6	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	24	0	0.00	8	0	0.00				10	0	0.00	6	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	24	0	0.00	8	0	0.00				10	0	0.00	6	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	16	0	0.00	6	0	0.00				6	0	0.00	4	0	0.00
		Drinking Water	50.	16	0	0.00	6	0	0.00				6	0	0.00	4	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	16	0	0.00	6	0	0.00				6	0	0.00	4	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	16	0	0.00	6	0	0.00				6	0	0.00	4	0	0.00
		Drinking Water	5.	16	0	0.00	6	0	0.00				6	0	0.00	4	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	16	0	0.00	6	0	0.00				6	0	0.00	4	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	16	1	0.06	6	1	0.17				6	0	0.00	4	0	0.00
		Drinking Water	1300.	16	0	0.00	6	0	0.00				6	0	0.00	4	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	16	0	0.00	6	0	0.00				6	0	0.00	4	0	0.00
		Drinking Water	5.	16	0	0.00	6	0	0.00				6	0	0.00	4	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	16	0	0.00	6	0	0.00				6	0	0.00	4	0	0.00
		Drinking Water	50.	16	0	0.00	6	0	0.00				6	0	0.00	4	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	16	0	0.00	6	0	0.00				6	0	0.00	4	0	0.00
		Drinking Water	50.	16	0	0.00	6	0	0.00				6	0	0.00	4	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	5	0	0.00	1	0	0.00				1	0	0.00	3	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	5	0	0.00	1	0	0.00				1	0	0.00	3	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	5	0	0.00	1	0	0.00				1	0	0.00	3	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	5	0	0.00	1	0	0.00				1	0	0.00	3	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	5	0	0.00	1	0	0.00				1	0	0.00	3	0	0.00
		Drinking Water	0.2	5	0	0.00	1	0	0.00				1	0	0.00	3	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	5	0	0.00	1	0	0.00				1	0	0.00	3	0	0.00
		Drinking Water	3.	5	0	0.00	1	0	0.00				1	0	0.00	3	0	0.00
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	5	0	0.00	1	0	0.00				1	0	0.00	3	0	0.00
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	5	0	0.00	1	0	0.00				1	0	0.00	3	0	0.00
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	5	0	0.00	1	0	0.00				1	0	0.00	3	0	0.00
		Drinking Water	0.2	5	0	0.00	1	0	0.00				1	0	0.00	3	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	16	0	0.00	6	0	0.00				6	0	0.00	4	0	0.00
		Drinking Water	2.	16	0	0.00	6	0	0.00				6	0	0.00	4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0295

NPS Station ID: INDU0295
LAT/LON: 41.629170/ -87.340005
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-58
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359058 /58-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 42
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 4.10
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 8.50
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0295

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/09/80-06/24/81	27	14.	11.685	17.5	4.	32.368	5.689	4.	4.	16.5	17.5
00077	TRANSPARENCY, SECCHI DISC (INCHES)	04/09/80-06/24/81	3	132.	132.	204.	60.	5184.	72.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/09/80-06/24/81	27	270.	246.667	270.	200.	1130.769	33.627	200.	200.	270.	270.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/09/80-06/24/81	27	300.	294.074	300.	280.	57.764	7.6	284.	285.	300.	300.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	04/09/80-06/24/81	27	9.4	10.278	12.6	8.2	2.795	1.672	8.72	9.1	12.6	12.6
00400	PH (STANDARD UNITS)	04/09/80-06/24/81	27	8.25	8.272	8.4	8.1	0.007	0.086	8.2	8.2	8.35	8.4
00400	CONVERTED PH (STANDARD UNITS)	04/09/80-06/24/81	27	8.25	8.264	8.4	8.1	0.007	0.086	8.2	8.2	8.35	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/09/80-06/24/81	27	0.006	0.005	0.008	0.004	0.	0.001	0.004	0.004	0.006	0.006
00600	NITROGEN, TOTAL (MG/L AS N)	06/25/80-06/25/80	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/09/80-06/24/81	7	0.063	0.058	0.08	0.034	0.	0.018	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/09/80-06/24/81	7	0.45	0.439	0.73	0.22	0.034	0.184	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/09/80-06/24/81	7	0.23	0.237	0.28	0.2	0.001	0.033	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/80-06/24/81	7	0.012	0.012	0.024	0.003	0.	0.006	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/09/80-06/24/81	7 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/09/80-06/24/81	7	11.	10.571	11.	10.	0.286	0.535	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/09/80-06/24/81	7	23.	22.571	23.	21.	0.619	0.787	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	04/09/80-06/24/81	7	0.2	0.386	0.9	0.1	0.128	0.358	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/24/81-06/24/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	06/24/81-06/24/81	3	28.	28.333	30.	27.	2.333	1.528	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/24/81-06/24/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/24/81-06/24/81	3	2.	2.667	4.	2.	1.333	1.155	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/24/81-06/24/81	3	2.	2.333	4.	1.	2.333	1.528	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/24/81-06/24/81	3	51.	51.667	55.	49.	9.333	3.055	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/24/81-06/24/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/24/81-06/24/81	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/24/81-06/24/81	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/09/80-06/24/81	7 ##	1.	2.286	10.	1.	11.571	3.402	**	**	**	**
70505	PHOSPHATE,TOTAL,COLORIMETRIC METHOD (MG/L AS P)	06/25/80-06/25/80	2 ##	0.006	0.006	0.01	0.003	0.	0.005	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/24/81-06/24/81	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0295

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	27	0	0.00							27	0	0.00			
00400	PH	Other-Hi Lim.	9.	27	0	0.00							27	0	0.00			
		Other-Lo Lim.	6.5	27	0	0.00							27	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00							7	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	7	0	0.00							7	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00							7	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	7	0	0.00							7	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00							3	0	0.00			
		Drinking Water	50.	3	0	0.00							3	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	3	0	0.00							3	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	3	0	0.00							3	0	0.00			
		Drinking Water	5.	3	0	0.00							3	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	3	0	0.00							3	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	3	0	0.00							3	0	0.00			
		Drinking Water	1300.	3	0	0.00							3	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	3	0	0.00							3	0	0.00			
		Drinking Water	5.	3	0	0.00							3	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	3	0	0.00							3	0	0.00			
		Drinking Water	50.	3	0	0.00							3	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	3	0	0.00							3	0	0.00			
		Drinking Water	50.	3	0	0.00							3	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00							3	0	0.00			
		Drinking Water	2.	3	0	0.00							3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0296

NPS Station ID: INDU0296
LAT/LON: 41.608892/ -87.340005
Agency: 112WRD
Date Created: 06/22/85
Location: US.STEEL OUTFALL #9 @ GARY,IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413632087202400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 9.090
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 20.30
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0296

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0297

NPS Station ID: INDU0297
LAT/LON: 41.638615/ -87.340005
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-46
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359046 /46-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 42
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 6.60
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 10.02
Distance from RF3: 0.51
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/80-10/20/81	19	13.	13.868	15.	13.	0.94	0.97	13.	13.	15.	15.
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	09/16/80-10/20/81	19	255.	255.789	260.	250.	11.842	3.441	250.	255.	260.	260.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/80-10/20/81	19	305.	307.368	310.	305.	6.579	2.565	305.	305.	310.	310.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/16/80-10/20/81	19	9.4	9.463	10.1	9.1	0.071	0.267	9.2	9.3	9.6	10.
00400	PH (STANDARD UNITS)	09/16/80-10/20/81	19	8.2	8.205	8.3	8.1	0.007	0.085	8.1	8.1	8.3	8.3
00400	CONVERTED PH (STANDARD UNITS)	09/16/80-10/20/81	19	8.2	8.197	8.3	8.1	0.007	0.085	8.1	8.1	8.3	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/80-10/20/81	19	0.006	0.006	0.008	0.005	0.	0.001	0.005	0.005	0.008	0.008
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/16/80-10/20/81	5	0.024	0.022	0.039	0.005	0.	0.016	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/16/80-10/20/81	5	0.28	0.272	0.4	0.065	0.016	0.128	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/16/80-10/20/81	5	0.25	0.248	0.25	0.24	0.	0.004	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/16/80-10/20/81	5	0.009	0.009	0.012	0.005	0.	0.003	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/16/80-10/20/81	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/16/80-10/20/81	5	10.	10.2	11.	10.	0.2	0.447	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/16/80-10/20/81	5	23.	22.6	23.	22.	0.3	0.548	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	09/16/80-10/20/81	5	0.7	0.72	0.8	0.6	0.007	0.084	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	09/16/80-10/20/81	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	09/16/80-10/20/81	5	17.	19.6	30.	11.	79.3	8.905	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	09/16/80-10/20/81	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/16/80-10/20/81	5	3.	3.	3.	3.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	09/16/80-10/20/81	5	2.	2.	2.	2.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/16/80-10/20/81	5	73.	158.2	295.	71.	13960.7	118.155	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	09/16/80-10/20/81	5	1.	1.4	2.	1.	0.3	0.548	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	09/16/80-10/20/81	5 ##	0.5	0.32	0.5	0.05	0.061	0.246	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/16/80-10/20/81	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/16/80-10/20/81	5	4.	3.6	7.	1.	6.8	2.608	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/16/80-10/20/81	5 ##	0.05	0.06	0.1	0.05	0.001	0.022	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0297

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	19	0	0.00	19	0	0.00									
00400	PH	Other-Hi Lim.	9.	19	0	0.00	19	0	0.00									
		Other-Lo Lim.	6.5	19	0	0.00	19	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0297

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	5	0	0.00									
00720	CYANIDE, TOTAL	Fresh Acute	0.022	4	0	0.00	4	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	5	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	5	0	0.00	5	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	5	0	0.00	5	0	0.00									
		Drinking Water	50.	5	0	0.00	5	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	5	0	0.00	5	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	5	0	0.00	5	0	0.00									
		Drinking Water	5.	5	0	0.00	5	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	5	0	0.00	5	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	5	0	0.00	5	0	0.00									
		Drinking Water	1300.	5	0	0.00	5	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	5	0	0.00	5	0	0.00									
		Drinking Water	5.	5	0	0.00	5	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	5	0	0.00	5	0	0.00									
		Drinking Water	50.	5	0	0.00	5	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	5	0	0.00	5	0	0.00									
		Drinking Water	50.	5	0	0.00	5	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	5	0	0.00	5	0	0.00									
		Drinking Water	2.	5	0	0.00	5	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0298

NPS Station ID: INDU0298
LAT/LON: 41.641670/ -87.341670
Agency: 1110NET
Date Created: / /
Location: LAKE MICHIGAN AT GARY
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 170017 /44027
RMI-Indexes: 0849001
Within Park Boundary: No
RMI-Miles: 0512.30
HUC: 04060200
Depth of Water: 0
Aquifer:
Major Basin: WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: ST JOSEPH RIVER
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 10.30
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 3.19
Distance from RF3: 0.56
On/Off RF3:
Description:
SAMPLING INTAKE LOCATED 6,000 FT. OFF SHORE AT A DEPTH OF 35 FT. ACTIVATION DATE' OCT. 6, 1958. SAMPLED BY' GARY-HOBART WATER CORP. FIELD ANALYSIS BY' GARY-HOBART CORP. OTHER COOPERATING AGENCIES' INDIANA STATE BOARD OF HEALTH. NEAREST PERTINENT GAGING STATION' MILWAUKEE,WISCONSIN /LAKE LEVELS ONLY/, OPERATED BY U.S. ARMY LAKE SURVEY. PERIOD OF RECORD

Parameter Inventory for Station: INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	405	9.6	9.899	22.6	1.4	39.374	6.275	2.	3.55	14.5	19.18
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	406	12.5	12.651	110.	0.	112.018	10.584	3.	7.	12.5	20.6
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	393	5.	6.295	40.	0.	34.928	5.91	0.	3.25	10.	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/03/68-08/06/68	2	277.5	277.5	280.	275.	12.5	3.536	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	380	10.8	10.738	15.6	4.3	6.033	2.456	7.6	8.725	13.	13.99
00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	329	0.8	0.968	7.	0.	0.564	0.751	0.3	0.5	1.2	1.7
00335	COD, .025N K2CR2O7 MG/L	11/10/58-01/28/69	293	16.	17.457	57.	2.	86.785	9.316	11.	13.	18.	25.
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	11/03/58-11/16/65	252	0.9	1.019	3.9	0.1	0.277	0.526	0.5	0.7	1.2	1.5
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	11/03/58-11/16/65	233	2.7	2.781	5.6	0.	0.578	0.761	2.	2.3	3.2	3.6
00400	PH (STANDARD UNITS)	10/06/58-06/03/69	405	8.1	8.052	8.7	7.5	0.044	0.21	7.8	7.9	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/06/58-06/03/69	405	8.1	8.001	8.7	7.5	0.047	0.216	7.8	7.9	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/58-06/03/69	405	0.008	0.01	0.032	0.002	0.	0.005	0.005	0.006	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	406	115.	115.739	139.	100.	43.942	6.629	109.	111.	119.	125.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/13/58-06/03/69	344	168.	167.523	209.	108.	173.311	13.165	152.	158.	176.	184.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-06/23/64	138	32.	34.971	451.	2.	1540.744	39.252	12.9	21.	40.	47.1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/14/61-12/14/65	215	0.1	0.138	2.4	0.	0.037	0.192	0.	0.	0.2	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/08/64-08/06/68	31	0.2	0.242	0.6	0.05	0.017	0.13	0.1	0.1	0.3	0.4
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/08/64-08/06/68	29	0.3	0.448	1.6	0.05	0.164	0.405	0.1	0.2	0.65	1.1
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	01/05/65-09/06/66	10	0.15	0.25	0.9	0.05	0.071	0.267	0.05	0.088	0.35	0.86
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/28/61-06/03/69	300	0.	0.007	0.3	0.	0.001	0.032	0.	0.	0.	0.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/08/64-08/06/68	28 ##	0.008	0.014	0.06	0.005	0.	0.014	0.005	0.005	0.02	0.032
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/08/64-08/06/68	28 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.006
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/02/65-08/06/68	25	2.9	3.15	6.9	0.25	2.34	1.53	1.2	2.15	4.	5.4
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/06/65-08/06/68	19	2.	1.903	4.	0.25	1.142	1.068	0.25	1.5	2.7	3.7
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	406	136.	136.441	160.	121.	51.032	7.144	128.	131.	141.	147.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/62-01/01/69	11	5.	4.664	5.5	3.	0.503	0.709	3.2	4.2	5.	5.46
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/62-01/01/69	11	1.4	1.291	1.7	0.5	0.101	0.318	0.6	1.2	1.5	1.66
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	374	7.	7.147	12.	4.	1.858	1.363	6.	6.	8.	10.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/07/61-06/03/69	327	25.	26.113	48.	5.	37.561	6.129	19.8	22.	30.	35.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/62-01/01/69	11	0.12	0.129	0.22	0.07	0.002	0.041	0.076	0.1	0.15	0.21
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/62-01/01/69	12 ##	16.5	16.75	25.	6.5	33.568	5.794	6.95	13.25	22.5	24.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/62-01/01/69	12	19.	20.333	41.	14.	47.152	6.867	14.3	17.25	20.75	35.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/01/62-01/01/69	12 ##	0.023	0.038	0.21	0.015	0.003	0.055	0.015	0.016	0.029	0.158
01020	BORON, DISSOLVED (UG/L AS B)	10/01/62-01/01/69	12	32.5	36.583	76.	16.	353.902	18.812	16.3	22.25	43.	73.6
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/62-01/01/69	12 ##	3.5	3.542	9.	0.5	4.703	2.169	0.65	2.	4.375	7.65
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/62-01/01/69	12 ##	1.5	3.542	19.	0.5	26.566	5.154	0.5	1.125	4.375	15.1
01035	COBALT, DISSOLVED (UG/L AS CO)	10/01/62-01/01/69	12 ##	3.5	3.125	4.5	1.	1.642	1.281	1.15	1.625	4.375	4.5
01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/62-01/01/69	12	4.5	4.167	7.	1.5	4.379	2.093	1.65	2.	6.	7.
01045	IRON, TOTAL (UG/L AS FE)	10/01/62-01/01/69	12 ##	3.25	18.417	114.	1.5	1299.583	36.05	1.5	1.5	8.5	101.4
01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/62-01/01/69	12 ##	7.75	14.75	55.	3.	254.523	15.954	3.15	4.25	23.5	48.7
01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/62-01/01/69	12 ##	1.65	1.946	5.5	0.4	2.083	1.443	0.49	0.775	2.925	4.84
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/62-01/01/69	12	31.	35.208	73.	9.	494.339	22.234	9.15	14.	58.25	70.3
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/62-01/01/69	12 ##	3.5	3.042	4.5	0.5	2.021	1.422	0.65	1.625	4.375	4.5
01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	10/01/62-01/01/69	12 ##	20.75	26.792	83.	3.5	522.975	22.869	4.85	11.25	32.25	75.8
01075	SILVER, DISSOLVED (UG/L AS AG)	10/01/62-01/01/69	12 ##	0.35	0.35	0.45	0.15	0.009	0.093	0.165	0.35	0.438	0.45
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/62-01/01/69	12	68.	71.	112.	53.	207.636	14.41	55.7	64.25	74.5	101.5
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/01/62-01/01/69	12 ##	6.5	6.5	14.	0.5	12.091	3.477	1.4	3.625	8.875	12.5
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/62-01/01/69	12	18.	23.833	55.	10.	215.606	14.684	10.	12.	37.5	51.1
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/01/63-01/01/69	11	11.5	15.227	58.	3.	223.918	14.964	3.7	8.	18.	50.2
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/62-04/01/63	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	10/27/58-05/11/65	65	0.	0.523	12.	0.	2.66	1.631	0.	0.	0.5	1.
01502	ALPHA, TOTAL, COUNTING ERROR	10/27/58-05/11/65	43	1.	0.744	2.	0.	0.243	0.492	0.	0.	1.	1.
01503	ALPHA, DISSOLVED	10/27/58-05/11/65	65	0.	0.415	12.	0.	2.528	1.59	0.	0.	0.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/27/58-05/11/65	43	1.	0.651	2.	0.	0.28	0.529	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	10/27/58-05/11/65	65	0.	0.108	1.	0.	0.098	0.312	0.	0.	0.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/27/58-05/11/65	43	0.	0.372	1.	0.	0.239	0.489	0.	0.	1.	1.
03501	BETA, TOTAL	10/06/58-05/11/65	151	10.	15.166	109.	0.	328.619	18.128	0.	4.	19.	32.8
03502	BETA, TOTAL, COUNTING ERROR	10/06/58-05/11/65	114	9.	7.219	15.	0.	13.394	3.66	0.	5.	10.	10.
03503	BETA, DISSOLVED	10/06/58-05/11/65	151	8.	10.318	108.	0.	173.205	13.161	0.	2.	13.	19.
03504	BETA, DISSOLVED, COUNTING ERROR	10/06/58-05/11/65	114	7.	6.044	10.	0.	10.715	3.273	0.	4.	8.	10.
03505	BETA, SUSPENDED	10/06/58-05/11/65	151	2.	4.788	48.	0.	62.915	7.932	0.	0.	6.	13.8
03506	BETA, SUSPENDED, COUNTING ERROR	10/06/58-05/11/65	114	5.	4.772	13.	0.	11.363	3.371	0.	2.	6.	10.
13501	STRONTIUM 90, TOTAL	01/01/59-01/01/65	16	0.7	0.725	1.6	0.1	0.149	0.386	0.17	0.425	1.	1.32
13502	STRONTIUM 90, TOTAL, COUNTING ERROR	01/01/65-01/01/65	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	440	72.5	358.361	12000.	1.	915580.3	956.86	5.1	24.25	300.	750.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/06/58-04/22/69	440	1.86	1.882	4.079	0.	0.698	0.836	0.707	1.385	2.477	2.875
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			76.16								
32000	SAMPLE SIZE (LITERS)	10/04/66-11/11/69	26	4372.5	4128.769	4958.	1000.	810684.905	900.38	3201.5	3785.	4731.	4840.9
32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	124	4905.	3933.548	15820.	1000.	10687095.599	3269.112	1050.	1211.25	5110.	5430.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	133	157.	189.038	436.	71.	6346.885	79.667	110.	123.5	247.	307.
32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	133	121.	145.767	390.	34.	5020.847	70.858	77.	88.	197.	248.4
32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	133	39.	43.271	96.	17.	214.441	14.644	28.	33.	50.5	67.8
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	10/06/58-11/05/63	43	1.	1.512	5.	0.	0.922	0.96	1.	1.	2.	3.
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	10/06/58-11/05/63	43	9.	9.047	16.	5.	5.95	2.439	6.	7.	11.	12.6
32023	ACIDS, STRONG	10/06/58-11/05/63	43	2.	1.93	6.	1.	1.209	1.1	1.	1.	3.	3.
32024	ACIDS, WEAK	10/06/58-11/05/63	43	4.	4.302	10.	2.	2.692	1.641	3.	3.	5.	6.
32025	BASES	10/06/58-11/05/63	43	1.	0.953	2.	0.	0.093	0.305	1.	1.	1.	1.
32026	NEUTRALS, TOTAL	10/06/58-11/05/63	43	12.	13.744	32.	9.	22.862	4.781	9.4	11.	15.	21.2
32027	ALIPHATICS FRACTION OF NEUTRALS	10/06/58-11/05/63	43	2.	2.	7.	1.	1.381	1.175	1.	1.	3.	3.
32028	AROMATICS FRACTION OF NEUTRALS	10/06/58-11/05/63	43	2.	1.86	9.	1.	1.932	1.39	1.	1.	2.	3.
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	10/06/58-11/05/63	43	9.	9.07	18.	6.	7.447	2.729	6.4	7.	9.	14.2
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/03/64-04/03/68	46 ##	0.015	0.02	0.06	0.01	0.	0.013	0.01	0.01	0.03	0.04
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/06/58-07/06/64	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/06/58-07/06/64	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/06/58-07/06/64	9	0.	0.	0.001	0.	0.	0.	0.	0.	0.001	0.001
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/06/58-07/06/64	8	0.	0.	0.	0.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/06/58-07/06/64	8	0.	0.	0.	0.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/06/58-07/06/64	6 ##	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/06/58-07/06/64	10	0.	0.	0.001	0.	0.	0.	0.	0.	0.	0.
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/06/58-07/06/64	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/06/58-07/06/64	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60050	ALGAE, TOTAL (CELLS/ML)	10/03/61-10/08/68	102	1400.	1983.333	11900.	300.	3111501.65	1763.945	600.	900.	2425.	4100.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	102	0.	6.176	110.	0.	277.315	16.653	0.	0.	0.	20.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	102	0.	44.118	3220.	0.	101976.937	319.338	0.	0.	2.5	57.

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Parameter Inventory for Station: INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/03/61-10/08/68	102	60.	107.647	1450.	0.	33392.429	182.736	0.	20.	140.	237.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/03/61-10/08/68	101	0.	3.366	70.	0.	118.554	10.888	0.	0.	0.	20.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/61-10/08/68	102	0.	35.686	390.	0.	4737.643	68.831	0.	0.	40.	97.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/03/61-10/08/68	102	0.	26.176	500.	0.	4128.8	64.256	0.	0.	20.	77.
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/03/61-06/06/67	82	44.	47.037	87.	17.	337.616	18.374	24.3	32.5	60.25	73.
60391	DIATOMS,PERCENT OF TOTAL,SECOND DOMINANT SPECIES	10/11/66-06/06/67	3	14.	19.333	33.	11.	142.333	11.93	**	**	**	**
60392	DIATOMS,PERCENT OF TOTAL,THIRD DOMINANT SPECIES	10/11/66-06/06/67	3	7.	8.333	12.	6.	10.333	3.215	**	**	**	**
60393	DIATOMS,PERCENT OF TOTAL,FOURTH DOMINANT SPECIES	10/11/66-06/06/67	3	7.	8.	12.	5.	13.	3.606	**	**	**	**
60394	DIATOMS,PERCENT OF TOTAL,ALL OTHER SPECIES	10/11/66-06/06/67	3	39.	37.333	52.	21.	242.333	15.567	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	10/03/61-10/08/68	102	270.	652.843	9660.	0.	1401056.193	1183.662	40.	130.	665.	1773.
60600	DIATOMS, PENNATE (/ML)	10/03/61-10/08/68	102	850.	1103.333	3800.	70.	732042.244	855.595	309.	535.	1355.	2344.
60610	DIATOM, INERT SHELLS - CENTRIC (/ML)	10/11/66-10/08/68	12	20.	98.333	420.	0.	20906.061	144.589	6.	20.	150.	402.
60620	DIATOM, INERT SHELLS - PENNATE (/ML)	10/11/66-10/08/68	12	120.	181.667	930.	10.	61796.97	248.59	13.	25.	210.	723.
60820	PROTOZOA, TOTAL (/ML)	10/03/61-09/18/62	25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60850	ROTIFERS, TOTAL (/LITER)	10/03/61-04/15/63	39	26.	74.949	695.	0.	15475.629	124.401	3.	8.	96.	190.
60900	CRUSTACEA, TOTAL (/LITER)	10/03/61-04/15/63	39	2.	5.487	37.	0.	65.73	8.107	0.	1.	8.	18.
60950	NEMATODES, TOTAL (/LITER)	10/03/61-04/15/63	39	0.	0.231	3.	0.	0.445	0.667	0.	0.	0.	1.
60990	ZOOPLANKTON OTHER (/LITER)	10/03/61-04/15/63	39	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71000	COUNT LEVEL OF MOST ABNDNT ALGAE1ST DOMINANT /ML	10/11/66-06/06/67	3	900.	750.	900.	450.	67500.	259.808	**	**	**	**
71001	COUNT LEVEL OF MOST ABNDNT ALGAE2ND DOMINANT /ML	10/11/66-06/06/67	3	450.	525.	900.	225.	118125.	343.693	**	**	**	**
71002	COUNT LEVEL OF MOST ABNDNT ALGAE3RD DOMINANT /ML	10/11/66-06/06/67	3	450.	375.	450.	225.	16875.	129.904	**	**	**	**
71003	COUNT LEVEL OF MOST ABNDNT ALGAE4TH DOMINANT /ML	10/11/66-06/06/67	3	225.	225.	225.	225.	0.	0.	**	**	**	**
71004	COUNT LEVEL OF MOST ABNDNT ALGAE5TH DOMINANT /ML	10/11/66-10/11/66	1	225.	225.	225.	225.	0.	0.	**	**	**	**
71005	COUNT LEVEL OF MOST ABNDNT ALGAE6TH DOMINANT /ML	10/11/66-10/11/66	1	225.	225.	225.	225.	0.	0.	**	**	**	**
71010	GENUS OF MOST ABUNDANT ALGAE 1ST DOMINANT /ML	10/11/66-06/06/67	3	71.	55.667	71.	25.	705.333	26.558	**	**	**	**
71011	GENUS OF MOST ABUNDANT ALGAE 2ND DOMINANT /ML	10/11/66-06/06/67	3	77.	61.	84.	22.	1153.	33.956	**	**	**	**
71012	GENUS OF MOST ABUNDANT ALGAE 3RD DOMINANT /ML	10/11/66-06/06/67	3	93.	76.667	93.	44.	800.333	28.29	**	**	**	**
71013	GENUS OF MOST ABUNDANT ALGAE 4TH DOMINANT /ML	10/11/66-06/06/67	3	77.	76.667	84.	69.	56.333	7.506	**	**	**	**
71014	GENUS OF MOST ABUNDANT ALGAE 5TH DOMINANT /ML	10/11/66-10/11/66	1	84.	84.	84.	84.	0.	0.	**	**	**	**
71015	GENUS OF MOST ABUNDANT ALGAE 6TH DOMINANT /ML	10/11/66-10/11/66	1	88.	88.	88.	88.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: INDU0298

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	406	7	0.02	150	4	0.03	69	2	0.03	132	1	0.01	55	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	380	0	0.00	139	0	0.00	67	0	0.00	125	0	0.00	49	0	0.00
00400	PH	Other-Hi Lim.	9.	405	0	0.00	150	0	0.00	68	0	0.00	132	0	0.00	55	0	0.00
		Other-Lo Lim.	6.5	405	0	0.00	150	0	0.00	68	0	0.00	132	0	0.00	55	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	31	0	0.00	11	0	0.00	8	0	0.00	8	0	0.00	4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	374	0	0.00	135	0	0.00	66	0	0.00	124	0	0.00	49	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	327	0	0.00	113	0	0.00	66	0	0.00	107	0	0.00	41	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	12	0	0.00	6	0	0.00				6	0	0.00			
		Drinking Water	50.	12	0	0.00	6	0	0.00				6	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	12	0	0.00	6	0	0.00				6	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	12	0	0.00	6	0	0.00				6	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	8 &	0	0.00	4	0	0.00				4	0	0.00			
		Drinking Water	5.	11 &	0	0.00	6	0	0.00				5	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	12	0	0.00	6	0	0.00				6	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	12	0	0.00	6	0	0.00				6	0	0.00			
		Drinking Water	1300.	12	0	0.00	6	0	0.00				6	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	12	0	0.00	6	0	0.00				6	0	0.00			
		Drinking Water	5.	7 &	4	0.57	3	2	0.67				4	2	0.50			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	12	0	0.00	6	0	0.00				6	0	0.00			
		Drinking Water	100.	12	0	0.00	6	0	0.00				6	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	12	0	0.00	6	0	0.00				6	0	0.00			
		Drinking Water	50.	12	0	0.00	6	0	0.00				6	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	12	0	0.00	6	0	0.00				6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0298

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT	Fresh Acute	28900.	133	0	0.00	45	0	0.00	21	0	0.00	43	0	0.00	24	0	0.00
32005	CARBON CHLOROFORM EXTRACTABLES	Fresh Acute	28900.	133	0	0.00	45	0	0.00	21	0	0.00	43	0	0.00	24	0	0.00
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLU	Fresh Acute	28900.	43	0	0.00	16	0	0.00	8	0	0.00	12	0	0.00	7	0	0.00
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBL	Fresh Acute	28900.	43	0	0.00	16	0	0.00	8	0	0.00	12	0	0.00	7	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	10	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00	1	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	10	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00	1	0	0.00
		Drinking Water	0.2	10	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00	1	0	0.00
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	9	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00	1	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	8	0	0.00	1	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	8	0	0.00	1	0	0.00	1	0	0.00	6	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	6	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	10	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00	1	0	0.00
		Drinking Water	0.2	10	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00	1	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	10	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00	1	0	0.00
		Drinking Water	0.4	10	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00	1	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	10	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00	1	0	0.00
		Drinking Water	0.2	10	0	0.00	1	0	0.00	2	0	0.00	6	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1958 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	10	12.3	11.19	15.7	2.	20.223	4.497	2.32	8.8	15.05	15.65
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	10	3.5	4.8	14.	1.	18.622	4.315	1.	1.	8.25	13.5
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	10	12.5	12.5	25.	5.	34.722	5.893	5.	8.75	15.	24.
00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	6	10.65	10.883	13.1	8.4	2.678	1.636	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	6	1.7	1.817	3.2	1.	0.678	0.823	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	11/10/58-01/28/69	5	8.	8.6	12.	6.9	4.135	2.033	**	**	**	**
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	11/03/58-11/16/65	6	0.95	1.267	2.6	0.4	0.839	0.916	**	**	**	**
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	11/03/58-11/16/65	5	1.7	2.14	5.1	0.	3.463	1.861	**	**	**	**
00400	PH (STANDARD UNITS)	10/06/58-06/03/69	10	8.	7.96	8.1	7.6	0.025	0.158	7.62	7.875	8.1	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/06/58-06/03/69	10	8.	7.93	8.1	7.6	0.026	0.161	7.62	7.875	8.1	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/58-06/03/69	10	0.01	0.012	0.025	0.008	0.	0.005	0.008	0.008	0.013	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	10	118.5	119.6	130.	114.	18.044	4.248	114.4	118.	120.	129.3
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/13/58-06/03/69	5	160.	158.6	164.	151.	26.8	5.177	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	10	131.	130.9	134.	128.	2.322	1.524	128.2	130.	131.25	133.8
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	5	6.	6.2	7.	6.	0.2	0.447	**	**	**	**
01501	ALPHA, TOTAL	10/27/58-05/11/65	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	10/27/58-05/11/65	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	10/27/58-05/11/65	2	0.	0.	0.	0.	0.	0.	**	**	**	**
03501	BETA, TOTAL	10/06/58-05/11/65	11	15.	17.636	45.	3.	203.655	14.271	3.6	7.	20.	44.8
03502	BETA, TOTAL, COUNTING ERROR	10/06/58-05/11/65	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
03503	BETA, DISSOLVED	10/06/58-05/11/65	11	14.	15.818	45.	3.	178.764	13.37	3.6	7.	15.	43.6
03504	BETA, DISSOLVED, COUNTING ERROR	10/06/58-05/11/65	11	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
03505	BETA, SUSPENDED	10/06/58-05/11/65	11	1.	1.818	6.	0.	4.764	2.183	0.	0.	3.	5.8
03506	BETA, SUSPENDED, COUNTING ERROR	10/06/58-05/11/65	11	0.	4.545	10.	0.	27.273	5.222	0.	0.	10.	10.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	10	237.	499.1	1400.	10.	298166.322	546.046	11.6	38.75	1100.	1370.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/06/58-04/22/69	10	2.236	2.233	3.146	1.	0.634	0.796	1.041	1.579	3.041	3.136
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			170.904								
32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	3	4870.	4883.333	5000.	4780.	12233.333	110.604	**	**	**	**
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	3	147.	157.667	190.	136.	814.333	28.537	**	**	**	**
32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	3	101.	113.667	140.	100.	520.333	22.811	**	**	**	**
32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	3	47.	44.	50.	35.	63.	7.937	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1959 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	43	12.	11.151	21.8	1.4	34.93	5.91	2.92	5.9	14.8	19.96
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	43	4.	6.767	38.	1.	58.183	7.628	1.	1.	10.	16.8
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	43	5.	8.256	20.	5.	17.719	4.209	5.	5.	10.	15.
00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	26	11.05	10.958	15.6	6.7	3.88	1.97	8.58	9.475	12.125	13.83
00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	25	1.6	1.904	7.	0.2	2.694	1.641	0.72	1.1	1.95	4.62
00335	COD, .025N K2CR2O7 MG/L	11/10/58-01/28/69	17	5.4	7.171	26.4	2.8	29.717	5.451	2.96	4.	7.95	14.24
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	11/03/58-11/16/65	25	0.8	0.808	1.4	0.4	0.085	0.291	0.4	0.65	1.	1.3
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	11/03/58-11/16/65	20	2.4	2.695	5.6	1.5	1.366	1.169	1.71	1.9	2.7	5.16
00400	PH (STANDARD UNITS)	10/06/58-06/03/69	43	8.2	8.158	8.4	7.8	0.024	0.156	7.9	8.	8.3	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/06/58-06/03/69	43	8.2	8.129	8.4	7.8	0.025	0.159	7.9	8.	8.3	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/58-06/03/69	43	0.006	0.007	0.016	0.004	0.	0.003	0.005	0.005	0.01	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	43	115.	113.186	130.	102.	34.774	5.897	104.8	109.	116.	118.6
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/13/58-06/03/69	20	168.5	165.2	197.	108.	341.116	18.469	136.7	163.	172.	180.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-06/23/64	41	23.	38.463	451.	2.	4908.505	70.061	10.2	13.5	39.	47.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	43	135.	135.	147.	128.	15.571	3.946	130.4	132.	136.	141.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	26	6.5	6.692	8.	6.	0.622	0.788	6.	6.	7.	8.
01501	ALPHA, TOTAL	10/27/58-05/11/65	10	0.	0.5	2.	0.	0.5	0.707	0.	0.	1.	1.9
01503	ALPHA, DISSOLVED	10/27/58-05/11/65	10	0.	0.2	1.	0.	0.178	0.422	0.	0.	0.25	1.
01505	ALPHA, SUSPENDED	10/27/58-05/11/65	10	0.	0.3	1.	0.	0.233	0.483	0.	0.	1.	1.
03501	BETA, TOTAL	10/06/58-05/11/65	41	9.	22.439	109.	0.	762.352	27.611	1.	3.5	31.	68.2

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Annual Analysis for 1959 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
03502	BETA, TOTAL, COUNTING ERROR	10/06/58-05/11/65	31	0.	4.516	10.	0.	25.591	5.059	0.	0.	10.	10.
03503	BETA, DISSOLVED	10/06/58-05/11/65	41	8.	14.902	108.	0.	443.94	21.07	0.	2.	16.5	49.2
03504	BETA, DISSOLVED, COUNTING ERROR	10/06/58-05/11/65	31	0.	4.516	10.	0.	25.591	5.059	0.	0.	10.	10.
03505	BETA, SUSPENDED	10/06/58-05/11/65	41	3.	7.317	48.	0.	122.772	11.08	0.	0.	10.	19.6
03506	BETA, SUSPENDED, COUNTING ERROR	10/06/58-05/11/65	31	0.	4.194	10.	0.	25.161	5.016	0.	0.	10.	10.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	41	73.	379.488	4400.	3.	636320.206	797.697	11.6	22.	445.	904.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/06/58-04/22/69	41	1.863	1.968	3.643	0.477	0.574	0.758	1.051	1.342	2.648	2.956
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			92.839								
32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	12	5015.	5056.667	5510.	4730.	30951.515	175.93	4811.	5000.	5110.	5399.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	12	125.5	128.	179.	71.	749.455	27.376	81.2	115.25	146.75	171.8
32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	12	94.5	89.417	116.	34.	453.72	21.301	46.3	78.	103.5	113.3
32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	12	35.5	38.583	63.	23.	146.992	12.124	24.5	29.25	48.	60.9

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Annual Analysis for 1960 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	10	9.8	11.45	21.5	3.5	28.316	5.321	3.84	8.325	14.775	21.15
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	10	3.5	7.3	28.	1.	70.9	8.42	1.	2.5	10.5	26.7
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	10	7.5	9.	20.	0.	43.333	6.583	0.5	5.	12.5	20.
00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	9	8.9	8.722	10.5	6.7	1.287	1.134	6.7	7.9	9.45	10.5
00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	8	1.35	1.688	3.	1.1	0.464	0.681	**	**	**	**
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	11/03/58-11/16/65	9	0.6	0.6	0.9	0.1	0.085	0.292	0.1	0.4	0.9	0.9
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	11/03/58-11/16/65	9	1.9	2.1	4.1	1.1	0.702	0.838	1.1	1.7	2.3	4.1
00400	PH (STANDARD UNITS)	10/06/58-06/03/69	10	8.3	8.27	8.5	8.	0.02	0.142	8.01	8.175	8.325	8.49
00400	CONVERTED PH (STANDARD UNITS)	10/06/58-06/03/69	10	8.3	8.248	8.5	8.	0.021	0.144	8.01	8.175	8.325	8.49
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/58-06/03/69	10	0.005	0.006	0.01	0.003	0.	0.002	0.003	0.005	0.007	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	10	110.	109.8	118.	103.	19.511	4.417	103.3	106.	113.	117.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-06/23/64	16	19.5	23.875	49.	6.	185.45	13.618	8.8	12.	31.	47.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	10	140.5	139.5	156.	124.	146.944	12.122	124.1	125.75	152.25	155.7
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	9	7.	7.	8.	6.	0.25	0.5	6.	7.	7.	8.
01501	ALPHA, TOTAL	10/27/58-05/11/65	9	0.	0.667	3.	0.	1.	1.	0.	0.	1.	3.
01503	ALPHA, DISSOLVED	10/27/58-05/11/65	9	0.	0.556	3.	0.	1.028	1.014	0.	0.	1.	3.
01505	ALPHA, SUSPENDED	10/27/58-05/11/65	9	0.	0.111	1.	0.	0.111	0.333	0.	0.	0.	1.
03501	BETA, TOTAL	10/06/58-05/11/65	16	0.	0.813	6.	0.	3.363	1.834	0.	0.	0.	4.6
03503	BETA, DISSOLVED	10/06/58-05/11/65	16	0.	0.813	6.	0.	3.363	1.834	0.	0.	0.	4.6
03505	BETA, SUSPENDED	10/06/58-05/11/65	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	30	32.	195.033	1500.	1.	124432.447	352.75	6.3	13.25	155.	830.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/06/58-04/22/69	30	1.505	1.669	3.176	0.	0.597	0.773	0.796	1.12	2.185	2.916
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			46.685								
32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	12	5165.	5053.333	5490.	3360.	313915.152	560.281	3852.	5020.	5337.5	5466.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	12	138.5	131.083	159.	92.	560.083	23.666	93.2	110.	150.25	158.4
32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	12	106.5	98.583	124.	63.	478.992	21.886	65.7	74.75	117.25	123.1
32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	12	32.	32.5	39.	24.	20.636	4.543	25.2	29.25	36.5	39.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	46	9.95	10.128	22.6	1.5	37.777	6.146	2.57	4.425	14.775	19.66
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	46	9.	12.217	53.	0.	138.174	11.755	2.4	5.	15.	28.2
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	46	5.	5.109	20.	0.	28.321	5.322	0.	0.	10.	11.5
00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	46	10.6	10.648	14.5	7.	5.328	2.308	7.6	8.4	12.85	13.52

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Annual Analysis for 1961 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	44	1.05	1.132	3.2	0.1	0.452	0.672	0.4	0.625	1.525	1.95
00335	COD, .025N K2CR2O7 MG/L	11/10/58-01/28/69	42	13.	13.5	19.	10.	4.89	2.211	10.3	12.	15.	16.7
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	11/03/58-11/16/65	46	1.	1.009	2.9	0.4	0.175	0.418	0.5	0.775	1.2	1.5
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	11/03/58-11/16/65	42	2.4	2.524	4.6	1.4	0.346	0.588	1.86	2.2	2.8	3.27
00400	PH (STANDARD UNITS)	10/06/58-06/03/69	46	8.2	8.174	8.7	7.6	0.054	0.231	7.87	8.	8.4	8.43
00400	CONVERTED PH (STANDARD UNITS)	10/06/58-06/03/69	46	8.2	8.111	8.7	7.6	0.058	0.24	7.87	8.	8.4	8.43
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/58-06/03/69	46	0.006	0.008	0.025	0.002	0.	0.005	0.004	0.004	0.01	0.014
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	46	113.	113.565	125.	101.	29.585	5.439	106.7	110.	116.	122.3
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/13/58-06/03/69	39	156.	160.513	194.	127.	203.362	14.26	147.	152.	169.	183.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-06/23/64	21	31.	34.429	71.	13.	176.657	13.291	15.8	28.5	41.	56.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/14/61-12/14/65	41	0.	0.015	0.2	0.	0.002	0.042	0.	0.	0.	0.1
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/28/61-06/03/69	32	0.	0.003	0.1	0.	0.	0.018	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	46	140.	141.609	151.	128.	35.043	5.92	132.	139.	148.	148.3
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	44	9.	8.727	12.	4.	2.901	1.703	6.5	7.	10.	10.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/07/61-06/03/69	42	22.	22.548	32.	5.	20.985	4.581	18.	20.	25.25	28.
01501	ALPHA, TOTAL	10/27/58-05/11/65	13	0.	0.231	2.	0.	0.359	0.599	0.	0.	0.	1.6
01503	ALPHA, DISSOLVED	10/27/58-05/11/65	13	0.	0.154	2.	0.	0.308	0.555	0.	0.	0.	1.2
01505	ALPHA, SUSPENDED	10/27/58-05/11/65	13	0.	0.077	1.	0.	0.077	0.277	0.	0.	0.	0.6
03501	BETA, TOTAL	10/06/58-05/11/65	21	5.	8.333	33.	0.	101.433	10.071	0.	0.	14.5	27.8
03502	BETA, TOTAL, COUNTING ERROR	10/06/58-05/11/65	10	9.	8.2	9.	6.	1.733	1.317	6.	6.75	9.	9.
03503	BETA, DISSOLVED	10/06/58-05/11/65	21	2.	5.19	15.	0.	30.162	5.492	0.	0.	11.	13.8
03504	BETA, DISSOLVED, COUNTING ERROR	10/06/58-05/11/65	10	7.	6.5	7.	5.	0.722	0.85	5.	5.75	7.	7.
03505	BETA, SUSPENDED	10/06/58-05/11/65	21	0.	3.143	19.	0.	32.929	5.738	0.	0.	3.5	16.6
03506	BETA, SUSPENDED, COUNTING ERROR	10/06/58-05/11/65	10	5.	5.	6.	4.	0.667	0.816	4.	4.	6.	6.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	46	47.	105.5	720.	1.	25303.811	159.072	1.7	17.25	122.5	305.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/06/58-04/22/69	46	1.672	1.57	2.857	0.	0.557	0.746	0.211	1.235	2.088	2.483
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			37.173								
32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	14	5025.	6609.286	15490.	1400.	16681884.066	4084.346	3010.	4967.5	6602.5	15345.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	14	121.	141.857	309.	105.	2722.593	52.178	107.5	115.75	148.	242.5
32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	14	85.	106.143	252.	77.	2076.901	45.573	77.	81.25	118.25	189.
32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	14	36.5	35.714	57.	20.	98.835	9.942	21.	29.5	38.75	53.5
60050	ALGAE, TOTAL (CELLS/ML)	10/03/61-10/08/68	7	1100.	1300.	2400.	600.	420000.	648.074	**	**	**	**
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	7	20.	20.	60.	0.	533.333	23.094	**	**	**	**
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	7	0.	0.	0.	0.	0.	0.	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/03/61-10/08/68	7	20.	28.571	60.	20.	247.619	15.736	**	**	**	**
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/03/61-10/08/68	6	0.	3.333	20.	0.	66.667	8.165	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/61-10/08/68	7	0.	8.571	40.	0.	247.619	15.736	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/03/61-10/08/68	7	0.	8.571	60.	0.	514.286	22.678	**	**	**	**
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/03/61-06/06/67	7	47.	54.429	81.	39.	263.952	16.247	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	10/03/61-10/08/68	7	250.	287.143	520.	120.	15890.476	126.057	**	**	**	**
60600	DIATOMS, PENNATE (/ML)	10/03/61-10/08/68	7	790.	941.429	1840.	460.	264047.619	513.856	**	**	**	**

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Annual Analysis for 1962 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	48	11.	10.931	22.5	1.5	52.156	7.222	1.79	2.85	17.375	21.15
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	48	8.	10.479	40.	1.	56.042	7.486	3.	5.	15.	20.
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	48	5.	8.021	30.	0.	30.574	5.529	5.	5.	10.	15.
00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	48	10.35	10.715	14.6	6.5	7.008	2.647	7.29	8.5	13.55	14.5
00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	46	0.8	0.874	3.	0.1	0.249	0.499	0.4	0.5	1.1	1.33
00335	COD, .025N K2CR2O7 MG/L	11/10/58-01/28/69	48	18.	17.979	31.	11.	21.553	4.642	13.	15.	19.75	26.2
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	11/03/58-11/16/65	48	1.	1.106	3.9	0.4	0.498	0.706	0.4	0.725	1.275	1.57
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	11/03/58-11/16/65	44	2.9	2.959	5.1	1.9	0.515	0.718	2.3	2.3	3.275	4.1
00400	PH (STANDARD UNITS)	10/06/58-06/03/69	48	8.1	8.115	8.3	7.9	0.011	0.107	8.	8.	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/06/58-06/03/69	48	8.1	8.102	8.3	7.9	0.012	0.108	8.	8.	8.2	8.3

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Annual Analysis for 1962 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/58-06/03/69	48	0.008	0.008	0.013	0.005	0.	0.002	0.005	0.006	0.01	0.01
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	48	124.	124.896	139.	113.	19.712	4.44	120.	123.	127.	128.2
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/13/58-06/03/69	48	158.	160.604	186.	144.	96.755	9.836	151.	153.25	167.25	174.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-06/23/64	42	36.	35.429	67.	14.	102.202	10.11	22.2	28.75	40.25	47.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/14/61-12/14/65	48	0.1	0.171	2.4	0.	0.121	0.348	0.	0.	0.2	0.3
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/28/61-06/03/69	39	0.	0.041	0.3	0.	0.006	0.075	0.	0.	0.1	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	48	131.	133.917	148.	125.	51.099	7.148	126.	128.	140.	144.4
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	48	8.	8.458	12.	5.	2.594	1.611	6.	7.	10.	10.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/07/61-06/03/69	48	24.	25.5	36.	17.	25.617	5.061	19.	22.	29.	35.
01501	ALPHA, TOTAL	10/27/58-05/11/65	12	0.	1.083	12.	0.	11.902	3.45	0.	0.	0.	8.7
01503	ALPHA, DISSOLVED	10/27/58-05/11/65	12	0.	1.083	12.	0.	11.902	3.45	0.	0.	0.	8.7
01505	ALPHA, SUSPENDED	10/27/58-05/11/65	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
03501	BETA, TOTAL	10/06/58-05/11/65	43	15.	17.233	77.	0.	166.707	12.911	4.4	11.	20.	31.2
03502	BETA, TOTAL, COUNTING ERROR	10/06/58-05/11/65	43	9.	8.535	11.	5.	2.302	1.517	6.	8.	9.	10.
03503	BETA, DISSOLVED	10/06/58-05/11/65	43	10.	10.488	43.	0.	46.446	6.815	3.	7.	13.	16.
03504	BETA, DISSOLVED, COUNTING ERROR	10/06/58-05/11/65	43	7.	6.628	8.	4.	1.239	1.113	5.	6.	7.	8.
03505	BETA, SUSPENDED	10/06/58-05/11/65	43	4.	6.744	34.	0.	63.862	7.991	0.	2.	8.	17.8
03506	BETA, SUSPENDED, COUNTING ERROR	10/06/58-05/11/65	43	5.	5.395	9.	3.	1.388	1.178	4.	5.	6.	7.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	50	58.	153.24	700.	1.	31837.166	178.43	6.	20.	262.5	418.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/06/58-04/22/69	50	1.763	1.779	2.845	0.	0.527	0.726	0.778	1.301	2.418	2.621
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			60.153								
32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	16	5175.	7641.25	15820.	4810.	20812251.667	4562.045	4901.	5000.	12572.5	15407.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	16	116.5	113.75	139.	89.	251.533	15.86	90.4	96.	127.75	132.7
32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	16	84.	79.25	100.	52.	227.533	15.084	52.7	67.25	92.5	95.8
32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	16	36.	34.5	45.	21.	52.4	7.239	22.4	29.25	40.5	45.
60050	ALGAE, TOTAL (CELLS/ML)	10/03/61-10/08/68	24	1850.	2300.	7500.	300.	3215652.174	1793.224	500.	1025.	3625.	4800.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	24	0.	6.25	50.	0.	224.457	14.982	0.	0.	0.	40.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	24	0.	8.75	70.	0.	463.587	21.531	0.	0.	0.	60.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/03/61-10/08/68	24	40.	55.	190.	0.	3200.	56.569	0.	2.5	87.5	155.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/03/61-10/08/68	24	0.	3.333	40.	0.	127.536	11.293	0.	0.	0.	20.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/61-10/08/68	24	20.	29.583	120.	0.	1212.862	34.826	0.	0.	55.	90.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/03/61-10/08/68	24	5.	60.	500.	0.	12904.348	113.597	0.	0.	100.	190.
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/03/61-06/06/67	24	55.	53.625	87.	26.	349.375	18.692	28.	34.25	69.75	79.5
60400	DIATOMS, CENTRIC (/ML)	10/03/61-10/08/68	24	480.	825.	3750.	0.	971130.435	985.46	20.	132.5	985.	2565.
60600	DIATOMS, PENNATE (/ML)	10/03/61-10/08/68	24	1015.	1304.583	3710.	150.	1124886.775	1060.607	220.	405.	1855.	3395.

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Annual Analysis for 1963 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	47	11.4	10.96	21.6	1.4	45.382	6.737	1.68	3.5	17.4	19.62
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	47	11.	11.968	27.	7.	20.776	4.558	7.	9.	12.5	20.
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	47	5.	7.34	30.	0.	31.36	5.6	0.	5.	10.	15.
00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	46	10.5	10.713	14.9	7.	7.113	2.667	7.6	8.2	13.55	14.59
00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	39	0.6	0.633	2.1	0.1	0.19	0.435	0.1	0.3	0.8	1.2
00335	COD, .025N K2CR2O7 MG/L	11/10/58-01/28/69	44	18.5	26.636	57.	8.	259.493	16.109	13.5	16.	28.75	55.5
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	11/03/58-11/16/65	45	1.2	1.191	3.2	0.6	0.295	0.543	0.6	0.8	1.35	1.84
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	11/03/58-11/16/65	43	3.	3.04	4.9	2.2	0.298	0.546	2.3	2.7	3.3	3.9
00400	PH (STANDARD UNITS)	10/06/58-06/03/69	47	8.	8.04	8.4	7.8	0.02	0.141	7.88	7.9	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/06/58-06/03/69	47	8.	8.019	8.4	7.8	0.02	0.143	7.88	7.9	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/58-06/03/69	47	0.01	0.01	0.016	0.004	0.	0.003	0.005	0.008	0.013	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	47	115.	118.957	138.	110.	68.998	8.307	112.8	114.	118.	135.2
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/13/58-06/03/69	46	163.5	163.087	186.	144.	78.703	8.871	150.7	156.75	168.	172.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-06/23/64	12	36.5	34.75	46.	11.	88.205	9.392	16.1	29.75	41.25	45.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/14/61-12/14/65	47	0.1	0.17	0.4	0.	0.013	0.114	0.	0.1	0.3	0.32
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/28/61-06/03/69	45	0.	0.007	0.1	0.	0.001	0.025	0.	0.	0.	0.

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Annual Analysis for 1963 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	47	137.	138.702	160.	127.	96.692	9.833	128.	130.	146.	158.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	45	6.	6.533	9.	4.	0.755	0.869	6.	6.	7.	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/07/61-06/03/69	45	26.	28.578	45.	22.	25.431	5.043	23.2	25.	32.	34.4
01501	ALPHA, TOTAL	10/27/58-05/11/65	12	0.	0.583	4.	0.	1.356	1.165	0.	0.	1.	3.1
01503	ALPHA, DISSOLVED	10/27/58-05/11/65	12	0.	0.417	3.	0.	0.811	0.9	0.	0.	0.75	2.4
01505	ALPHA, SUSPENDED	10/27/58-05/11/65	12	0.	0.167	1.	0.	0.152	0.389	0.	0.	0.	1.
03501	BETA, TOTAL	10/06/58-05/11/65	12	12.	15.25	30.	8.	60.75	7.794	8.	9.	21.75	29.1
03502	BETA, TOTAL, COUNTING ERROR	10/06/58-05/11/65	12	5.5	6.75	11.	3.	7.841	2.8	3.3	5.	9.75	11.
03503	BETA, DISSOLVED	10/06/58-05/11/65	12	11.	12.75	28.	5.	40.932	6.398	5.6	8.25	16.75	25.3
03504	BETA, DISSOLVED, COUNTING ERROR	10/06/58-05/11/65	12	4.	5.083	9.	3.	3.902	1.975	3.	4.	6.75	8.7
03505	BETA, SUSPENDED	10/06/58-05/11/65	12	2.	2.5	8.	0.	6.273	2.505	0.	0.25	4.75	7.1
03506	BETA, SUSPENDED, COUNTING ERROR	10/06/58-05/11/65	12	3.5	4.333	9.	1.	5.152	2.27	1.3	3.	6.	8.1
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	46	185.	620.804	7000.	1.	2040075.361	1428.312	1.	56.	520.	1132.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/06/58-04/22/69	46	2.267	2.042	3.845	0.	0.969	0.984	0.	1.744	2.715	3.007
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			110.269								
32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	12	5075.	5068.083	5280.	4560.	35907.72	189.493	4692.	5000.	5200.	5259.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	12	125.	129.333	158.	109.	228.606	15.12	110.2	118.	138.25	156.5
32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	12	89.	91.833	121.	81.	117.606	10.845	81.3	84.	97.25	114.1
32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	12	35.5	37.5	71.	17.	179.182	13.386	19.7	29.	42.5	64.1
60050	ALGAE, TOTAL (CELLS/ML)	10/03/61-10/08/68	23	1000.	1169.565	3400.	300.	614940.711	784.182	340.	700.	1400.	2640.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	23	0.	12.174	110.	0.	654.15	25.576	0.	0.	20.	46.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	23	0.	10.435	90.	0.	422.53	20.556	0.	0.	20.	32.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/03/61-10/08/68	23	20.	46.957	230.	0.	3476.68	58.963	0.	0.	70.	134.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/03/61-10/08/68	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/61-10/08/68	23	0.	6.087	60.	0.	233.992	15.297	0.	0.	0.	32.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/03/61-10/08/68	23	0.	17.826	170.	0.	1517.787	38.959	0.	0.	20.	68.
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/03/61-06/06/67	12	43.5	48.667	84.	17.	420.788	20.513	20.9	35.5	63.5	83.7
60400	DIATOMS, CENTRIC (/ML)	10/03/61-10/08/68	23	250.	455.217	2280.	20.	404707.905	636.167	24.	90.	560.	1840.
60600	DIATOMS, PENNATE (/ML)	10/03/61-10/08/68	23	590.	621.739	1550.	180.	93624.111	305.981	260.	440.	740.	1080.

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Annual Analysis for 1964 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	44	9.1	9.47	20.4	1.6	41.344	6.43	1.9	2.7	14.85	19.35
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	44 ##	12.5	17.307	60.	12.5	121.061	11.003	12.5	12.5	12.5	31.5
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	44	5.	5.227	30.	0.	44.133	6.643	0.	0.	8.75	15.
00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	43	12.	11.426	14.4	4.9	6.253	2.501	7.92	9.4	13.8	14.
00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	37	0.7	0.768	2.1	0.	0.168	0.41	0.3	0.45	1.05	1.24
00335	COD, .025N K2CR2O7 MG/L	11/10/58-01/28/69	43	16.	17.047	52.	12.	40.331	6.351	12.4	14.	17.	22.6
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	11/03/58-11/16/65	43	0.8	0.995	2.6	0.5	0.148	0.384	0.6	0.8	1.2	1.42
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	11/03/58-11/16/65	42	3.	3.007	4.6	2.1	0.317	0.563	2.3	2.7	3.3	3.57
00400	PH (STANDARD UNITS)	10/06/58-06/03/69	44	8.	8.032	8.4	7.7	0.02	0.143	7.8	8.	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/06/58-06/03/69	44	8.	8.009	8.4	7.7	0.021	0.145	7.8	8.	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/58-06/03/69	44	0.01	0.01	0.02	0.004	0.	0.003	0.006	0.008	0.01	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	44	114.	114.705	125.	108.	16.725	4.09	109.	112.	118.	120.5
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/13/58-06/03/69	43	167.	166.488	198.	148.	95.018	9.748	154.	159.	172.	177.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/05/59-06/23/64	6	40.5	39.833	55.	21.	127.767	11.303	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/14/61-12/14/65	43	0.1	0.135	0.3	0.	0.007	0.084	0.	0.1	0.2	0.26
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/28/61-06/03/69	42	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	44	134.5	135.295	150.	121.	36.678	6.056	128.5	131.	139.	143.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	43	7.	7.163	9.	5.	0.901	0.949	5.4	7.	8.	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/07/61-06/03/69	43	26.	27.419	45.	18.	32.059	5.662	20.4	23.	30.	35.
01501	ALPHA, TOTAL	10/27/58-05/11/65	6	0.	0.	0.	0.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	10/27/58-05/11/65	6	0.	0.	0.	0.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	10/27/58-05/11/65	6	0.	0.	0.	0.	0.	0.	**	**	**	**

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Annual Analysis for 1964 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
03501	BETA, TOTAL	10/06/58-05/11/65	6	9.5	9.5	13.	4.	11.5	3.391	**	**	**	**
03502	BETA, TOTAL, COUNTING ERROR	10/06/58-05/11/65	6	6.	7.	15.	3.	22.	4.69	**	**	**	**
03503	BETA, DISSOLVED	10/06/58-05/11/65	6	7.	6.833	10.	4.	4.967	2.229	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	10/06/58-05/11/65	6	4.5	4.5	7.	2.	5.9	2.429	**	**	**	**
03505	BETA, SUSPENDED	10/06/58-05/11/65	6	3.	2.667	5.	0.	3.467	1.862	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	10/06/58-05/11/65	6	3.5	4.833	13.	2.	18.167	4.262	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	49	200.	859.306	12000.	1.	3988796.217	1997.197	2.	57.	685.	2700.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/06/58-04/22/69	49	2.301	2.201	4.079	0.	0.896	0.947	0.301	1.756	2.834	3.431
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			158.771								
32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	11	1098.	1507.	5311.	1000.	1600802.6	1265.228	1008.	1069.	1270.	4503.8
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	11	276.	273.636	380.	135.	4527.055	67.283	152.6	239.	312.	376.8
32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	11	215.	217.455	316.	103.	3228.673	56.821	118.	184.	243.	311.4
32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	11	58.	56.182	77.	32.	203.764	14.275	33.4	41.	69.	75.8
60050	ALGAE, TOTAL (CELLS/ML)	10/03/61-10/08/68	20	1350.	1875.	5400.	400.	1999868.421	1414.167	610.	1050.	1800.	4300.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	20	0.	3.	40.	0.	95.789	9.787	0.	0.	0.	18.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	20	0.	10.5	130.	0.	857.632	29.285	0.	0.	15.	20.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/03/61-10/08/68	20	90.	112.	290.	0.	8522.105	92.315	20.	25.	187.5	259.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/03/61-10/08/68	20	0.	3.	20.	0.	53.684	7.327	0.	0.	0.	20.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/61-10/08/68	20	0.	25.	250.	0.	3394.737	58.264	0.	0.	20.	87.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/03/61-10/08/68	20	0.	16.5	140.	0.	1192.368	34.531	0.	0.	20.	59.
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/03/61-06/06/67	20	47.	44.85	69.	22.	193.924	13.926	25.1	34.25	58.75	62.9
60400	DIATOMS, CENTRIC (/ML)	10/03/61-10/08/68	20	360.	587.5	4180.	70.	780925.	883.7	76.	185.	577.5	1033.
60600	DIATOMS, PENNATE (/ML)	10/03/61-10/08/68	20	885.	1108.5	3480.	180.	785360.789	886.206	294.	652.5	1087.5	2944.

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Annual Analysis for 1965 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	38	7.6	8.539	21.4	1.9	33.671	5.803	2.09	3.05	12.75	18.92
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	39 ##	12.5	13.769	62.	12.5	62.827	7.926	12.5	12.5	12.5	12.5
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	39	5.	6.154	40.	0.	58.502	7.649	0.	0.	5.	10.
00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	37	10.7	10.911	14.4	7.	6.154	2.481	7.5	8.95	13.6	14.04
00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	31	0.6	0.8	2.	0.3	0.197	0.444	0.4	0.5	1.2	1.5
00335	COD, .025N K2CR2O7 MG/L	11/10/58-01/28/69	30	16.5	18.367	36.	11.	49.964	7.069	12.	13.	20.	33.7
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	11/03/58-11/16/65	30	0.8	0.92	2.9	0.6	0.244	0.494	0.6	0.6	1.	1.47
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	11/03/58-11/16/65	28	2.45	2.546	4.9	1.6	0.363	0.603	1.97	2.225	2.8	2.93
00400	PH (STANDARD UNITS)	10/06/58-06/03/69	38	8.	7.942	8.2	7.5	0.037	0.193	7.69	7.8	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	10/06/58-06/03/69	38	8.	7.898	8.2	7.5	0.039	0.198	7.69	7.8	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/58-06/03/69	38	0.01	0.013	0.032	0.006	0.	0.006	0.006	0.008	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	39	114.	114.744	125.	108.	14.775	3.844	110.	112.	118.	120.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/13/58-06/03/69	35	170.	169.771	205.	143.	165.358	12.859	151.6	160.	177.	186.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/14/61-12/14/65	36	0.2	0.197	0.4	0.	0.011	0.106	0.1	0.1	0.3	0.33
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/28/61-06/03/69	37	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	39	136.	136.59	151.	125.	51.301	7.162	127.	130.	144.	147.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	38	7.	7.158	9.	6.	0.569	0.754	6.	7.	8.	8.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/07/61-06/03/69	33	27.	27.545	45.	17.	41.943	6.476	19.4	23.	30.	38.4
01501	ALPHA, TOTAL	10/27/58-05/11/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	10/27/58-05/11/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	10/27/58-05/11/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
03501	BETA, TOTAL	10/06/58-05/11/65	1	7.	7.	7.	7.	0.	0.	**	**	**	**
03502	BETA, TOTAL, COUNTING ERROR	10/06/58-05/11/65	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	10/06/58-05/11/65	1	6.	6.	6.	6.	0.	0.	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	10/06/58-05/11/65	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03505	BETA, SUSPENDED	10/06/58-05/11/65	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03506	BETA, SUSPENDED, COUNTING ERROR	10/06/58-05/11/65	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	46	85.	362.543	4200.	5.	505304.387	710.848	10.	40.5	365.	1200.

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Annual Analysis for 1965 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/06/58-04/22/69	46	1.929	2.048	3.623	0.699	0.475	0.689	1.	1.607	2.562	3.079
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			111.704								
32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	10	1217.5	1186.7	1280.	1025.	8128.456	90.158	1027.5	1110.	1262.25	1278.9
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	12	237.	263.5	436.	158.	6025.364	77.623	170.	205.5	322.5	408.4
32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	12	187.5	208.	390.	124.	5552.727	74.517	130.	157.5	255.	359.4
32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	12	48.	55.5	96.	34.	341.182	18.471	35.2	43.	69.25	90.6
60050	ALGAE, TOTAL (CELLS/ML)	10/03/61-10/08/68	12	2050.	3233.333	11900.	700.	10495151.515	3239.622	730.	975.	4550.	10220.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	12	0.	33.333	180.	0.	3024.242	54.993	0.	0.	65.	150.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/03/61-10/08/68	12	155.	179.167	390.	0.	12844.697	113.334	21.	107.5	265.	378.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/03/61-10/08/68	12	0.	1.667	20.	0.	33.333	5.774	0.	0.	0.	14.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/61-10/08/68	12	90.	135.	390.	0.	12609.091	112.29	12.	72.5	192.5	363.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/03/61-10/08/68	12	10.	23.333	140.	0.	1587.879	39.848	0.	0.	35.	110.
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/03/61-06/06/67	12	30.	36.417	86.	17.	352.447	18.774	18.8	24.25	39.5	77.6
60400	DIATOMS, CENTRIC (/ML)	10/03/61-10/08/68	12	180.	1370.833	9660.	0.	7451226.515	2729.693	21.	100.	1777.5	7422.
60600	DIATOMS, PENNATE (/ML)	10/03/61-10/08/68	12	1330.	1491.667	3800.	440.	1087487.879	1042.827	476.	597.5	1865.	3566.

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Annual Analysis for 1966 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	40	8.75	10.115	22.	2.	45.998	6.782	2.45	3.9	15.875	21.47
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	40 ##	12.5	19.238	110.	12.5	341.384	18.477	12.5	12.5	12.5	47.
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	40	5.	6.875	20.	0.	21.394	4.625	5.	5.	10.	15.
00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	40	10.25	9.37	12.7	4.3	5.523	2.35	5.44	7.575	11.2	11.9
00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	33	0.7	0.806	2.1	0.	0.275	0.524	0.24	0.4	1.15	1.64
00335	COD, .025N K2CR2O7 MG/L	11/10/58-01/28/69	24	14.	14.875	21.	11.	6.897	2.626	12.	13.	17.75	18.5
00400	PH (STANDARD UNITS)	10/06/58-06/03/69	40	7.9	7.977	8.7	7.5	0.107	0.327	7.6	7.7	8.25	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/06/58-06/03/69	40	7.9	7.877	8.7	7.5	0.117	0.342	7.6	7.7	8.25	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/58-06/03/69	40	0.013	0.013	0.032	0.002	0.	0.008	0.004	0.006	0.02	0.025
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	40	113.	114.425	131.	105.	43.994	6.633	107.1	110.	116.	124.9
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/13/58-06/03/69	38	175.5	176.553	209.	150.	145.119	12.047	159.8	169.5	184.5	190.2
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/28/61-06/03/69	40	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	40	132.	132.3	142.	123.	21.344	4.62	127.1	128.25	135.75	140.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	38	7.	6.789	8.	4.	0.495	0.704	6.	6.75	7.	7.1
00945	SULFATE, TOTAL (MG/L AS SO4)	02/07/61-06/03/69	40	30.5	31.	43.	21.	34.769	5.897	22.2	27.25	35.	40.9
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	44	50.	181.932	2000.	2.	153653.46	391.987	8.	24.25	100.	480.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/06/58-04/22/69	44	1.699	1.754	3.301	0.301	0.402	0.634	0.889	1.385	2.	2.68
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			56.781								
32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	12	1175.	1154.167	1300.	1000.	10262.879	101.306	1009.	1052.5	1232.5	1294.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	12	228.	228.167	272.	153.	1253.242	35.401	165.6	201.25	260.75	269.
32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	12	180.5	180.333	221.	115.	1154.061	33.971	123.4	150.5	215.	220.4
32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	12	47.	47.833	79.	30.	233.788	15.29	30.	33.5	55.	76.
60050	ALGAE, TOTAL (CELLS/ML)	10/03/61-10/08/68	5	2600.	2780.	6300.	800.	4637000.	2153.369	**	**	**	**
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	5	0.	0.	0.	0.	0.	0.	**	**	**	**
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	5	0.	684.	3220.	0.	2017280.	1420.31	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/03/61-10/08/68	5	170.	532.	1450.	90.	360520.	600.433	**	**	**	**
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/03/61-10/08/68	5	0.	14.	70.	0.	980.	31.305	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/61-10/08/68	5	70.	106.	310.	20.	14430.	120.125	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/03/61-10/08/68	5	0.	12.	40.	0.	320.	17.889	**	**	**	**
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/03/61-06/06/67	5	40.	45.	74.	24.	364.	19.079	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	10/03/61-10/08/68	5	310.	532.	1530.	130.	327020.	571.857	**	**	**	**
60600	DIATOMS, PENNATE (/ML)	10/03/61-10/08/68	5	880.	892.	1350.	420.	108870.	329.955	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1967 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	37	10.5	10.824	19.9	1.9	37.436	6.119	2.4	5.85	16.65	19.62
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	37 ##	12.5	15.122	51.	12.5	67.353	8.207	12.5	12.5	12.5	27.6
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	37	2.5	4.162	30.	0.	31.251	5.59	0.	0.	5.	10.
00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	37	10.6	10.2	14.1	6.1	6.004	2.45	6.56	7.75	12.3	13.3
00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	28	0.9	0.811	1.3	0.2	0.09	0.3	0.3	0.6	1.	1.2
00335	COD, .025N K2CR2O7 MG/L	11/10/58-01/28/69	30	15.5	17.5	48.	11.	69.845	8.357	12.	12.	18.25	33.1
00400	PH (STANDARD UNITS)	10/06/58-06/03/69	37	8.	8.032	8.5	7.7	0.038	0.196	7.8	7.9	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/06/58-06/03/69	37	8.	7.992	8.5	7.7	0.04	0.2	7.8	7.9	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/58-06/03/69	37	0.01	0.01	0.02	0.003	0.	0.004	0.005	0.006	0.013	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	37	112.	113.216	121.	107.	12.619	3.552	109.8	110.5	115.	119.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/13/58-06/03/69	35	177.	177.629	200.	158.	125.417	11.199	161.6	171.	185.	196.2
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/28/61-06/03/69	37	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	37	137.	137.054	147.	129.	23.053	4.801	129.8	133.5	140.5	144.2
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	36	6.	6.306	8.	6.	0.333	0.577	6.	6.	6.75	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/07/61-06/03/69	36	22.5	25.361	48.	19.	51.609	7.184	19.7	21.	27.75	38.9
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	42	145.	307.667	1400.	1.	139666.276	373.72	2.	24.5	505.	822.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/06/58-04/22/69	42	2.161	1.961	3.146	0.	0.786	0.887	0.301	1.386	2.703	2.915
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			91.326								
32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	12	1175.	1160.	1270.	1000.	9563.636	97.794	1000.	1062.5	1245.	1264.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	12	213.	215.5	354.	129.	3703.	60.852	135.6	176.5	246.25	332.1
32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	12	166.5	173.833	299.	97.	3016.515	54.923	105.1	134.25	197.75	281.9
32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	12	42.5	41.667	55.	27.	72.606	8.521	28.5	34.25	48.5	53.8
60050	ALGAE, TOTAL (CELLS/ML)	10/03/61-10/08/68	6	1850.	1700.	2900.	500.	908000.	952.89	**	**	**	**
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	6	0.	0.	0.	0.	0.	0.	**	**	**	**
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	6	0.	3.333	20.	0.	66.667	8.165	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/03/61-10/08/68	6	80.	103.333	240.	0.	9386.667	96.885	**	**	**	**
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/03/61-10/08/68	6	0.	11.667	40.	0.	336.667	18.348	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/61-10/08/68	6	0.	13.333	40.	0.	426.667	20.656	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/03/61-10/08/68	6	0.	3.333	20.	0.	66.667	8.165	**	**	**	**
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/03/61-06/06/67	2	23.	23.	23.	23.	0.	0.	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	10/03/61-10/08/68	6	210.	463.333	1490.	0.	310346.667	557.088	**	**	**	**
60600	DIATOMS, PENNATE (/ML)	10/03/61-10/08/68	6	1205.	1101.667	1910.	70.	459176.667	677.626	**	**	**	**

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Annual Analysis for 1968 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	24	6.85	6.712	13.3	1.7	16.112	4.014	1.7	2.475	10.625	12.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	24 ##	12.5	14.104	44.	4.	54.043	7.351	12.5	12.5	12.5	20.25
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	23	0.	1.522	10.	0.	7.806	2.794	0.	0.	5.	5.
00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	24	12.15	11.725	14.3	7.6	4.565	2.136	8.1	10.075	13.475	14.15
00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	18	0.8	0.767	1.3	0.2	0.088	0.297	0.29	0.575	0.925	1.3
00335	COD, .025N K2CR2O7 MG/L	11/10/58-01/28/69	8	20.	17.625	24.	2.	51.125	7.15	**	**	**	**
00400	PH (STANDARD UNITS)	10/06/58-06/03/69	24	8.	7.967	8.4	7.7	0.041	0.201	7.7	7.8	8.1	8.25
00400	CONVERTED PH (STANDARD UNITS)	10/06/58-06/03/69	24	8.	7.924	8.4	7.7	0.042	0.206	7.7	7.8	8.1	8.25
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/58-06/03/69	24	0.01	0.012	0.02	0.004	0.	0.005	0.006	0.008	0.016	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	24	115.	114.667	122.	106.	14.319	3.784	109.5	112.25	117.	120.5
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/13/58-06/03/69	19	172.	170.684	193.	147.	137.784	11.738	156.	161.	181.	182.
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/28/61-06/03/69	23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	24	133.	134.125	148.	123.	43.418	6.589	125.5	130.	138.5	144.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	24	6.	6.208	7.	5.	0.259	0.509	6.	6.	6.75	7.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/07/61-06/03/69	24	20.	20.792	29.	16.	8.607	2.934	17.5	19.	22.	25.5
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	31	62.	157.258	1100.	1.	71832.598	268.016	1.2	6.	180.	642.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/06/58-04/22/69	31	1.792	1.552	3.041	0.	0.83	0.911	0.06	0.778	2.255	2.775
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			35.624								
32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	8	1185.	1152.5	1310.	1000.	16878.571	129.918	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	11	270.	268.545	343.	128.	3455.473	58.783	149.8	240.	312.	340.8
32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	11	219.	218.	296.	53.	3915.	62.57	81.	203.	256.	290.
32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	11	47.	50.545	75.	35.	159.873	12.644	35.4	40.	59.	73.2
60050	ALGAE, TOTAL (CELLS/ML)	10/03/61-10/08/68	5	1700.	2140.	3800.	1200.	1013000.	1006.479	**	**	**	**
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	5	0.	0.	0.	0.	0.	0.	**	**	**	**
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	5	0.	0.	0.	0.	0.	0.	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/03/61-10/08/68	5	40.	142.	600.	0.	66420.	257.721	**	**	**	**
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/03/61-10/08/68	5	0.	4.	20.	0.	80.	8.944	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/61-10/08/68	5	0.	0.	0.	0.	0.	0.	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/03/61-10/08/68	5	0.	14.	70.	0.	980.	31.305	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	10/03/61-10/08/68	5	160.	134.	310.	0.	14780.	121.573	**	**	**	**
60600	DIATOMS, PENNATE (/ML)	10/03/61-10/08/68	5	1460.	1840.	3390.	1090.	891850.	944.378	**	**	**	**

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Annual Analysis for 1969 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	18	3.4	5.006	13.9	2.	13.371	3.657	2.	2.225	7.875	11.38
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	18	4.	7.278	43.	2.	91.389	9.56	2.	2.75	8.5	16.
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	6	0.	0.833	5.	0.	4.167	2.041	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	18	12.75	12.578	14.	9.6	1.539	1.241	10.23	12.225	13.475	14.
00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	14	0.9	1.1	4.	0.4	0.755	0.869	0.5	0.7	1.125	2.65
00335	COD, .025N K2CR2O7 MG/L	11/10/58-01/28/69	2	20.5	20.5	23.	18.	12.5	3.536	**	**	**	**
00400	PH (STANDARD UNITS)	10/06/58-06/03/69	18	7.9	7.883	8.1	7.5	0.027	0.165	7.59	7.8	8.	8.1
00400	CONVERTED PH (STANDARD UNITS)	10/06/58-06/03/69	18	7.9	7.851	8.1	7.5	0.028	0.169	7.59	7.8	8.	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/58-06/03/69	18	0.013	0.014	0.032	0.008	0.	0.006	0.008	0.01	0.016	0.026
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	18	110.	109.944	118.	100.	14.879	3.857	104.5	109.5	111.5	115.3
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/13/58-06/03/69	16	175.	174.375	188.	142.	123.45	11.111	155.3	170.25	181.75	186.6
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/28/61-06/03/69	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	18	143.	142.389	150.	134.	15.781	3.973	135.8	140.	145.	148.2
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	18	6.	5.944	7.	5.	0.173	0.416	5.	6.	6.	6.1
00945	SULFATE, TOTAL (MG/L AS SO4)	02/07/61-06/03/69	16	22.	21.375	24.	19.	2.117	1.455	19.	20.	22.	23.3
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	5	190.	1124.2	5100.	1.	4953168.2	2225.571	**	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/06/58-04/22/69	5	2.279	2.01	3.708	0.	1.841	1.357	**	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			102.366								
32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	2	5374.5	5374.5	6964.	3785.	5053020.5	2247.892	**	**	**	**
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	6	285.	292.	379.	205.	4334.8	65.839	**	**	**	**
32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	6	218.5	233.	301.	165.	3182.8	56.416	**	**	**	**
32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	6	61.5	59.	78.	40.	294.4	17.158	**	**	**	**

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Seasonal Analysis for Season #1: 9/16 to 1/15 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	150	10.2	9.949	20.1	1.4	28.272	5.317	2.31	4.9	14.05	17.29
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	150	12.5	13.807	110.	1.	160.023	12.65	4.	9.	12.5	25.6
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	147	5.	6.218	25.	0.	27.966	5.288	0.	5.	10.	15.
00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	139	10.1	10.357	14.4	6.1	4.018	2.005	7.9	8.8	12.	13.6
00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	123	0.8	0.894	3.2	0.	0.379	0.615	0.3	0.5	1.1	1.6
00335	COD, .025N K2CR2O7 MG/L	11/10/58-01/28/69	98	15.	16.494	52.	2.	61.039	7.813	8.	12.75	19.	24.2
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	11/03/58-11/16/65	91	0.9	0.997	2.9	0.4	0.215	0.464	0.5	0.7	1.2	1.5
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	11/03/58-11/16/65	80	2.5	2.611	5.1	0.	0.526	0.725	1.71	2.2	3.2	3.4
00400	PH (STANDARD UNITS)	10/06/58-06/03/69	150	8.	8.011	8.5	7.6	0.039	0.197	7.7	7.9	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/06/58-06/03/69	150	8.	7.967	8.5	7.6	0.041	0.202	7.7	7.9	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/58-06/03/69	150	0.01	0.011	0.025	0.003	0.	0.005	0.005	0.006	0.013	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	150	114.	114.807	130.	106.	28.305	5.32	109.	111.	117.25	123.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/13/58-06/03/69	118	166.	165.568	209.	108.	200.846	14.172	149.8	156.	175.	184.
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/28/61-06/03/69	104	0.	0.006	0.3	0.	0.001	0.034	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	150	132.	133.58	153.	123.	31.171	5.583	128.	130.	137.	141.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	135	7.	7.067	11.	5.	1.376	1.173	6.	6.	8.	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/07/61-06/03/69	113	25.	25.584	45.	16.	26.084	5.107	19.4	22.	29.	32.
01501	ALPHA, TOTAL	10/27/58-05/11/65	22	0.	0.5	3.	0.	0.738	0.859	0.	0.	1.	2.
01502	ALPHA, TOTAL, COUNTING ERROR	10/27/58-05/11/65	14	1.	0.786	1.	0.	0.181	0.426	0.	0.75	1.	1.
01503	ALPHA, DISSOLVED	10/27/58-05/11/65	22	0.	0.409	3.	0.	0.634	0.796	0.	0.	1.	1.7
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/27/58-05/11/65	14	1.	0.714	1.	0.	0.22	0.469	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	10/27/58-05/11/65	22	0.	0.091	1.	0.	0.087	0.294	0.	0.	0.	0.7
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/27/58-05/11/65	14	0.5	0.5	1.	0.	0.269	0.519	0.	0.	1.	1.
03501	BETA, TOTAL	10/06/58-05/11/65	55	9.	12.055	45.	0.	121.423	11.019	0.	4.	17.	30.8
03502	BETA, TOTAL, COUNTING ERROR	10/06/58-05/11/65	38	9.	8.263	11.	0.	7.388	2.718	3.9	7.	10.	10.
03503	BETA, DISSOLVED	10/06/58-05/11/65	55	8.	8.727	45.	0.	76.313	8.736	0.	2.	12.	15.
03504	BETA, DISSOLVED, COUNTING ERROR	10/06/58-05/11/65	38	7.	7.132	10.	0.	7.523	2.743	3.	5.	10.	10.
03505	BETA, SUSPENDED	10/06/58-05/11/65	55	2.	3.327	25.	0.	26.854	5.182	0.	0.	4.	10.4
03506	BETA, SUSPENDED, COUNTING ERROR	10/06/58-05/11/65	38	5.	4.921	10.	0.	11.858	3.444	0.	1.75	7.	10.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	157	110.	381.159	5500.	1.	531084.417	728.755	10.8	41.	430.	1020.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/06/58-04/22/69	157	2.041	2.042	3.74	0.	0.617	0.786	1.033	1.613	2.633	3.008
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			110.25								
32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	41	5000.	4066.195	15230.	1000.	7856080.161	2802.87	1028.	1255.	5140.	5460.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	45	159.	192.	380.	95.	6597.409	81.224	114.8	125.5	245.5	340.8
32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	45	124.	153.2	316.	67.	4943.709	70.312	87.	94.5	210.5	276.8
32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	45	35.	38.8	78.	17.	182.527	13.51	24.2	30.	46.	62.2
60050	ALGAE, TOTAL (CELLS/ML)	10/03/61-10/08/68	35	1300.	1482.857	4300.	300.	843226.891	918.274	600.	900.	1800.	2940.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	35	0.	12.	60.	0.	351.765	18.755	0.	0.	20.	44.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	35	0.	12.571	200.	0.	1619.664	40.245	0.	0.	0.	32.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/03/61-10/08/68	35	60.	127.429	1450.	0.	60749.076	246.473	16.	20.	150.	272.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/03/61-10/08/68	34	0.	2.353	40.	0.	67.023	8.187	0.	0.	0.	10.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/61-10/08/68	35	0.	17.429	120.	0.	943.193	30.711	0.	0.	20.	78.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/03/61-10/08/68	35	0.	12.	190.	0.	1163.529	34.111	0.	0.	10.	40.
60400	DIATOMS, CENTRIC (/ML)	10/03/61-10/08/68	35	240.	277.714	1200.	0.	48935.798	221.214	74.	140.	370.	548.
60600	DIATOMS, PENNATE (/ML)	10/03/61-10/08/68	35	900.	1021.429	3480.	250.	485624.37	696.868	406.	540.	1330.	1804.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	68	2.2	2.343	3.8	1.4	0.409	0.64	1.6	1.8	2.8	3.41
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	69	12.5	14.877	60.	2.	123.334	11.106	4.	9.	14.	33.
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	61	5.	7.623	30.	0.	44.672	6.684	0.	5.	10.	15.
00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	67	13.8	13.481	14.9	9.4	1.233	1.11	11.78	13.1	14.3	14.5
00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	54	0.7	0.874	4.	0.1	0.386	0.621	0.35	0.5	1.125	1.3
00335	COD, .025N K2CR2O7 MG/L	11/10/58-01/28/69	54	17.5	18.333	36.	10.	33.623	5.799	13.	13.	22.	26.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	11/03/58-11/16/65	39	1.2	1.428	3.9	0.5	0.703	0.838	0.6	0.9	1.6	2.9
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	11/03/58-11/16/65	38	2.95	3.116	5.1	1.4	0.952	0.976	2.09	2.3	3.75	4.63
00400	PH (STANDARD UNITS)	10/06/58-06/03/69	68	8.1	8.062	8.5	7.5	0.045	0.213	7.8	7.925	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/06/58-06/03/69	68	8.1	8.011	8.5	7.5	0.048	0.219	7.8	7.925	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/58-06/03/69	68	0.008	0.01	0.032	0.003	0.	0.005	0.004	0.006	0.012	0.016
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	69	119.	119.449	138.	105.	75.075	8.665	110.	111.5	124.5	134.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/13/58-06/03/69	63	174.	173.46	199.	152.	130.801	11.437	158.	164.	181.	187.2
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/28/61-06/03/69	54	0.	0.007	0.2	0.	0.001	0.033	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	69	144.	143.652	159.	126.	45.818	6.769	135.	140.	148.	151.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	66	7.	7.258	12.	5.	2.81	1.676	6.	6.	8.	10.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/07/61-06/03/69	66	27.5	28.53	48.	5.	65.238	8.077	20.	22.	35.	40.3
01501	ALPHA, TOTAL	10/27/58-05/11/65	11	0.	0.182	1.	0.	0.164	0.405	0.	0.	0.	1.
01502	ALPHA, TOTAL, COUNTING ERROR	10/27/58-05/11/65	8	1.	0.75	1.	0.	0.214	0.463	**	**	**	**
01503	ALPHA, DISSOLVED	10/27/58-05/11/65	11	0.	0.091	1.	0.	0.091	0.302	0.	0.	0.	0.8
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/27/58-05/11/65	8	1.	0.625	1.	0.	0.268	0.518	**	**	**	**
01505	ALPHA, SUSPENDED	10/27/58-05/11/65	11	0.	0.091	1.	0.	0.091	0.302	0.	0.	0.	0.8
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/27/58-05/11/65	8	0.	0.375	1.	0.	0.268	0.518	**	**	**	**
03501	BETA, TOTAL	10/06/58-05/11/65	24	14.5	12.875	32.	0.	90.462	9.511	0.	4.5	20.75	26.5
03502	BETA, TOTAL, COUNTING ERROR	10/06/58-05/11/65	19	9.	7.789	10.	3.	5.842	2.417	3.	6.	10.	10.
03503	BETA, DISSOLVED	10/06/58-05/11/65	24	8.5	8.083	16.	0.	30.341	5.508	0.	2.25	13.	15.
03504	BETA, DISSOLVED, COUNTING ERROR	10/06/58-05/11/65	19	7.	6.842	10.	2.	7.251	2.693	2.	5.	10.	10.
03505	BETA, SUSPENDED	10/06/58-05/11/65	24	4.	4.792	19.	0.	27.216	5.217	0.	0.	6.	14.5
03506	BETA, SUSPENDED, COUNTING ERROR	10/06/58-05/11/65	19	6.	6.158	10.	2.	8.585	2.93	2.	4.	10.	10.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	79	44.	318.139	7000.	1.	933146.327	965.995	2.	10.	220.	620.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/06/58-04/22/69	79	1.643	1.643	3.845	0.	0.875	0.936	0.301	1.	2.342	2.792
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			43.982								
32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	21	1400.	3607.524	15820.	1030.	11773196.262	3431.209	1066.	1206.5	5210.	5442.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	21	155.	186.095	309.	89.	4783.79	69.165	99.2	130.	248.5	286.
32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	21	124.	143.762	252.	68.	3472.89	58.931	72.6	94.5	192.5	223.
32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	21	39.	42.333	96.	21.	255.133	15.973	24.6	34.5	48.	58.6
60050	ALGAE, TOTAL (CELLS/ML)	10/03/61-10/08/68	14	1600.	2350.	6300.	900.	3078076.923	1754.445	950.	1075.	3100.	5900.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	14	0.	2.857	20.	0.	52.747	7.263	0.	0.	0.	20.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	14	0.	16.429	80.	0.	701.648	26.489	0.	0.	20.	75.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/03/61-10/08/68	14	20.	58.571	200.	0.	4936.264	70.259	0.	0.	132.5	180.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/03/61-10/08/68	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/61-10/08/68	14	0.	57.143	300.	0.	9852.747	99.261	0.	0.	82.5	275.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/03/61-10/08/68	14	10.	26.429	140.	0.	1655.495	40.688	0.	0.	42.5	110.
60400	DIATOMS, CENTRIC (/ML)	10/03/61-10/08/68	14	800.	949.286	2240.	230.	480699.451	693.325	275.	355.	1732.5	2110.
60600	DIATOMS, PENNATE (/ML)	10/03/61-10/08/68	14	730.	1230.714	3800.	150.	1348237.912	1161.136	295.	600.	1495.	3590.

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Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	132	9.6	10.136	21.6	1.9	23.115	4.808	4.06	6.1	13.7	17.24
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	132	12.5	12.489	53.	1.	73.799	8.591	4.	8.	12.5	21.4
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	130	5.	6.692	40.	0.	46.92	6.85	0.	2.5	10.	15.
00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	125	11.1	11.049	15.6	5.3	3.818	1.954	8.26	9.85	12.6	13.44
00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	111	1.	1.15	7.	0.1	0.934	0.966	0.4	0.7	1.3	1.98
00335	COD, .025N K2CR2O7 MG/L	11/10/58-01/28/69	102	16.	18.843	57.	4.8	150.083	12.251	11.	13.	18.	33.9
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	11/03/58-11/16/65	86	0.8	0.91	2.8	0.4	0.146	0.382	0.5	0.675	1.1	1.3
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	11/03/58-11/16/65	81	2.8	2.879	5.6	1.5	0.488	0.699	2.2	2.4	3.2	3.68
00400	PH (STANDARD UNITS)	10/06/58-06/03/69	132	8.1	8.109	8.7	7.5	0.041	0.203	7.9	8.	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	10/06/58-06/03/69	132	8.1	8.063	8.7	7.5	0.043	0.208	7.9	8.	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/58-06/03/69	132	0.008	0.009	0.032	0.002	0.	0.004	0.004	0.006	0.01	0.013
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	132	115.	115.591	139.	100.	43.068	6.563	109.	112.	118.	124.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/13/58-06/03/69	118	165.5	165.542	198.	127.	137.037	11.706	151.	157.	172.	181.1
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/28/61-06/03/69	100	0.	0.005	0.2	0.	0.001	0.026	0.	0.	0.	0.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	132	136.	136.841	160.	121.	44.959	6.705	128.	131.25	140.	146.
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	124	7.	7.161	10.	4.	1.714	1.309	6.	6.	8.	9.5
00945	SULFATE, TOTAL (MG/L AS SO4)	02/07/61-06/03/69	107	24.	25.785	45.	16.	36.189	6.016	19.	22.	29.	34.
01501	ALPHA, TOTAL	10/27/58-05/11/65	21	0.	0.762	12.	0.	6.79	2.606	0.	0.	0.5	1.
01502	ALPHA, TOTAL, COUNTING ERROR	10/27/58-05/11/65	15	1.	0.6	1.	0.	0.257	0.507	0.	0.	1.	1.
01503	ALPHA, DISSOLVED	10/27/58-05/11/65	21	0.	0.667	12.	0.	6.833	2.614	0.	0.	0.	1.
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/27/58-05/11/65	15	0.	0.467	1.	0.	0.267	0.516	0.	0.	1.	1.
01505	ALPHA, SUSPENDED	10/27/58-05/11/65	21	0.	0.095	1.	0.	0.09	0.301	0.	0.	0.	0.8
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/27/58-05/11/65	15	0.	0.267	1.	0.	0.21	0.458	0.	0.	1.	1.
03501	BETA, TOTAL	10/06/58-05/11/65	47	13.	21.915	109.	0.	641.08	25.32	0.	5.	27.	65.8
03502	BETA, TOTAL, COUNTING ERROR	10/06/58-05/11/65	40	8.5	6.4	15.	0.	17.374	4.168	0.	1.75	9.	10.
03503	BETA, DISSOLVED	10/06/58-05/11/65	47	9.	13.979	108.	0.	356.021	18.869	0.	4.	16.	31.8
03504	BETA, DISSOLVED, COUNTING ERROR	10/06/58-05/11/65	40	6.5	5.2	10.	0.	12.113	3.48	0.	1.5	7.	10.
03505	BETA, SUSPENDED	10/06/58-05/11/65	47	3.	7.745	48.	0.	123.107	11.095	0.	0.	10.	22.4
03506	BETA, SUSPENDED, COUNTING ERROR	10/06/58-05/11/65	40	5.	4.35	13.	0.	12.233	3.498	0.	0.25	6.	10.
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	134	67.	412.269	12000.	1.	1762877.912	1327.734	2.	14.75	210.	670.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/06/58-04/22/69	134	1.826	1.77	4.079	0.	0.788	0.888	0.301	1.169	2.321	2.826
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			58.93								
32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	40	4800.	3802.375	15200.	1020.	10489932.087	3238.816	1081.8	1211.25	5027.5	5324.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	43	157.	182.907	352.	91.	5484.229	74.056	103.	117.	244.	294.4
32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	43	115.	136.023	300.	52.	4306.595	65.625	66.6	80.	195.	229.
32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	43	45.	46.884	79.	28.	190.915	13.817	30.8	37.	56.	71.
60050	ALGAE, TOTAL (CELLS/ML)	10/03/61-10/08/68	31	2400.	3058.065	11900.	300.	5587849.462	2363.863	1120.	1500.	4100.	6120.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	31	0.	3.548	110.	0.	390.323	19.757	0.	0.	0.	0.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	31	0.	120.	3220.	0.	332420.	576.559	0.	0.	20.	84.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/03/61-10/08/68	31	40.	112.258	840.	0.	35698.065	188.939	0.	0.	110.	368.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/03/61-10/08/68	31	0.	6.129	70.	0.	257.849	16.058	0.	0.	0.	36.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/61-10/08/68	31	0.	44.194	390.	0.	7911.828	88.948	0.	0.	60.	128.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/03/61-10/08/68	31	0.	47.742	500.	0.	10204.731	101.018	0.	0.	40.	164.
60400	DIATOMS, CENTRIC (/ML)	10/03/61-10/08/68	31	650.	1263.226	9660.	30.	3557875.914	1886.233	46.	270.	1490.	3630.
60600	DIATOMS, PENNATE (/ML)	10/03/61-10/08/68	31	1200.	1453.226	3710.	180.	865542.581	930.345	468.	830.	1880.	3306.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/58-06/03/69	55	19.8	18.536	22.6	11.8	11.953	3.457	12.86	15.1	21.3	21.88
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/06/58-06/03/69	55	7.	7.1	15.	0.	22.763	4.771	1.	3.	12.5	12.5
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/58-06/03/69	55	5.	4.091	10.	0.	8.88	2.98	0.	0.	5.	10.
00300	OXYGEN, DISSOLVED MG/L	11/03/58-06/03/69	49	7.5	7.28	9.6	4.3	1.144	1.069	5.8	6.7	7.8	8.8
00310	BOD, 5 DAY, 20 DEG C MG/L	11/03/58-06/03/69	41	0.7	0.817	2.1	0.1	0.243	0.493	0.3	0.4	1.1	1.6
00335	COD, .025N K2CR2O7 MG/L	11/10/58-01/28/69	39	14.	15.038	52.	2.8	50.618	7.115	11.	12.	16.	19.
00370	CHLORINE DEMAND, 1 HOUR (MG/L)	11/03/58-11/16/65	36	0.85	0.889	1.5	0.1	0.083	0.288	0.54	0.725	1.15	1.23
00380	CHLORINE DEMAND, 24 HOUR (MG/L)	11/03/58-11/16/65	34	2.5	2.574	3.8	1.1	0.29	0.538	2.05	2.2	2.95	3.3
00400	PH (STANDARD UNITS)	10/06/58-06/03/69	55	8.	8.016	8.4	7.5	0.053	0.229	7.66	7.8	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/06/58-06/03/69	55	8.	7.954	8.4	7.5	0.056	0.238	7.66	7.8	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/58-06/03/69	55	0.01	0.011	0.032	0.004	0.	0.006	0.005	0.006	0.016	0.022
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	55	113.	113.982	126.	103.	29.24	5.407	107.2	111.	116.	123.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/13/58-06/03/69	45	168.	169.533	205.	144.	192.891	13.889	150.6	161.5	176.	189.4
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	02/28/61-06/03/69	42	0.	0.012	0.2	0.	0.002	0.04	0.	0.	0.	0.07
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/06/58-06/03/69	55	132.	134.236	148.	123.	35.443	5.953	127.6	130.	137.	144.4
00940	CHLORIDE,TOTAL IN WATER MG/L	11/10/58-06/03/69	49	7.	7.184	11.	4.	2.361	1.537	6.	6.	8.	10.
00945	SULFATE, TOTAL (MG/L AS SO4)	02/07/61-06/03/69	41	24.	24.537	33.	16.	17.905	4.231	19.2	22.	27.	32.
01501	ALPHA, TOTAL	10/27/58-05/11/65	11	0.	0.455	4.	0.	1.473	1.214	0.	0.	0.	3.4

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Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01502	ALPHA, TOTAL, COUNTING ERROR	10/27/58-05/11/65	6	1.	1.	2.	0.	0.4	0.632	**	**	**	**
01503	ALPHA, DISSOLVED	10/27/58-05/11/65	11	0.	0.273	3.	0.	0.818	0.905	0.	0.	0.	2.4
01504	ALPHA, DISSOLVED, COUNTING ERROR	10/27/58-05/11/65	6	1.	1.	2.	0.	0.4	0.632	**	**	**	**
01505	ALPHA, SUSPENDED	10/27/58-05/11/65	11	0.	0.182	1.	0.	0.164	0.405	0.	0.	0.	1.
01506	ALPHA, SUSPENDED, COUNTING ERROR	10/27/58-05/11/65	6	0.	0.333	1.	0.	0.267	0.516	**	**	**	**
03501	BETA, TOTAL	10/06/58-05/11/65	25	6.	11.52	88.	0.	334.76	18.296	0.	1.	15.5	30.
03502	BETA, TOTAL, COUNTING ERROR	10/06/58-05/11/65	17	9.	6.176	11.	0.	22.779	4.773	0.	0.	9.5	11.
03503	BETA, DISSOLVED	10/06/58-05/11/65	25	4.	9.08	55.	0.	160.743	12.678	0.	0.5	13.	28.8
03504	BETA, DISSOLVED, COUNTING ERROR	10/06/58-05/11/65	17	7.	4.706	9.	0.	13.346	3.653	0.	0.	7.5	8.2
03505	BETA, SUSPENDED	10/06/58-05/11/65	25	0.	2.44	33.	0.	43.007	6.558	0.	0.	3.	4.2
03506	BETA, SUSPENDED, COUNTING ERROR	10/06/58-05/11/65	17	5.	3.882	9.	0.	9.735	3.12	0.	0.	6.	7.4
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	10/06/58-04/22/69	70	90.5	249.429	1800.	1.	150912.335	388.474	20.	40.	280.	736.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	10/06/58-04/22/69	70	1.956	2.004	3.255	0.	0.375	0.612	1.301	1.602	2.447	2.867
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			100.864								
32001	SAMPLE SIZE (GALLONS)	10/06/58-11/11/69	22	4910.	4236.045	15490.	1000.	16668732.617	4082.736	1000.	1167.5	5200.	12233.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	10/06/58-11/11/69	24	143.	197.042	436.	71.	9467.781	97.303	110.	122.25	258.5	343.5
32004	CARBON ALCOHOL EXTRACTABLES	10/06/58-11/11/69	24	106.5	151.042	390.	34.	8155.346	90.307	67.	84.25	204.25	292.
32005	CARBON CHLOROFORM EXTRACTABLES	10/06/58-11/11/69	24	41.	46.	78.	20.	238.957	15.458	31.	36.	51.25	76.
60050	ALGAE, TOTAL (CELLS/ML)	10/03/61-10/08/68	22	750.	1031.818	3400.	300.	550844.156	742.189	400.	500.	1225.	2240.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	22	0.	2.727	40.	0.	87.446	9.351	0.	0.	0.	14.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/03/61-10/08/68	22	0.	5.	70.	0.	245.238	15.66	0.	0.	0.	20.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/03/61-10/08/68	22	95.	100.909	250.	0.	5856.277	76.526	0.	35.	140.	237.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/03/61-10/08/68	22	0.	3.182	30.	0.	70.346	8.387	0.	0.	0.	20.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/03/61-10/08/68	22	20.	39.091	210.	0.	2875.325	53.622	0.	0.	67.5	107.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/03/61-10/08/68	22	0.	18.182	150.	0.	1282.251	35.809	0.	0.	20.	67.
60400	DIATOMS, CENTRIC (/ML)	10/03/61-10/08/68	22	120.	200.909	2280.	0.	221856.277	471.016	0.	35.	162.5	278.
60600	DIATOMS, PENNATE (/ML)	10/03/61-10/08/68	22	580.	659.545	2060.	70.	254366.45	504.348	198.	320.	782.5	1697.

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Station Inventory for Station: INDU0299

NPS Station ID: INDU0299
LAT/LON: 41.609726/ -87.343337
Agency: 112WRD
Date Created: 06/22/85
Location: US.STEEL OUTFALL #10 @ GARY,IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413635087203600
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 9.290
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 10.11
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0299

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0300

NPS Station ID: INDU0300
LAT/LON: 41.610003/ -87.343337
Agency: 112WRD
Date Created: 06/22/85
Location: US.STEEL OUTFALL #10A @ GARY,IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413636087203600
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 9.290
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 15.42
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0300

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0301

NPS Station ID: INDU0301
LAT/LON: 41.610003/ -87.345838
Agency: 112WRD
Date Created: 06/22/85
Location: US.STEEL OUTFALL #11 @ GARY,IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413636087204500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 9.390
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 15.42
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0301

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0302

NPS Station ID: INDU0302
LAT/LON: 41.636670/ -87.346671
Agency: 1115G050
Date Created: / /
Location: LAKE MICHIGAN OPEN WATER
FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): LM011
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 36
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 11.30
On/Off RF1:
RF3 Index: 04040001000300.05
RF3 Mile Point: 9.57
Distance from RF3: 0.73
On/Off RF3:
Description:
OPEN WATER LAKE MICHIGAN STATION SAMPLED DURING THE GLIRBP STUDY OF THE LAKE 1962-1964 LAT. 41D-38M-12.0S LONG. 087D-20M-48.0S

Parameter Inventory for Station: INDU0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/63-09/18/63	10	20.	20.1	21.	19.	0.322	0.568	19.1	20.	20.25	21.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	08/22/63-09/18/63	10	1.95	2.26	3.8	1.8	0.447	0.669	1.8	1.8	2.625	3.72
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/63-09/18/63	8	265.	264.	277.	240.	133.714	11.563	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/22/63-09/18/63	10	8.8	8.84	9.4	8.4	0.098	0.313	8.41	8.575	9.125	9.38
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/22/63-09/18/63	10	96.35	97.09	103.3	92.3	18.225	4.269	92.32	92.575	102.075	103.29
00310	BOD, 5 DAY, 20 DEG C MG/L	08/22/63-09/18/63	5	1.2	1.16	1.9	0.5	0.268	0.518	**	**	**	**
00400	PH (STANDARD UNITS)	08/22/63-09/18/63	8	8.4	8.275	8.5	7.6	0.088	0.296	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/22/63-09/18/63	8	8.4	8.155	8.5	7.6	0.104	0.323	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/63-09/18/63	8	0.004	0.007	0.025	0.003	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/63-09/18/63	9	104.	102.778	117.	95.	47.444	6.888	95.	96.	105.5	117.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/22/63-09/18/63	5	175.	175.	180.	170.	12.5	3.536	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	10/22/63-12/08/63	5	2.4	2.82	5.6	0.8	3.372	1.836	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/22/63-12/08/63	14	0.165	0.142	0.25	0.02	0.006	0.08	0.025	0.045	0.2	0.25
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/22/63-11/24/63	7	0.13	0.104	0.15	0.02	0.002	0.05	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/22/63-09/18/63	4	0.01	0.013	0.02	0.01	0.	0.005	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/63-09/18/63	9	36.	35.556	37.	34.	1.778	1.333	34.	34.	37.	37.
00920	MAGNESIUM (MG/L AS CACO3)	08/22/63-09/18/63	9	4.6	4.444	4.8	3.8	0.128	0.357	3.8	4.2	4.8	4.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/63-09/18/63	9	13.	13.444	14.	13.	0.278	0.527	13.	13.	14.	14.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/63-09/18/63	9	1.2	2.678	9.5	0.1	11.434	3.381	0.1	1.05	4.45	9.5
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/63-09/18/63	9	8.	7.889	9.	7.	0.361	0.601	7.	7.5	8.	9.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/63-09/18/63	9	24.	24.111	28.	21.	4.611	2.147	21.	22.5	25.	28.
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/63-09/18/63	9	1.3	1.322	1.7	0.9	0.069	0.264	0.9	1.1	1.55	1.7
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/22/63-09/05/63	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/22/63-09/05/63	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/22/63-09/05/63	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/22/63-09/05/63	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/22/63-09/05/63	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/22/63-09/05/63	2	0.	0.	0.	0.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	08/22/63-12/08/63	14	0.8	0.986	3.	0.	0.869	0.932	0.	0.	2.	2.5
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/22/63-09/18/63	9	0.06	0.058	0.08	0.04	0.	0.012	0.04	0.05	0.065	0.08

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0302

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	10	0	0.00	2	0	0.00							8	0	0.00
00400	PH	Other-Hi Lim.	9.	8	0	0.00	2	0	0.00							6	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	2	0	0.00							6	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	3	0	0.00							4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	2	0	0.00							7	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	9	0	0.00	2	0	0.00							7	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00										2	0	0.00
		Drinking Water	5.	2	0	0.00										2	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00										2	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00										2	0	0.00
		Drinking Water	1300.	2	0	0.00										2	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00										2	0	0.00
		Drinking Water	5.	2	0	0.00										2	0	0.00
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00										2	0	0.00
		Drinking Water	100.	2	0	0.00										2	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00										2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0303

NPS Station ID: INDU0303
LAT/LON: 41.609170/ -87.348337
Agency: 21INDN
Date Created: / /
Location: U.S. STEEL GARY WORKS GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313914
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 9.390
Distance from RF1: 1.20
On/Off RF1: ON
RF3 Index: 04040001000400.00
RF3 Mile Point: 7.89
Distance from RF3: 0.04
On/Off RF3:
Description:
OUTFALL GW13 032

Parameter Inventory for Station: INDU0303

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/72-03/27/73	56	14.	14.714	26.	5.	35.481	5.957	7.7	10.	20.	24.
00056	FLOW, RATE GALLONS/DAY	01/04/72-03/27/73	56	2100000.	2169642.857	3500000.	1200000.31451	6233766.234	560817.469	1500000.	1900000.	2300000.	3000000.
00400	PH (STANDARD UNITS)	01/04/72-03/27/73	56	7.3	7.286	8.2	5.6	0.258	0.508	6.57	7.	7.7	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/04/72-03/27/73	56	7.3	6.896	8.2	5.6	0.413	0.642	6.57	7.	7.7	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/72-03/27/73	56	0.05	0.127	2.512	0.006	0.115	0.34	0.013	0.02	0.1	0.271
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/72-03/27/73	56	19.	21.875	65.	4.	194.475	13.945	7.7	10.25	27.25	46.6
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/04/72-03/27/73	56	1.	1.857	9.	0.	3.797	1.949	0.	1.	3.	5.
74010	IRON, TOTAL (MG/L AS FE)	01/04/72-03/27/73	56	3.4	4.184	12.6	0.5	9.041	3.007	0.91	1.7	6.	8.89
85002	SOLIDS, SUSPENDED - (#/DAY)	01/04/72-03/27/73	56	300.	393.321	1570.	63.	81321.349	285.169	141.9	185.25	520.	796.5
85012	IRON, TOTAL - (#/DAY)	01/04/72-03/27/73	56	59.5	79.196	368.	8.	5761.833	75.907	15.8	29.25	94.5	188.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0303

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	56	0	0.00	18	0	0.00	14	0	0.00	18	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	56	5	0.09	18	2	0.11	14	2	0.14	18	1	0.06	6	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0304

NPS Station ID: INDU0304
LAT/LON: 41.608892/ -87.348615
Agency: 112WRD
Date Created: 06/22/85
Location: US.STEEL OUTFALL #12 @ GARY,IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413632087205500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 9.390
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 16.19
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0304

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0305

NPS Station ID: INDU0305 | LAT/LON: 41.600004/ -87.350003 | Agency: 12PURDUE | Date Created: 05/19/78
Location: INDIANA TOLL ROAD BRIDGE B | FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 008EFC
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 04040001 | Depth of Water: 3276 | Aquifer:
Major Basin: LAKE MICHIGAN | Elevation: 0 | Water Body Id:
Minor Basin: GALIEN | ECO Region:
RF1 Index: 04040001010 | RF1 Mile Point: 11.170 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 04040001021000.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.34 | On/Off RF3:
Description:
DATA FR PURDUE UNIV, ENV FLOW OF CADMIUM + OTHER TRALE METALS SAMPLES AT HIGH AND LOW FLOW CONDITIONS, 6/30/73 AND 7/1/73 RESPECTIVELY
SAMPLE DATES ASSIGNED ARBITRARILY TO DISTINGUISH, ALL SAMPLING WAS CARRIED OUT IN JUNE OR JULY OF 73, EXACT DATES UNKNOWN

Parameter Inventory for Station: INDU0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/11/73-07/28/73	4	0.25	0.256	0.5	0.025	0.053	0.229	**	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS CD)	06/11/73-07/28/73	4 ##	0.113	0.138	0.3	0.025	0.019	0.136	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	07/28/73-07/28/73	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/11/73-07/28/73	4 ##	0.025	0.769	3.	0.025	2.213	1.488	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	06/11/73-07/28/73	4	37.5	38.	47.	30.	50.	7.071	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/11/73-07/28/73	4	31.	31.25	39.	24.	61.583	7.848	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	06/11/73-07/28/73	4	85.	86.	100.	74.	180.667	13.441	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0305

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00							2	0	0.00	2	0	0.00
		Drinking Water	5.	4	0	0.00							2	0	0.00	2	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	4	0	0.00							2	0	0.00	2	0	0.00
		Drinking Water	5.	4	0	0.00							2	0	0.00	2	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00							2	0	0.00	2	0	0.00
		Drinking Water	5.	4	0	0.00							2	0	0.00	2	0	0.00
01050	LEAD, SUSPENDED	Fresh Acute	82.	4	0	0.00							2	0	0.00	2	0	0.00
		Drinking Water	5.	4	4	1.00							2	2	1.00	2	2	1.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00							2	0	0.00	2	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	4	0	0.00							2	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0306

NPS Station ID: INDU0306
LAT/LON: 41.626948/ -87.350560
Agency: 21INDN
Date Created: / /
Location: U.S. STEEL GARY WORKS GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313919
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 9.840
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001000300.05
RF3 Mile Point: 10.98
Distance from RF3: 0.08
On/Off RF3:
Description:
OUTFALL STL5 037

Parameter Inventory for Station: INDU0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/72-03/24/73	56	15.	16.	28.	6.	38.473	6.203	8.7	10.	21.75	25.
00056	FLOW, RATE GALLONS/DAY	01/01/72-03/24/73	56	6000000.	6312500.	10700000.	3700000.	**********	2052675.637	3900000.	4700000.	7700000.	10200000.
00400	PH (STANDARD UNITS)	01/01/72-03/24/73	56	8.	7.893	8.9	7.	0.138	0.372	7.3	7.7	8.1	8.23
00400	CONVERTED PH (STANDARD UNITS)	01/01/72-03/24/73	56	8.	7.721	8.9	7.	0.169	0.411	7.3	7.7	8.1	8.23
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/72-03/24/73	56	0.01	0.019	0.1	0.001	0.	0.021	0.006	0.008	0.02	0.05
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/72-03/24/73	56	13.5	23.339	292.	2.	1558.81	39.482	6.	10.	22.25	42.
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/01/72-03/24/73	56	1.	2.089	8.	0.	4.083	2.021	0.	1.	3.	5.3
74010	IRON, TOTAL (MG/L AS FE)	01/01/72-03/24/73	56	1.95	2.748	8.2	0.1	5.198	2.28	0.5	0.925	4.5	6.42
85002	SOLIDS, SUSPENDED - (#/DAY)	01/01/72-03/24/73	56	685.5	1309.661	24800.	117.	10571452.919	3251.377	285.2	440.75	1340.	1920.
85012	IRON, TOTAL - (#/DAY)	01/01/72-03/24/73	56	97.	132.643	434.	4.	10991.252	104.839	28.1	47.25	198.75	306.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0306

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	56	0	0.00	17	0	0.00	15	0	0.00	16	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	56	0	0.00	17	0	0.00	15	0	0.00	16	0	0.00	8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0307

NPS Station ID: INDU0307
LAT/LON: 41.531948/ -87.351392
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR08W33 NWSW SG
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413155087210501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 07120003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 07120003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 07120003016200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0307

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/12/59-10/12/59	1	13.8	13.8	13.8	13.8	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/59-10/12/59	1	308.	308.	308.	308.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/12/59-10/12/59	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/12/59-10/12/59	1	236.	236.	236.	236.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/12/59-10/12/59	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/59-10/12/59	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/12/59-10/12/59	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/12/59-10/12/59	1	344.	344.	344.	344.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0307

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0308

NPS Station ID: INDU0308
LAT/LON: 41.588337/ -87.352782
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR08W09 NWSW S
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413518087211001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001
RF1 Mile Point: 0.000
Distance from RF1: 32.40
On/Off RF1:
RF3 Index: 04040001000114.30
RF3 Mile Point: 25.64
Distance from RF3: 2.88
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/35-04/29/35	1	19.4	19.4	19.4	19.4	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/29/35-04/29/35	1	192.	192.	192.	192.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/29/35-04/29/35	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/29/35-04/29/35	1	328.	328.	328.	328.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/29/35-04/29/35	1	22.	22.	22.	22.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0308

				Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0309

NPS Station ID: INDU0309
LAT/LON: 41.607226/ -87.353059
Agency: 21INDN
Date Created: / /
Location: U.S. STEEL GARY WORKS GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313915
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 10.960
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 15.09
Distance from RF3: 0.01
On/Off RF3:
Description:
OUTFALL ST14 033

Parameter Inventory for Station: INDU0309

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/01/72-03/31/73	283	19.	19.664	38.	5.	25.557	5.055	14.	15.	24.	27.
00056	FLOW, RATE GALLONS/DAY	01/01/72-03/31/73	283	2000000.	2059717.314	3100000.	1500000.123	265168032.479	351091.396	1600000.	1800000.	2300000.	2500000.
00400	PH (STANDARD UNITS)	01/01/72-03/31/73	283	6.8	6.841	7.9	6.	0.12	0.346	6.5	6.6	7.	7.4
00400	CONVERTED PH (STANDARD UNITS)	01/01/72-03/31/73	283	6.8	6.724	7.9	6.	0.134	0.365	6.5	6.6	7.	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/01/72-03/31/73	283	0.158	0.189	1.	0.013	0.019	0.138	0.04	0.1	0.251	0.316
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/01/72-03/31/73	283	44.	51.102	573.	11.	2465.738	49.656	25.	34.	54.	69.2
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/01/72-03/31/73	283	2.	3.078	64.	0.	40.739	6.383	0.	1.	4.	6.
74010	IRON, TOTAL (MG/L AS FE)	01/01/72-03/31/73	283	13.6	13.598	120.	1.2	90.6	9.518	5.2	8.2	16.7	19.72
85002	SOLIDS, SUSPENDED - (#/DAY)	01/01/72-03/31/73	283	718.	870.36	8592.	174.	714196.203	845.101	419.4	553.	910.	1266.
85012	IRON, TOTAL - (#/DAY)	01/01/72-03/31/73	283	227.	230.283	1799.	17.	23207.14	152.339	86.4	142.	290.	342.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0309

			Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	283	0	0.00	85	0	0.00	74	0	0.00	85	0	0.00	39	0	0.00
	Other-Lo Lim.	6.5	283	51	0.18	85	9	0.11	74	14	0.19	85	28	0.33	39	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0310

NPS Station ID: INDU0310
LAT/LON: 41.561392/ -87.355560
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR08W21 NWSW L
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413341087212001
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 07120003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 07120003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001055200.00
RF3 Mile Point: 1.01
Distance from RF3: 0.42
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/13/61-12/13/61	1	524.	524.	524.	524.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	12/13/61-12/13/61	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/13/61-12/13/61	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/13/61-12/13/61	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/13/61-12/13/61	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/13/61-12/13/61	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/13/61-12/13/61	1	643.	643.	643.	643.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0310

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0311

NPS Station ID: INDU0311
LAT/LON: 41.629170/ -87.359449
Agency: 21IND
Date Created: 02/21/81
Location: NEAR-SHORE STATION-57
FIPS State/County: 18998 INDIANA/
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 359057 /57-N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04060200
Depth of Water: 37
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04060200
RF1 Mile Point: 0.000
Distance from RF1: 9.20
On/Off RF1:
RF3 Index: 04040001000200.00
RF3 Mile Point: 4.59
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0311

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/22/80-08/26/80	7	11.5	14.	22.	9.	27.333	5.228	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/26/80-08/26/80	1	168.	168.	168.	168.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	07/22/80-08/26/80	7	140.	140.	140.	140.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/22/80-08/26/80	7	300.	297.143	300.	290.	15.476	3.934	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/22/80-08/26/80	7	9.5	9.429	10.	9.	0.112	0.335	**	**	**	**
00400	PH (STANDARD UNITS)	07/22/80-08/26/80	7	8.3	8.229	8.4	8.	0.036	0.189	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/22/80-08/26/80	7	8.3	8.193	8.4	8.	0.037	0.193	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/22/80-08/26/80	7	0.005	0.006	0.01	0.004	0.	0.003	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/22/80-08/26/80	4	0.021	0.025	0.047	0.01	0.	0.016	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/22/80-08/26/80	4	0.378	0.429	0.69	0.27	0.036	0.19	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/22/80-08/26/80	4	0.21	0.208	0.24	0.17	0.001	0.033	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/22/80-08/26/80	4	0.01	0.012	0.018	0.008	0.	0.004	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	07/22/80-08/26/80	4 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/22/80-08/26/80	4	10.	9.75	10.	9.	0.25	0.5	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/22/80-08/26/80	4	22.	22.25	23.	22.	0.25	0.5	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	07/22/80-08/26/80	4	0.45	0.5	1.	0.1	0.14	0.374	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/80-07/22/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/22/80-07/22/80	2	28.5	28.5	29.	28.	0.5	0.707	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/22/80-07/22/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/22/80-07/22/80	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/22/80-07/22/80	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/22/80-07/22/80	2	126.	126.	220.	32.	17672.	132.936	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/22/80-07/22/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/22/80-07/22/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/80-07/22/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	07/22/80-08/26/80	4 ##	1.	1.001	2.	0.003	0.665	0.815	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/22/80-07/22/80	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0311

			Total	Exceed	Prop.	9/16-1/15			1/16-3/15			3/16-7/15			7/16-9/15		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	7	0	0.00										7	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0311

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	7	0	0.00										7	0	0.00
		Other-Lo Lim.	6.5	7	0	0.00										7	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00										4	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	4	0	0.00										4	0	0.00
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00										4	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	4	0	0.00										4	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00										2	0	0.00
		Drinking Water	50.	2	0	0.00										2	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00										2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00										2	0	0.00
		Drinking Water	5.	2	0	0.00										2	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00										2	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00										2	0	0.00
		Drinking Water	1300.	2	0	0.00										2	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	2	0	0.00										2	0	0.00
		Drinking Water	5.	2	0	0.00										2	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	2	0	0.00										2	0	0.00
		Drinking Water	50.	2	0	0.00										2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00										2	0	0.00
		Drinking Water	50.	2	0	0.00										2	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00										2	0	0.00
		Drinking Water	2.	2	0	0.00										2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0312

NPS Station ID: INDU0312 LAT/LON: 41.633892/ -87.361948 Agency: 112WRD Date Created: / /
Location: LK MICHIGAN AT FILTRATION PLANT AT GARY, IND. FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 04092800
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04060200 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 04060200 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 04040001001000.09 RF3 Mile Point: 0.10 Distance from RF3: 0.05 On/Off RF3:
Description:

Parameter Inventory for Station: INDU0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/13/70-10/13/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/13/70-10/13/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	10/13/70-10/13/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	10/13/70-10/13/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/13/70-10/13/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/13/70-10/13/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/13/70-10/13/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	10/13/70-10/13/70	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0312

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0313

NPS Station ID: INDU0313
LAT/LON: 41.527505/ -87.362227
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR08W32 SENW SG
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413139087214401
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 07120003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 07120003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 07120003015800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.73
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/59-10/12/59	1	276.	276.	276.	276.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/12/59-10/12/59	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/12/59-10/12/59	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/12/59-10/12/59	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/59-10/12/59	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/12/59-10/12/59	1	300.	300.	300.	300.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/12/59-10/12/59	1	317.	317.	317.	317.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0313

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0314

NPS Station ID: INDU0314
LAT/LON: 41.527226/ -87.363616
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR08W32 SENW SG
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413138087214901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 07120003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 07120003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001024400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.54
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/12/59-10/12/59	1	276.	276.	276.	276.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/12/59-10/12/59	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/12/59-10/12/59	1	224.	224.	224.	224.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/12/59-10/12/59	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/12/59-10/12/59	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/12/59-10/12/59	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/12/59-10/12/59	1	319.	319.	319.	319.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0314

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0315

NPS Station ID: INDU0315
LAT/LON: 41.628337/ -87.365282
Agency: 21INDN
Date Created: / /
Location: U.S. STEEL GARY WORKS GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313918
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 10.680
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001000300.05
RF3 Mile Point: 16.57
Distance from RF3: 0.00
On/Off RF3:
Description:
OUTFALL STL2 038

Parameter Inventory for Station: INDU0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/07/72-03/30/73	41	14.	14.78	28.	4.	41.226	6.421	7.2	9.5	20.	23.8
00056	FLOW, RATE GALLONS/DAY	05/07/72-03/30/73	41	5800000.	8058536.585	11600000.	5800000.	**********	2858319.052	5800000.	5800000.	11600000.	11600000.
00400	PH (STANDARD UNITS)	05/07/72-03/30/73	41	7.9	7.807	8.2	7.	0.091	0.302	7.3	7.65	8.05	8.18
00400	CONVERTED PH (STANDARD UNITS)	05/07/72-03/30/73	41	7.9	7.687	8.2	7.	0.106	0.326	7.3	7.65	8.05	8.18
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/07/72-03/30/73	41	0.013	0.021	0.1	0.006	0.	0.019	0.007	0.009	0.023	0.05
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/07/72-03/30/73	41	9.	13.195	84.	1.	233.061	15.266	4.	5.	15.	27.4
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	05/07/72-03/30/73	41	1.	1.732	6.	0.	3.051	1.747	0.	0.	3.	4.8
74010	IRON, TOTAL (MG/L AS FE)	05/07/72-03/30/73	41	0.4	0.537	1.6	0.1	0.213	0.462	0.1	0.2	0.8	1.38
85002	SOLIDS, SUSPENDED - (#/DAY)	05/07/72-03/30/73	41	483.	951.878	8110.	48.	2098329.86	1448.561	202.8	360.5	1014.5	1550.
85012	IRON, TOTAL - (#/DAY)	05/07/72-03/30/73	41	19.	37.537	153.	5.	1704.355	41.284	5.	10.	48.	124.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0315

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	41	0	0.00	14	0	0.00	8	0	0.00	11	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	41	0	0.00	14	0	0.00	8	0	0.00	11	0	0.00	8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0316

NPS Station ID: INDU0316
LAT/LON: 41.544170/ -87.365282
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR08W29 NESW S
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413239087215501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 07120003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 07120003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 07120003023000.54
RF3 Mile Point: 4.15
Distance from RF3: 0.38
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0316

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/13/59-10/13/59	1	244.	244.	244.	244.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/13/59-10/13/59	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/13/59-10/13/59	1	316.	316.	316.	316.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/13/59-10/13/59	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/13/59-10/13/59	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/13/59-10/13/59	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/13/59-10/13/59	1	487.	487.	487.	487.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0316

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0317

NPS Station ID: INDU0317
LAT/LON: 41.630282/ -87.371670
Agency: 21INDN
Date Created: / /
Location: U.S. STEEL GARY WORKS GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313920
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 11.130
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001000300.05
RF3 Mile Point: 8.77
Distance from RF3: 0.02
On/Off RF3:
Description:
OUTFALL STL6 039

Parameter Inventory for Station: INDU0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/07/72-03/30/73	57	14.	14.088	29.	3.	39.046	6.249	7.	9.	19.5	23.2
00056	FLOW, RATE GALLONS/DAY	01/07/72-03/30/73	57	80900000.	46109359.649	97000000.	1072.	**********	44360712.257	1157.	1268.	89900000.	93300000.
00400	PH (STANDARD UNITS)	01/07/72-03/30/73	57	8.	7.947	8.6	6.9	0.094	0.307	7.58	7.8	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	01/07/72-03/30/73	57	8.	7.801	8.6	6.9	0.116	0.34	7.58	7.8	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/72-03/30/73	57	0.01	0.016	0.126	0.003	0.	0.021	0.006	0.006	0.016	0.026
00500	RESIDUE, TOTAL (MG/L)	01/07/72-03/30/73	57	2.	3.263	18.	0.	12.055	3.472	0.	1.	4.5	7.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/72-03/30/73	57	13.	18.842	65.	3.	170.35	13.052	7.8	10.	25.5	36.8
74010	IRON, TOTAL (MG/L AS FE)	01/07/72-03/30/73	57	0.7	0.939	4.4	0.1	0.782	0.884	0.2	0.4	1.1	2.08
85002	SOLIDS, SUSPENDED - (#/DAY)	01/07/72-03/30/73	57	12000.	15685.86	43800.	2330.	92814265.016	9634.016	7514.	8800.	21450.	32600.
85012	IRON, TOTAL - (#/DAY)	01/07/72-03/30/73	57	595.	760.947	3170.	72.	367893.729	606.542	162.	355.5	1018.5	1610.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0317

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	57	0	0.00	17	0	0.00	15	0	0.00	17	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	57	0	0.00	17	0	0.00	15	0	0.00	17	0	0.00	8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0318

NPS Station ID: INDU0318
LAT/LON: 41.630837/ -87.371949
Agency: 21INDN
Date Created: / /
Location: U.S. STEEL GARY WORKS GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313922
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 11.130
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001000300.05
RF3 Mile Point: 10.73
Distance from RF3: 0.04
On/Off RF3:
Description:
RIVER SAMPLE PRR BRIDGE

Parameter Inventory for Station: INDU0318

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/72-03/30/73	112	16.	18.08	31.	8.	44.903	6.701	10.	12.	25.	28.
00056	FLOW, RATE GALLONS/DAY	01/04/72-03/30/73	112	4977.	4991.295	5296.	4612.	28109.435	167.659	4795.	4887.	5096.	5227.
00400	PH (STANDARD UNITS)	01/04/72-03/30/73	112	7.4	7.418	8.4	6.	0.128	0.357	7.	7.2	7.675	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/04/72-03/30/73	112	7.4	7.241	8.4	6.	0.159	0.399	7.	7.2	7.675	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/72-03/30/73	112	0.04	0.057	1.	0.004	0.01	0.098	0.013	0.021	0.063	0.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/04/72-03/30/73	112	17.	19.911	57.	2.	123.487	11.112	9.	12.	25.	32.7
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/04/72-03/30/73	112	2.	2.143	8.	0.	3.601	1.898	0.	0.	3.	4.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/04/72-03/30/73	112	1.1	1.243	3.4	0.1	0.262	0.512	0.73	1.	1.5	1.9
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/04/72-03/30/73	112	37.	45.42	238.	0.	1761.867	41.975	0.	15.25	64.5	101.7
74010	IRON, TOTAL (MG/L AS FE)	01/04/72-03/30/73	112	1.3	1.954	11.	0.2	3.634	1.906	0.6	0.9	2.1	4.81
85002	SOLIDS, SUSPENDED - (#/DAY)	01/04/72-03/30/73	112	73550.	116336.134	984000.	4070.26	099610158.694	161553.738	33900.	46649.75	111999.5	193306.9
85003	PHENOLS - (#/DAY)	01/04/72-03/30/73	112	148.	187.732	979.	0.	30097.892	173.487	0.	62.5	261.	412.9
85012	IRON, TOTAL - (#/DAY)	01/04/72-03/30/73	112	5290.	8134.277	48500.	768.	63938569.157	7996.16	2494.	3590.	8792.5	20030.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0318

			Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Other-Hi Lim.	9.	112	0	0.00	35	0	0.00	27	0	0.00	35	0	0.00	15	0	0.00
	Other-Lo Lim.	6.5	112	1	0.01	35	0	0.00	27	1	0.04	35	0	0.00	15	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0319

NPS Station ID: INDU0319
LAT/LON: 41.630559/ -87.371949
Agency: 21INDN
Date Created: / /
Location: U.S. STEEL UNIVERSAL ATLAS CEMEN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313921
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001003
RF1 Mile Point: 11.130
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001000300.05
RF3 Mile Point: 10.73
Distance from RF3: 0.04
On/Off RF3:
Description:
OUTFALL UAL4

Parameter Inventory for Station: INDU0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/07/72-03/30/73	56	12.	12.411	27.	0.	29.41	5.423	5.7	9.	16.75	19.3
00056	FLOW, RATE GALLONS/DAY	01/07/72-03/30/73	56	380000.	580714.286	1500000.	0.217094025974.026		465933.5	175000.	200000.	790000.	1500000.
00400	PH (STANDARD UNITS)	01/07/72-03/30/73	56	7.7	7.677	8.6	6.8	0.094	0.306	7.24	7.525	7.8	8.
00400	CONVERTED PH (STANDARD UNITS)	01/07/72-03/30/73	56	7.7	7.552	8.6	6.8	0.11	0.331	7.24	7.525	7.8	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/07/72-03/30/73	56	0.02	0.028	0.158	0.003	0.001	0.029	0.01	0.016	0.03	0.059
00500	RESIDUE, TOTAL (MG/L)	01/07/72-03/30/73	56	1.5	1.875	6.	0.	3.166	1.779	0.	0.	3.	4.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/07/72-03/30/73	56	8.	12.75	178.	2.	544.882	23.343	3.7	6.	12.	18.6
74010	IRON, TOTAL (MG/L AS FE)	01/07/72-03/30/73	56	1.1	1.071	2.4	0.2	0.291	0.54	0.4	0.6	1.5	1.8
85002	SOLIDS, SUSPENDED - (#/DAY)	01/07/72-03/30/73	56	26.5	55.125	570.	0.	7664.875	87.549	10.	15.25	57.5	150.
85012	IRON, TOTAL - (#/DAY)	01/07/72-03/30/73	56	3.	5.071	23.	0.	27.522	5.246	1.	2.	6.75	11.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0319

				Total	Exceed	Prop.	----------9/16-1/15----------			----------1/16-3/15----------			----------3/16-7/15----------			----------7/16-9/15----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Other-Hi Lim.	9.	56	0	0.00	15	0	0.00	16	0	0.00	17	0	0.00	8	0	0.00
		Other-Lo Lim.	6.5	56	0	0.00	15	0	0.00	16	0	0.00	17	0	0.00	8	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0320

NPS Station ID: INDU0320
LAT/LON: 41.608892/ -87.371949
Agency: 112WRD
Date Created: 06/22/85
Location: GRAND CALUMET R. @ BRIDGE ST. @ GARY,IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413632087221900
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 9.600
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 14.99
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0320

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0321

NPS Station ID: INDU0321
LAT/LON: 41.609170/ -87.372226
Agency: 21IND
Date Created: 09/13/86
Location: GRAND CALUMET-GARY BRIDGE STREET BR MI PT 42
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 174343 /GCR 42
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: LAKE MICHIGAN
Elevation: 0
Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 9.600
Distance from RF1: 3.00
On/Off RF1: ON
RF3 Index: 04040001001005.04
RF3 Mile Point: 5.03
Distance from RF3: 0.25
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/86-07/27/92	71	17.	16.594	30.5	0.	60.66	7.788	7.16	10.3	23.	27.84
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/15/86-11/27/90	40	11.5	11.433	26.	2.5	38.681	6.219	4.	5.85	17.5	18.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/86-07/27/92	72	318.5	366.194	896.	179.	22189.736	148.962	261.4	292.	380.75	524.3
00300	OXYGEN, DISSOLVED MG/L	01/15/86-07/27/92	69	8.1	8.333	12.5	4.9	4.11	2.027	5.6	6.7	9.9	11.5
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/86-04/21/92	36	1.55	1.639	4.9	0.5	0.853	0.924	0.5	1.125	2.15	2.69
00335	COD, .025N K2CR2O7 MG/L	01/15/86-07/27/92	78	11.	12.699	42.	2.5	39.067	6.25	7.	9.75	13.25	18.4
00400	PH (STANDARD UNITS)	01/15/86-07/27/92	69	7.54	7.563	8.33	6.7	0.127	0.356	7.1	7.3	7.805	8.
00400	CONVERTED PH (STANDARD UNITS)	01/15/86-07/27/92	69	7.54	7.421	8.33	6.7	0.147	0.384	7.1	7.3	7.805	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	69	0.029	0.038	0.2	0.005	0.001	0.035	0.01	0.016	0.05	0.079
00403	PH, LAB, STANDARD UNITS SU	01/15/86-07/27/92	78	7.75	7.727	8.3	6.7	0.084	0.289	7.49	7.6	7.9	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/86-07/27/92	78	7.747	7.594	8.3	6.7	0.102	0.319	7.49	7.6	7.9	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	78	0.018	0.025	0.2	0.005	0.001	0.032	0.01	0.013	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	78	117.	117.09	135.	94.	46.187	6.796	109.	112.	120.	126.2
00500	RESIDUE, TOTAL (MG/L)	01/15/86-07/27/92	77	213.	233.494	1160.	171.	12290.937	110.865	197.8	206.	228.	270.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/86-07/27/92	77	8.	9.565	37.	0.5	39.469	6.282	3.6	5.5	12.	18.
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	05/21/86-04/28/88	19	2.	4.095	21.	0.5	20.598	4.539	1.	2.	5.	7.8
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/15/86-12/12/89	20	2.75	3.2	11.	0.5	9.116	3.019	0.5	0.5	5.75	7.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/86-07/27/92	77	0.8	1.348	19.	0.3	6.9	2.627	0.4	0.6	1.1	1.36
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/17/91-04/17/91	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/86-07/27/92	78	0.4	0.438	1.3	0.3	0.019	0.139	0.3	0.4	0.5	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/86-07/27/92	78	0.04	0.038	0.11	0.015	0.001	0.023	0.015	0.015	0.05	0.06
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/86-07/27/92	78 ##	0.003	0.005	0.043	0.003	0.	0.007	0.003	0.003	0.005	0.012
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	78	151.5	156.872	334.	120.	576.399	24.008	141.8	146.	162.	174.
00910	CALCIUM (MG/L AS CACO3)	01/28/87-07/27/92	66	102.	101.864	118.	84.	33.227	5.764	96.	99.	104.	110.
00920	MAGNESIUM (MG/L AS CACO3)	01/28/87-05/23/89	23	52.	54.609	90.	36.	115.158	10.731	43.2	48.	60.	65.8
00929	SODIUM, TOTAL (MG/L AS NA)	05/15/90-11/27/90	2	11.	11.	11.	11.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/17/91-04/17/91	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	04/17/91-04/17/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/86-07/27/92	74	1.	0.947	2.	0.5	0.296	0.545	0.5	0.5	1.025	2.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/86-07/27/92	76	1.	1.414	2.	0.8	0.254	0.504	1.	1.	2.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/21/86-07/27/92	74	20.	20.676	30.	20.	6.387	2.527	20.	20.	20.	20.
01012	BERYLLIUM, TOTAL (UG/L AS BE)	03/29/89-07/27/92	13 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	12/13/88-07/27/92	16 ##	1.	1.188	2.	1.	0.163	0.403	1.	1.	1.	2.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/15/86-07/27/92	77 ##	5.	5.753	30.	2.	19.636	4.431	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	12/13/88-07/27/92	16	6.	6.125	9.	2.	2.383	1.544	3.4	6.	7.	7.6
01045	IRON, TOTAL (UG/L AS FE)	01/15/86-07/27/92	78	945.	974.744	2100.	180.	184025.258	428.982	420.	667.5	1200.	1600.
01046	IRON, DISSOLVED (UG/L AS FE)	05/21/86-03/26/92	50	70.	87.2	380.	30.	3689.959	60.745	41.	50.	92.5	149.
01051	LEAD, TOTAL (UG/L AS PB)	01/15/86-07/27/92	78 ##	5.	7.692	44.	3.	48.45	6.961	3.	3.	10.	14.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	05/20/87-06/20/89	22	60.	75.	160.	40.	930.952	30.512	50.	50.	92.5	120.
01059	THALLIUM, TOTAL (UG/L AS TL)	03/29/89-07/27/92	13 ##	10.	9.385	10.	2.	4.923	2.219	5.2	10.	10.	10.
01067	NICKEL, TOTAL (UG/L AS NI)	12/13/88-07/27/92	15 ##	2.	2.467	6.	2.	1.552	1.246	2.	2.	2.	5.4
01077	SILVER, TOTAL (UG/L AS AG)	05/21/86-07/27/92	74 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01092	ZINC, TOTAL (UG/L AS ZN)	12/13/88-07/27/92	15	40.	56.667	120.	30.	980.952	31.32	30.	30.	80.	114.
01097	ANTIMONY, TOTAL (UG/L AS SB)	03/29/89-07/27/92	13	0.7	0.842	3.	0.35	0.47	0.685	0.35	0.425	0.9	2.2
01147	SELENIUM, TOTAL (UG/L AS SE)	05/21/86-07/27/92	73 ##	0.25	0.297	2.	0.1	0.056	0.237	0.2	0.2	0.25	0.48
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/86-03/30/88	26	90.	5555.385	130000.	10.	647183113.846	25439.794	10.	30.	215.	4580.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/15/86-03/30/88	26	1.954	2.099	5.114	1.	0.867	0.931	1.	1.477	2.332	3.603
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			125.559								
31648	E. COLI - MTEC-MF N0/100ML	04/28/88-07/27/92	46	95.	1350.652	15000.	5.	9592572.899	3097.188	8.5	30.	440.	6110.
31648	LOG E. COLI - MTEC-MF N0/1	04/28/88-07/27/92	46	1.977	2.159	4.176	0.699	0.932	0.965	0.91	1.477	2.643	3.778
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			144.068								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32104	BROMOFORM,WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32106	CHLOROFORM,WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/15/86-07/27/92	77 ##	2.5	9.643	180.	2.5	761.289	27.591	2.5	2.5	6.	12.8
32732	PHENOLICS,DISSOLVED,UG/L	03/29/89-04/21/92	10 ##	2.1	2.1	2.1	2.1	0.	0.	2.1	2.1	2.1	2.1
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/29/89-04/21/92	10 ##	0.75	0.75	0.75	0.75	0.	0.	0.75	0.75	0.75	0.75
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	03/29/89-04/21/92	10 ##	0.5	2.11	14.	0.5	18.121	4.257	0.5	0.5	1.15	12.91
34200	ACENAPHTHYLENE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34205	ACENAPHTHENE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34220	ANTHRACENE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	1.25	1.25	1.25	1.25	0.	0.	1.25	1.25	1.25	1.25
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	03/29/89-04/21/92	10 ##	1.25	1.25	1.25	1.25	0.	0.	1.25	1.25	1.25	1.25
34247	BENZO-A-PYRENE TOTWUG/L	03/29/89-04/21/92	10 ##	1.75	1.75	1.75	1.75	0.	0.	1.75	1.75	1.75	1.75
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	03/29/89-04/21/92	10 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	03/29/89-04/21/92	10 ##	0.75	0.75	0.75	0.75	0.	0.	0.75	0.75	0.75	0.75
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	03/29/89-04/21/92	10 ##	0.75	0.75	0.75	0.75	0.	0.	0.75	0.75	0.75	0.75
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	03/29/89-04/21/92	10 ##	2.25	2.25	2.25	2.25	0.	0.	2.25	2.25	2.25	2.25
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34301	CHLOROBENZENE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34320	CHRYSENE TOTWUG/L	03/29/89-04/21/92	10 ##	1.75	1.75	1.75	1.75	0.	0.	1.75	1.75	1.75	1.75
34336	DIETHYL PHTHALATE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34341	DIMETHYL PHTHALATE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	03/29/89-04/21/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34376	FLUORANTHENE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34381	FLUORENE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	03/29/89-04/21/92	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34396	HEXACHLOROETHANE TOTWUG/L	03/29/89-04/21/92	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	03/29/89-04/21/92	10 ##	1.75	1.75	1.75	1.75	0.	0.	1.75	1.75	1.75	1.75
34408	ISOPHORONE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34423	METHYLENE CHLORIDE TOTWUG/L	03/29/89-04/21/92	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	03/29/89-04/21/92	10 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
34447	NITROBENZENE TOTWUG/L	03/29/89-04/21/92	10 ##	1.25	1.25	1.25	1.25	0.	0.	1.25	1.25	1.25	1.25
34461	PHENANTHRENE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34469	PYRENE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34475	TETRACHLOROETHYLENE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34496	1,1-DICHLOROETHANE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34501	1,1-DICHLOROETHYLENE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	03/29/89-04/21/92	10 ##	1.75	1.75	1.75	1.75	0.	0.	1.75	1.75	1.75	1.75
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	03/29/89-04/21/92	10 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
34536	1,2-DICHLOROBENZENE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34541	1,2-DICHLOROPROPANE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	03/29/89-04/21/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	03/29/89-04/21/92	10 ##	1.75	1.75	1.75	1.75	0.	0.	1.75	1.75	1.75	1.75
34566	1,3-DICHLOROBENZENE TOTWUG/L	03/29/89-04/21/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34571	1,4-DICHLOROBENZENE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34581	2-CHLORONAPHTHALENE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34586	2-CHLOROPHENOL TOTWUG/L	03/29/89-04/21/92	10 ##	1.9	1.9	1.9	1.9	0.	0.	1.9	1.9	1.9	1.9
34591	2-NITROPHENOL TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	03/29/89-04/21/92	10 ##	0.75	0.75	0.75	0.75	0.	0.	0.75	0.75	0.75	0.75
34601	2,4-DICHLOROPHENOL TOTWUG/L	03/29/89-04/21/92	10 ##	2.4	2.4	2.4	2.4	0.	0.	2.4	2.4	2.4	2.4
34606	2,4-DIMETHYLPHENOL TOTWUG/L	03/29/89-04/21/92	10 ##	2.4	2.4	2.4	2.4	0.	0.	2.4	2.4	2.4	2.4
34611	2,4-DINITROTOLUENE TOTWUG/L	03/29/89-04/21/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34616	2,4-DINITROPHENOL TOTWUG/L	03/29/89-04/21/92	10 ##	0.8	0.8	0.8	0.8	0.	0.	0.8	0.8	0.8	0.8
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	03/29/89-04/21/92	10 ##	3.1	3.1	3.1	3.1	0.	0.	3.1	3.1	3.1	3.1
34626	2,6-DINITROTOLUENE TOTWUG/L	03/29/89-04/21/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	03/29/89-04/21/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	03/29/89-04/21/92	10 ##	0.75	0.75	0.75	0.75	0.	0.	0.75	0.75	0.75	0.75
34646	4-NITROPHENOL TOTWUG/L	03/29/89-04/21/92	10 ##	2.7	2.7	2.7	2.7	0.	0.	2.7	2.7	2.7	2.7
34696	NAPHTHALENE TOTWUG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
34705	CIS-1,3-DICHLOROPROPENE DISSOLVED IN WATER UG/L	03/29/89-03/29/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	10 ##	0.9	0.9	0.9	0.9	0.	0.	0.9	0.9	0.9	0.9
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	0.75	49.755	350.	0.75	13039.292	114.19	0.75	0.75	36.725	329.
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	10 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/29/89-04/21/92	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	03/29/89-04/21/92	10 ##	0.015	0.015	0.015	0.015	0.	0.	0.015	0.015	0.015	0.015
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	10 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	10 ##	0.02	0.02	0.02	0.02	0.	0.	0.02	0.02	0.02	0.02
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	10 ##	0.04	0.04	0.04	0.04	0.	0.	0.04	0.04	0.04	0.04
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	10 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	10 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	10 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	10 ##	0.5	0.4	0.5	0.25	0.017	0.129	0.25	0.25	0.5	0.5
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	10 ##	0.5	0.4	0.5	0.25	0.017	0.129	0.25	0.25	0.5	0.5
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	03/29/89-04/21/92	10 ##	2.6	2.6	2.6	2.6	0.	0.	2.6	2.6	2.6	2.6
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	03/29/89-04/21/92	10 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
47501	WEATHER AT TIME OF SAMPLING	05/21/86-07/27/92	64	30520.	29343.266	90011.	10004.	381989613.087	19544.555	10519.5	12226.75	41961.25	46718.
71900	MERCURY, TOTAL (UG/L AS HG)	01/15/86-07/27/92	78 ##	0.05	0.091	2.8	0.05	0.097	0.311	0.05	0.05	0.05	0.1
77089	ANILINE WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	0.75	0.75	0.75	0.75	0.	0.	0.75	0.75	0.75	0.75
77147	BENZYL ALCOHOL WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	1.25	1.25	1.25	1.25	0.	0.	1.25	1.25	1.25	1.25
77247	BENZOIC ACID WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	0.85	0.85	0.85	0.85	0.	0.	0.85	0.85	0.85	0.85
77416	2-METHYLNAPHTHALENE WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
77571	CARBAZOLE WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	03/29/89-04/21/92	10 ##	1.3	1.3	1.3	1.3	0.	0.	1.3	1.3	1.3	1.3
78113	ETHYL BENZENE WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
78300	3-NITROANILINE, TOTAL, IN WATER UG/L	03/29/89-04/21/92	10 ##	1.25	1.25	1.25	1.25	0.	0.	1.25	1.25	1.25	1.25
81302	DIBENZOFURAN(C12H8O) WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	10 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
81551	XYLENE WHL WATER SMPL UG/L	03/29/89-04/21/92	10 ##	4.5	4.5	4.5	4.5	0.	0.	4.5	4.5	4.5	4.5
81552	ACETONE WHL WATER SMPL UG/L	03/29/89-04/21/92	9 ##	10.	166.667	1200.	10.	155450.	394.271	10.	10.	120.	1200.
81595	METHYL ETHYL KETONE WHL WATER SMPL UG/L	03/29/89-04/21/92	10 ##	3.	5.6	22.	3.	38.044	6.168	3.	3.	4.75	20.8
81596	METHYL-ISOBUTYL KETONE WHL WATER SMPL UG/L	03/29/89-04/21/92	10 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
81648	PCB - 1016/1242 IN THE WHOLE WATER SMPL UG/L	03/29/89-04/21/92	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81649	PCB - 1262 IN THE WHOLE WATER SAMPLE UG/L	03/29/89-04/21/92	8 ##	0.375	0.375	0.5	0.25	0.018	0.134	**	**	**	**
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVERABLE, UG/L	03/29/89-04/21/92	10 ##	0.1	0.07	0.1	0.025	0.002	0.039	0.025	0.025	0.1	0.1
82624	ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE,UG/L	03/29/89-04/21/92	10 ##	0.05	0.04	0.05	0.025	0.	0.013	0.025	0.025	0.05	0.05
85810	DICHLOROETHYLENE, TRANS-1,2- , EFFLUENT UG/L	03/29/89-03/29/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0321

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	40	0	0.00	12	0	0.00	7	0	0.00	14	0	0.00	7	0	0.00
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	69	0	0.00	22	0	0.00	10	0	0.00	25	0	0.00	12	0	0.00
00400	PH	Other-Hi Lim.	9.	69	0	0.00	21	0	0.00	13	0	0.00	23	0	0.00	12	0	0.00
		Other-Lo Lim.	6.5	69	0	0.00	21	0	0.00	13	0	0.00	23	0	0.00	12	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	78	0	0.00	25	0	0.00	13	0	0.00	27	0	0.00	13	0	0.00
		Other-Lo Lim.	6.5	78	0	0.00	25	0	0.00	13	0	0.00	27	0	0.00	13	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	78	0	0.00	25	0	0.00	13	0	0.00	27	0	0.00	13	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	78	4	0.05	25	2	0.08	13	1	0.08	27	0	0.00	13	1	0.08
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	76	0	0.00	24	0	0.00	13	0	0.00	27	0	0.00	12	0	0.00
		Drinking Water	50.	76	0	0.00	24	0	0.00	13	0	0.00	27	0	0.00	12	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	74	0	0.00	23	0	0.00	12	0	0.00	26	0	0.00	13	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	13	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	16	0	0.00	5	0	0.00	2	0	0.00	6	0	0.00	3	0	0.00
		Drinking Water	5.	16	0	0.00	5	0	0.00	2	0	0.00	6	0	0.00	3	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	77	0	0.00	23	0	0.00	13	0	0.00	28	0	0.00	13	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	16	0	0.00	5	0	0.00	2	0	0.00	6	0	0.00	3	0	0.00
		Drinking Water	1300.	16	0	0.00	5	0	0.00	2	0	0.00	6	0	0.00	3	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	78	0	0.00	24	0	0.00	13	0	0.00	28	0	0.00	13	0	0.00
		Drinking Water	5.	68 &	36	0.53	21	13	0.62	11	6	0.55	25	12	0.48	11	5	0.45
01059	THALLIUM, TOTAL	Fresh Acute	1400.	13	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	15	0	0.00	5	0	0.00	2	0	0.00	5	0	0.00	3	0	0.00
		Drinking Water	100.	15	0	0.00	5	0	0.00	2	0	0.00	5	0	0.00	3	0	0.00
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	50.	74	0	0.00	23	0	0.00	12	0	0.00	26	0	0.00	13	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	15	1	0.07	5	1	0.20	2	0	0.00	6	0	0.00	2	0	0.00
01097	ANTIMONY, TOTAL	Fresh Acute	88.	13	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00
		Drinking Water	10.	13	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	73	0	0.00	22	0	0.00	12	0	0.00	26	0	0.00	13	0	0.00
		Drinking Water	50.	73	0	0.00	22	0	0.00	12	0	0.00	26	0	0.00	13	0	0.00
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	26	7	0.27	8	3	0.38	5	0	0.00	8	3	0.38	5	1	0.20
31648	E. COLI, MTEC, MF	Fresh Acute	126.	46	20	0.43	15	7	0.47	7	2	0.29	16	7	0.44	8	4	0.50
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	5.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	5.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	100.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	1000.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
34386	HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0321

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	5.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	9.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	1.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	400.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	5.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	0.2	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	2.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	0.2	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	0.4	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
		Drinking Water	0.2	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	78	1	0.01	24	1	0.04	13	0	0.00	28	0	0.00	13	0	0.00
		Drinking Water	2.	78	1	0.01	24	1	0.04	13	0	0.00	28	0	0.00	13	0	0.00
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
82624	ENDOSULFAN, BETA, WH WATER, TOTAL RECOVE	Fresh Acute	0.22	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1986 - Station INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/86-07/27/92	12	14.	13.667	23.	2.	41.515	6.443	3.5	9.	19.5	22.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/86-07/27/92	12	327.5	345.25	497.	259.	4408.023	66.393	267.4	303.5	384.	475.7
00300	OXYGEN, DISSOLVED MG/L	01/15/86-07/27/92	12	8.	8.483	11.5	6.3	2.798	1.673	6.39	7.125	10.025	11.2
00335	COD, .025N K2CR2O7 MG/L	01/15/86-07/27/92	12	12.5	12.625	28.	2.5	48.415	6.958	3.25	7.75	14.5	26.2
00400	PH (STANDARD UNITS)	01/15/86-07/27/92	12	7.35	7.333	7.9	6.7	0.101	0.317	6.82	7.1	7.575	7.81
00400	CONVERTED PH (STANDARD UNITS)	01/15/86-07/27/92	12	7.347	7.224	7.9	6.7	0.114	0.337	6.82	7.1	7.575	7.81
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	12	0.045	0.06	0.2	0.013	0.002	0.05	0.016	0.027	0.079	0.163
00403	PH, LAB, STANDARD UNITS SU	01/15/86-07/27/92	12	7.7	7.717	8.	7.5	0.02	0.14	7.53	7.6	7.8	7.97
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/86-07/27/92	12	7.7	7.697	8.	7.5	0.02	0.142	7.53	7.6	7.8	7.97
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	12	0.02	0.02	0.032	0.01	0.	0.006	0.011	0.016	0.025	0.03
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	12	118.	117.667	128.	104.	51.515	7.177	106.4	112.	124.	127.4
00500	RESIDUE, TOTAL (MG/L)	01/15/86-07/27/92	12	217.	304.583	1160.	200.	73420.992	270.963	200.9	205.75	265.25	899.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/86-07/27/92	12	6.	5.958	12.	0.5	14.475	3.805	0.65	2.5	8.	12.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/86-07/27/92	12	0.95	3.383	19.	0.5	28.465	5.335	0.56	0.725	3.75	15.58
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/86-07/27/92	12	0.4	0.408	0.5	0.3	0.003	0.051	0.33	0.4	0.4	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/86-07/27/92	12	0.03	0.034	0.06	0.015	0.	0.015	0.015	0.019	0.048	0.057
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/86-07/27/92	12	0.007	0.009	0.03	0.003	0.	0.008	0.003	0.003	0.011	0.026
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	12	148.	158.5	190.	140.	318.636	17.85	141.2	146.	169.5	190.
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/86-07/27/92	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/86-07/27/92	11	2.	1.727	2.	1.	0.218	0.467	1.	1.	2.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/21/86-07/27/92	8	20.	21.25	30.	20.	12.5	3.536	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/15/86-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01045	IRON, TOTAL (UG/L AS FE)	01/15/86-07/27/92	12	865.	838.333	1900.	240.	225978.788	475.372	285.	430.	1175.	1690.
01051	LEAD, TOTAL (UG/L AS PB)	01/15/86-07/27/92	12 ##	5.	7.083	10.	5.	6.629	2.575	5.	5.	10.	10.
01077	SILVER, TOTAL (UG/L AS AG)	05/21/86-07/27/92	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/21/86-07/27/92	8	0.2	0.275	0.5	0.1	0.028	0.167	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/15/86-07/27/92	12	5.5	20.167	166.	2.5	2138.242	46.241	2.5	2.5	14.25	121.9
71900	MERCURY, TOTAL (UG/L AS HG)	01/15/86-07/27/92	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/86-07/27/92	11	18.	16.727	29.	1.	77.418	8.799	2.	9.	24.	28.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/86-07/27/92	11	267.	288.545	409.	217.	4700.073	68.557	217.6	230.	349.	405.8
00300	OXYGEN, DISSOLVED MG/L	01/15/86-07/27/92	11	7.8	8.236	12.5	5.5	6.597	2.568	5.52	5.6	11.3	12.34
00335	COD, .025N K2CR2O7 MG/L	01/15/86-07/27/92	11	11.	11.455	18.	9.	7.473	2.734	9.	10.	12.	17.4
00400	PH (STANDARD UNITS)	01/15/86-07/27/92	10	7.5	7.52	7.9	7.2	0.04	0.199	7.21	7.375	7.625	7.88
00400	CONVERTED PH (STANDARD UNITS)	01/15/86-07/27/92	10	7.5	7.481	7.9	7.2	0.041	0.203	7.21	7.375	7.625	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	10	0.032	0.033	0.063	0.013	0.	0.015	0.013	0.024	0.042	0.062
00403	PH, LAB, STANDARD UNITS SU	01/15/86-07/27/92	11	7.7	7.7	7.9	7.5	0.018	0.134	7.5	7.6	7.8	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/86-07/27/92	11	7.7	7.681	7.9	7.5	0.018	0.136	7.5	7.6	7.8	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	11	0.02	0.021	0.032	0.013	0.	0.006	0.013	0.016	0.025	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	11	120.	117.909	130.	94.	94.491	9.721	97.6	112.	126.	129.2
00500	RESIDUE, TOTAL (MG/L)	01/15/86-07/27/92	11	219.	231.364	308.	197.	1279.855	35.775	198.8	209.	229.	305.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/86-07/27/92	11	10.	12.727	37.	2.	94.218	9.707	3.	7.	18.	33.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/86-07/27/92	10	0.85	2.12	13.	0.8	14.635	3.826	0.8	0.8	1.125	11.82
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/86-07/27/92	11	0.4	0.4	0.5	0.3	0.002	0.045	0.32	0.4	0.4	0.48
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/86-07/27/92	11	0.06	0.063	0.11	0.04	0.001	0.025	0.04	0.05	0.06	0.11
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/86-07/27/92	11 ##	0.003	0.008	0.043	0.003	0.	0.012	0.003	0.003	0.006	0.037
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	11	150.	153.455	174.	130.	154.473	12.429	133.2	146.	160.	173.6
00910	CALCIUM (MG/L AS CACO3)	01/28/87-07/27/92	11	102.	101.455	114.	84.	64.073	8.005	86.	98.	106.	113.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/86-07/27/92	11 ##	0.5	0.682	2.	0.5	0.214	0.462	0.5	0.5	0.5	1.8
01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/86-07/27/92	10	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/21/86-07/27/92	11	20.	21.818	30.	20.	16.364	4.045	20.	20.	20.	30.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/15/86-07/27/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01045	IRON, TOTAL (UG/L AS FE)	01/15/86-07/27/92	11	960.	1041.818	1800.	340.	133156.364	364.906	440.	880.	1300.	1700.
01051	LEAD, TOTAL (UG/L AS PB)	01/15/86-07/27/92	11	10.	11.636	34.	5.	75.255	8.675	5.	5.	13.	31.2
01077	SILVER, TOTAL (UG/L AS AG)	05/21/86-07/27/92	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/21/86-07/27/92	11 ##	0.2	0.2	0.2	0.2	0.	0.	0.2	0.2	0.2	0.2
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/15/86-07/27/92	11 ##	2.5	22.818	180.	2.5	2886.364	53.725	2.5	2.5	5.	153.2
71900	MERCURY, TOTAL (UG/L AS HG)	01/15/86-07/27/92	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/86-07/27/92	12	17.	15.	28.	0.	72.909	8.539	0.9	8.75	21.75	27.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/86-07/27/92	13	337.	355.769	710.	179.	14729.859	121.367	215.4	290.	378.5	582.8
00300	OXYGEN, DISSOLVED MG/L	01/15/86-07/27/92	13	7.9	7.969	10.9	5.5	3.616	1.901	5.54	6.1	9.7	10.78
00335	COD, .025N K2CR2O7 MG/L	01/15/86-07/27/92	13	12.	14.615	33.	8.	51.423	7.171	8.4	10.	15.5	30.2
00400	PH (STANDARD UNITS)	01/15/86-07/27/92	13	7.7	7.669	8.2	7.1	0.134	0.366	7.14	7.3	8.	8.16
00400	CONVERTED PH (STANDARD UNITS)	01/15/86-07/27/92	13	7.7	7.532	8.2	7.1	0.154	0.393	7.14	7.3	8.	8.16
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	13	0.02	0.029	0.079	0.006	0.001	0.024	0.007	0.01	0.05	0.073
00403	PH, LAB, STANDARD UNITS SU	01/15/86-07/27/92	13	7.8	7.8	8.	7.4	0.023	0.153	7.52	7.7	7.9	7.96
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/86-07/27/92	13	7.8	7.771	8.	7.4	0.024	0.156	7.52	7.7	7.9	7.96
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	13	0.016	0.017	0.04	0.01	0.	0.008	0.011	0.013	0.02	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	13	119.	118.385	130.	108.	43.923	6.627	109.6	112.	121.	130.
00500	RESIDUE, TOTAL (MG/L)	01/15/86-07/27/92	13	211.	214.077	243.	195.	198.91	14.104	196.2	204.5	220.	241.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/86-07/27/92	13	10.	10.077	18.	4.	14.91	3.861	4.4	7.5	13.	16.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/86-07/27/92	13	1.1	1.062	1.6	0.5	0.078	0.279	0.58	0.9	1.2	1.48
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/86-07/27/92	13	0.4	0.492	0.8	0.4	0.021	0.144	0.4	0.4	0.5	0.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/86-07/27/92	13	0.03	0.042	0.11	0.015	0.001	0.029	0.015	0.015	0.06	0.098
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/86-07/27/92	13	0.005	0.008	0.023	0.003	0.	0.007	0.003	0.003	0.012	0.02
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	13	164.	177.154	334.	154.	2276.641	47.714	155.6	159.	172.5	272.4
00910	CALCIUM (MG/L AS CACO3)	01/28/87-07/27/92	13	101.	101.769	108.	96.	9.026	3.004	97.6	100.	104.	106.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/86-07/27/92	12	1.	0.958	2.	0.5	0.294	0.542	0.5	0.5	1.	2.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/86-07/27/92	12	1.	1.417	2.	1.	0.265	0.515	1.	1.	2.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/21/86-07/27/92	12	20.	20.833	30.	20.	8.333	2.887	20.	20.	20.	27.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/15/86-07/27/92	12 ##	5.	8.333	30.	5.	65.152	8.072	5.	5.	5.	27.
01045	IRON, TOTAL (UG/L AS FE)	01/15/86-07/27/92	12	980.	1072.5	1900.	500.	151584.091	389.338	548.	890.	1325.	1810.
01051	LEAD, TOTAL (UG/L AS PB)	01/15/86-07/27/92	12	12.	14.75	44.	3.	119.477	10.931	4.2	7.25	20.	37.7
01077	SILVER, TOTAL (UG/L AS AG)	05/21/86-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/21/86-07/27/92	12 ##	0.25	0.358	1.	0.2	0.059	0.243	0.2	0.2	0.475	0.88
31648	E. COLI - MTEC-MF N0/100ML	04/28/88-07/27/92	9	150.	1157.778	9000.	10.	8664519.444	2943.556	10.	95.	370.	9000.
31648	LOG E. COLI - MTEC-MF N0/1	04/28/88-07/27/92	9	2.176	2.29	3.954	1.	0.606	0.778	1.	1.977	2.562	3.954
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			195.025								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/15/86-07/27/92	13 ##	2.5	6.346	19.	2.5	41.558	6.447	2.5	2.5	11.	19.
71900	MERCURY, TOTAL (UG/L AS HG)	01/15/86-07/27/92	12 ##	0.05	0.296	2.8	0.05	0.622	0.789	0.05	0.05	0.1	1.99

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Annual Analysis for 1989 - Station INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/86-07/27/92	12	18.95	18.392	30.5	8.	63.041	7.94	8.06	9.5	25.525	29.75
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/86-07/27/92	12	295.5	322.833	462.	282.	3219.424	56.74	282.3	284.5	367.5	438.
00300	OXYGEN, DISSOLVED MG/L	01/15/86-07/27/92	11	8.5	8.7	12.1	6.4	2.822	1.68	6.48	7.5	9.2	11.86
00335	COD, .025N K2CR2O7 MG/L	01/15/86-07/27/92	12	10.	10.583	18.	7.	9.174	3.029	7.	8.25	12.	16.5
00400	PH (STANDARD UNITS)	01/15/86-07/27/92	12	7.65	7.717	8.2	7.42	0.07	0.265	7.432	7.5	7.95	8.17

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Annual Analysis for 1989 - Station INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	CONVERTED PH (STANDARD UNITS)	01/15/86-07/27/92	12	7.647	7.652	8.2	7.42	0.075	0.274	7.432	7.5	7.95	8.17
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	12	0.023	0.022	0.038	0.006	0.	0.011	0.007	0.011	0.032	0.037
00403	PH, LAB, STANDARD UNITS SU	01/15/86-07/27/92	12	8.	7.95	8.2	7.6	0.037	0.193	7.63	7.8	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/86-07/27/92	12	8.	7.909	8.2	7.6	0.039	0.198	7.63	7.8	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	12	0.01	0.012	0.025	0.006	0.	0.006	0.006	0.008	0.016	0.024
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	12	116.	115.	120.	110.	13.455	3.668	110.	110.5	118.	119.4
00500	RESIDUE, TOTAL (MG/L)	01/15/86-07/27/92	12	208.	208.75	231.	185.	165.295	12.857	187.1	201.75	217.	228.9
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/86-07/27/92	12	8.	9.833	18.	4.	22.152	4.707	4.6	6.	14.25	17.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/86-07/27/92	12	0.65	0.742	1.3	0.4	0.095	0.309	0.4	0.5	1.025	1.27
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/86-07/27/92	12	0.4	0.4	0.5	0.3	0.004	0.06	0.3	0.4	0.4	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/86-07/27/92	12	0.04	0.039	0.09	0.015	0.	0.021	0.015	0.019	0.048	0.081
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/86-07/27/92	12 ##	0.003	0.003	0.006	0.003	0.	0.001	0.003	0.003	0.003	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	12	148.	149.	174.	140.	84.	9.165	140.	142.5	150.	168.6
00910	CALCIUM (MG/L AS CACO3)	01/28/87-07/27/92	12	101.	103.083	118.	96.	44.992	6.708	96.3	98.	107.5	116.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/86-07/27/92	12	1.	0.958	2.	0.5	0.157	0.396	0.5	0.625	1.	1.7
01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/86-07/27/92	12	1.5	1.5	2.	1.	0.273	0.522	1.	1.	2.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/21/86-07/27/92	12	20.	20.833	30.	20.	8.333	2.887	20.	20.	20.	27.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/15/86-07/27/92	12 ##	5.	7.083	30.	5.	52.083	7.217	5.	5.	5.	22.5
01045	IRON, TOTAL (UG/L AS FE)	01/15/86-07/27/92	12	1300.	1325.833	2000.	610.	140735.606	375.147	727.	1125.	1500.	1970.
01051	LEAD, TOTAL (UG/L AS PB)	01/15/86-07/27/92	12	9.	7.583	15.	3.	14.447	3.801	3.	3.	9.75	13.5
01077	SILVER, TOTAL (UG/L AS AG)	05/21/86-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/21/86-07/27/92	12 ##	0.25	0.413	2.	0.25	0.253	0.503	0.25	0.25	0.25	1.535
31648	E. COLI - MTEC-MF N0/100ML	04/28/88-07/27/92	11	90.	894.091	5300.	5.	2801314.091	1673.713	6.	10.	1100.	4780.
31648	LOG E. COLI - MTEC-MF N0/1	04/28/88-07/27/92	11	1.954	2.056	3.724	0.699	1.061	1.03	0.759	1.	3.041	3.666
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			113.722								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/15/86-07/27/92	12 ##	2.5	4.292	12.	2.5	12.384	3.519	2.5	2.5	5.125	11.7
71900	MERCURY, TOTAL (UG/L AS HG)	01/15/86-07/27/92	12 ##	0.05	0.058	0.1	0.05	0.	0.019	0.05	0.05	0.05	0.1

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Annual Analysis for 1990 - Station INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/86-07/27/92	10	18.35	18.77	28.5	10.3	46.616	6.828	10.38	11.7	25.325	28.37
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/86-07/27/92	10	326.	381.7	821.	298.	25550.011	159.844	298.	299.5	379.	781.9
00300	OXYGEN, DISSOLVED MG/L	01/15/86-07/27/92	10	8.3	8.46	12.3	5.	5.756	2.399	5.02	6.55	10.575	12.15
00335	COD, .025N K2CR2O7 MG/L	01/15/86-07/27/92	12	10.	11.	26.	6.	27.091	5.205	6.3	8.	12.5	22.1
00400	PH (STANDARD UNITS)	01/15/86-07/27/92	10	7.545	7.502	7.86	6.88	0.076	0.276	6.921	7.335	7.71	7.845
00400	CONVERTED PH (STANDARD UNITS)	01/15/86-07/27/92	10	7.545	7.406	7.86	6.88	0.086	0.293	6.921	7.335	7.71	7.845
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	10	0.029	0.039	0.132	0.014	0.001	0.034	0.014	0.019	0.046	0.124
00403	PH, LAB, STANDARD UNITS SU	01/15/86-07/27/92	12	7.9	7.825	8.3	7.3	0.058	0.242	7.39	7.7	7.9	8.21
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/86-07/27/92	12	7.9	7.759	8.3	7.3	0.063	0.251	7.39	7.7	7.9	8.21
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	12	0.013	0.017	0.05	0.005	0.	0.012	0.007	0.013	0.02	0.043
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	12	116.	116.583	122.	109.	18.992	4.358	109.3	114.	120.	122.
00500	RESIDUE, TOTAL (MG/L)	01/15/86-07/27/92	11	210.	211.455	236.	171.	387.873	19.694	175.4	201.	235.	236.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/86-07/27/92	11	9.	9.545	21.	4.	23.673	4.865	4.2	6.	12.	19.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/86-07/27/92	12	0.6	0.6	0.9	0.3	0.031	0.176	0.33	0.5	0.775	0.87
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/86-07/27/92	12	0.4	0.392	0.8	0.3	0.019	0.138	0.3	0.3	0.4	0.68
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/86-07/27/92	12	0.03	0.033	0.08	0.015	0.	0.019	0.015	0.015	0.04	0.071
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/86-07/27/92	12 ##	0.003	0.003	0.005	0.003	0.	0.001	0.003	0.003	0.003	0.004
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	12	147.	147.25	166.	120.	136.205	11.671	126.	142.25	154.5	164.8
00910	CALCIUM (MG/L AS CACO3)	01/28/87-07/27/92	12	100.	100.417	104.	92.	11.174	3.343	93.8	99.25	103.5	104.
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/86-07/27/92	12	1.3	1.167	2.	0.5	0.319	0.565	0.5	0.5	1.5	2.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/86-07/27/92	12	1.	1.167	2.	1.	0.152	0.389	1.	1.	1.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/21/86-07/27/92	12	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/15/86-07/27/92	11 ##	5.	5.455	10.	5.	2.273	1.508	5.	5.	5.	9.
01045	IRON, TOTAL (UG/L AS FE)	01/15/86-07/27/92	12	760.	815.833	2100.	180.	253244.697	503.234	189.	535.	950.	1830.

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Annual Analysis for 1990 - Station INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01051	LEAD, TOTAL (UG/L AS PB)	01/15/86-07/27/92	12 ##	3.	4.25	12.	3.	7.295	2.701	3.	3.	5.25	10.2
01077	SILVER, TOTAL (UG/L AS AG)	05/21/86-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/21/86-07/27/92	11 ##	0.25	0.264	0.4	0.25	0.002	0.045	0.25	0.25	0.25	0.37
31648	E. COLI - MTEC-MF N0/100ML	04/28/88-07/27/92	9	80.	1096.667	9300.	5.	9468918.75	3077.161	5.	12.5	170.	9300.
31648	LOG E. COLI - MTEC-MF N0/1	04/28/88-07/27/92	9	1.903	1.825	3.968	0.699	0.976	0.988	0.699	1.	2.176	3.968
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			66.884								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/15/86-07/27/92	12 ##	2.5	4.625	10.	2.5	8.46	2.909	2.5	2.5	7.5	9.7
71900	MERCURY, TOTAL (UG/L AS HG)	01/15/86-07/27/92	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085

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Annual Analysis for 1991 - Station INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/86-07/27/92	8	18.6	17.763	30.3	6.	94.7	9.731	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/86-07/27/92	8	576.5	609.75	896.	312.	63575.357	252.142	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/15/86-07/27/92	7	7.1	7.971	11.6	4.9	5.979	2.445	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/15/86-07/27/92	12	12.	15.667	42.	7.	97.333	9.866	7.6	10.25	16.	37.8
00400	PH (STANDARD UNITS)	01/15/86-07/27/92	7	7.56	7.591	8.33	6.98	0.226	0.475	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/15/86-07/27/92	7	7.56	7.401	8.33	6.98	0.268	0.518	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	7	0.028	0.04	0.105	0.005	0.001	0.036	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/15/86-07/27/92	12	7.65	7.567	8.1	6.7	0.179	0.423	6.73	7.5	7.8	8.07
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/86-07/27/92	12	7.647	7.33	8.1	6.7	0.24	0.49	6.73	7.5	7.8	8.07
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	12	0.023	0.047	0.2	0.008	0.004	0.063	0.009	0.016	0.032	0.187
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	12	116.	118.	135.	107.	88.364	9.4	107.	109.5	127.5	133.2
00500	RESIDUE, TOTAL (MG/L)	01/15/86-07/27/92	12	218.	234.167	339.	203.	1504.515	38.788	205.1	211.75	253.	318.3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/86-07/27/92	12	8.	10.167	25.	2.	61.97	7.872	2.	4.5	13.75	25.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/86-07/27/92	12	0.8	0.733	1.1	0.4	0.079	0.281	0.4	0.425	1.	1.1
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/86-07/27/92	12	0.4	0.442	0.6	0.4	0.004	0.067	0.4	0.4	0.5	0.57
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/86-07/27/92	12 ##	0.015	0.025	0.05	0.015	0.	0.015	0.015	0.015	0.04	0.05
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/86-07/27/92	12 ##	0.003	0.004	0.026	0.003	0.	0.007	0.003	0.003	0.003	0.019
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	12	153.	155.167	188.	145.	139.606	11.816	145.	147.25	160.	179.9
00910	CALCIUM (MG/L AS CACO3)	01/28/87-07/27/92	12	102.5	102.167	115.	92.	50.515	7.107	92.	96.5	108.5	113.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/86-07/27/92	12	1.	1.133	2.	0.5	0.459	0.677	0.5	0.5	2.	2.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/86-07/27/92	12	1.	0.992	1.	0.9	0.001	0.029	0.93	1.	1.	1.
01007	BARIUM, TOTAL (UG/L AS BA)	05/21/86-07/27/92	12	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/15/86-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01045	IRON, TOTAL (UG/L AS FE)	01/15/86-07/27/92	12	785.	760.833	1200.	410.	58044.697	240.925	413.	557.5	947.5	1140.
01051	LEAD, TOTAL (UG/L AS PB)	01/15/86-07/27/92	12 ##	3.	3.917	14.	3.	10.083	3.175	3.	3.	3.	10.7
01077	SILVER, TOTAL (UG/L AS AG)	05/21/86-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/21/86-07/27/92	12 ##	0.25	0.258	0.35	0.25	0.001	0.029	0.25	0.25	0.25	0.32
31648	E. COLI - MTEC-MF N0/100ML	04/28/88-07/27/92	11	350.	2855.455	15000.	40.	22092667.273	4700.284	42.	70.	3900.	13600.
31648	LOG E. COLI - MTEC-MF N0/1	04/28/88-07/27/92	11	2.544	2.779	4.176	1.602	0.82	0.906	1.621	1.845	3.591	4.121
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			600.837								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/15/86-07/27/92	11 ##	2.5	3.591	9.	2.5	5.941	2.437	2.5	2.5	2.5	8.8
71900	MERCURY, TOTAL (UG/L AS HG)	01/15/86-07/27/92	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/86-07/27/92	6	14.3	16.617	26.7	11.	41.374	6.432	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/86-07/27/92	6	311.	309.167	325.	292.	159.767	12.64	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/15/86-07/27/92	5	8.2	8.58	11.5	6.1	4.617	2.149	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00335	COD, .025N K2CR2O7 MG/L	01/15/86-07/27/92	6	12.5	12.667	16.	7.	11.067	3.327	**	**	**	**
00400	PH (STANDARD UNITS)	01/15/86-07/27/92	5	7.9	7.636	8.33	6.85	0.397	0.63	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/15/86-07/27/92	5	7.9	7.305	8.33	6.85	0.535	0.731	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	5	0.013	0.05	0.141	0.005	0.004	0.06	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/15/86-07/27/92	6	7.35	7.317	7.8	6.8	0.126	0.354	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/86-07/27/92	6	7.325	7.198	7.8	6.8	0.142	0.377	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	6	0.047	0.063	0.158	0.016	0.003	0.052	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	6	116.	115.	118.	108.	12.8	3.578	**	**	**	**
00500	RESIDUE, TOTAL (MG/L)	01/15/86-07/27/92	6	208.	225.833	317.	197.	2080.967	45.618	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/86-07/27/92	6	4.5	8.167	21.	2.	54.167	7.36	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/86-07/27/92	6	0.6	0.55	0.8	0.3	0.031	0.176	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/86-07/27/92	6	0.5	0.617	1.3	0.4	0.118	0.343	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/86-07/27/92	6 ##	0.015	0.027	0.06	0.015	0.	0.019	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/86-07/27/92	6 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	6	154.	154.333	172.	140.	123.867	11.13	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	01/28/87-07/27/92	6	102.	102.667	114.	96.	37.467	6.121	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/86-07/27/92	6	1.	1.25	2.	0.5	0.375	0.612	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/86-07/27/92	7	1.	1.086	2.	0.8	0.168	0.41	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	05/21/86-07/27/92	7	20.	20.	20.	20.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/15/86-07/27/92	7 ##	2.	3.286	5.	2.	2.571	1.604	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/15/86-07/27/92	7	860.	972.857	1600.	560.	165690.476	407.051	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/15/86-07/27/92	7 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/21/86-07/27/92	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	05/21/86-07/27/92	7 ##	0.25	0.286	0.5	0.25	0.009	0.094	**	**	**	**
31648	E. COLI - MTEC-MF N0/100ML	04/28/88-07/27/92	6	25.	99.167	440.	5.	28824.167	169.777	**	**	**	**
31648	LOG E. COLI - MTEC-MF N0/1	04/28/88-07/27/92	6	1.389	1.512	2.643	0.699	0.489	0.699	**	**	**	**
31648	GM E. COLI - MTEC-MF N0/10	GEOMETRIC MEAN =			32.544								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/15/86-07/27/92	6 ##	2.5	3.417	8.	2.5	5.042	2.245	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/15/86-07/27/92	7 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 9/16 to 1/15 - Station INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/86-07/27/92	22	16.65	15.245	26.	2.	53.025	7.282	4.2	8.8	23.	24.49
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/86-07/27/92	22	341.	394.773	887.	179.	32692.184	180.81	262.9	288.5	402.25	787.7
00300	OXYGEN, DISSOLVED MG/L	01/15/86-07/27/92	22	8.	8.2	11.5	4.9	3.519	1.876	5.33	6.875	9.525	10.9
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/86-04/21/92	11	1.6	1.755	3.5	0.5	0.895	0.946	0.5	1.2	2.6	3.38
00335	COD, .025N K2CR2O7 MG/L	01/15/86-07/27/92	25	11.	11.12	26.	5.	15.443	3.93	6.6	9.5	12.5	15.
00400	PH (STANDARD UNITS)	01/15/86-07/27/92	21	7.5	7.515	8.2	6.88	0.093	0.305	7.12	7.3	7.7	7.962
00400	CONVERTED PH (STANDARD UNITS)	01/15/86-07/27/92	21	7.5	7.417	8.2	6.88	0.103	0.321	7.12	7.3	7.7	7.962
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	21	0.032	0.038	0.132	0.006	0.001	0.028	0.011	0.02	0.05	0.076
00403	PH, LAB, STANDARD UNITS SU	01/15/86-07/27/92	25	7.7	7.66	8.	6.7	0.103	0.32	7.1	7.6	7.9	7.94
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/86-07/27/92	25	7.7	7.488	8.	6.7	0.133	0.365	7.1	7.6	7.9	7.94
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	25	0.02	0.033	0.2	0.01	0.002	0.045	0.012	0.013	0.025	0.093
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	25	117.	117.2	135.	107.	39.25	6.265	109.6	112.	120.	126.8
00500	RESIDUE, TOTAL (MG/L)	01/15/86-07/27/92	24	214.	220.667	292.	171.	666.058	25.808	192.5	206.25	234.75	260.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/86-07/27/92	24	10.5	10.313	21.	0.5	29.257	5.409	2.	6.25	13.75	18.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/86-07/27/92	25	0.8	1.936	19.	0.3	14.959	3.868	0.4	0.55	1.15	5.56
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/86-07/27/92	25	0.4	0.44	0.8	0.3	0.011	0.104	0.3	0.4	0.5	0.54
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/86-07/27/92	25	0.04	0.044	0.11	0.015	0.001	0.024	0.015	0.03	0.06	0.08
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/86-07/27/92	25 ##	0.003	0.006	0.03	0.003	0.	0.007	0.003	0.003	0.008	0.02
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	25	157.	165.04	334.	120.	1500.04	38.73	141.8	147.	172.	188.8
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/86-07/27/92	24	1.	0.938	2.	0.5	0.195	0.442	0.5	0.5	1.	1.7
01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/86-07/27/92	24	1.	1.417	2.	1.	0.254	0.504	1.	1.	2.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/21/86-07/27/92	23	20.	21.304	30.	20.	11.858	3.444	20.	20.	20.	30.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/15/86-07/27/92	23 ##	5.	8.043	30.	5.	58.498	7.648	5.	5.	5.	26.
01045	IRON, TOTAL (UG/L AS FE)	01/15/86-07/27/92	24	955.	958.333	2000.	210.	211136.232	459.496	400.	557.5	1275.	1700.
01051	LEAD, TOTAL (UG/L AS PB)	01/15/86-07/27/92	24	9.	8.375	21.	3.	27.462	5.24	3.	3.	12.75	16.
01077	SILVER, TOTAL (UG/L AS AG)	05/21/86-07/27/92	23 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/21/86-07/27/92	22 ##	0.25	0.407	2.	0.2	0.161	0.402	0.2	0.25	0.425	0.88
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/15/86-07/27/92	24 ##	2.5	12.021	166.	2.5	1105.315	33.246	2.5	2.5	8.	19.
47501	WEATHER AT TIME OF SAMPLING	05/21/86-07/27/92	20	41911.5	36429.6	81814.	10011.	427548938.989	20677.257	11826.	12933.5	42854.75	77523.
71900	MERCURY, TOTAL (UG/L AS HG)	01/15/86-07/27/92	24 ##	0.05	0.173	2.8	0.05	0.313	0.56	0.05	0.05	0.05	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/86-07/27/92	13	8.6	7.931	11.9	0.	14.674	3.831	0.4	6.	11.	11.74
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/86-07/27/92	13	349.	407.923	881.	270.	26924.577	164.087	278.8	297.5	467.	743.
00300	OXYGEN, DISSOLVED MG/L	01/15/86-07/27/92	10	10.8	10.9	12.3	9.9	0.667	0.816	9.9	10.05	11.625	12.24
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/86-04/21/92	7	1.4	1.329	2.5	0.5	0.509	0.713	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/15/86-07/27/92	13	13.	14.769	33.	7.	57.192	7.563	7.4	10.	15.5	31.
00400	PH (STANDARD UNITS)	01/15/86-07/27/92	13	7.5	7.497	8.33	6.7	0.215	0.464	6.812	7.1	7.93	8.198
00400	CONVERTED PH (STANDARD UNITS)	01/15/86-07/27/92	13	7.5	7.287	8.33	6.7	0.263	0.513	6.812	7.1	7.93	8.198
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	13	0.032	0.052	0.2	0.005	0.003	0.054	0.007	0.012	0.079	0.162
00403	PH, LAB, STANDARD UNITS SU	01/15/86-07/27/92	13	7.7	7.685	8.1	6.8	0.103	0.321	7.08	7.6	7.9	8.06
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/86-07/27/92	13	7.7	7.528	8.1	6.8	0.13	0.36	7.08	7.6	7.9	8.06
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	13	0.02	0.03	0.158	0.008	0.002	0.039	0.009	0.013	0.025	0.108
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	13	120.	119.923	130.	104.	67.077	8.19	105.2	115.5	127.5	130.
00500	RESIDUE, TOTAL (MG/L)	01/15/86-07/27/92	13	221.	306.538	1160.	197.	66916.269	258.682	202.2	212.	281.5	819.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/86-07/27/92	13	9.	11.923	37.	2.	92.41	9.613	2.	6.5	14.	32.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/86-07/27/92	12	1.	2.042	13.	0.6	12.034	3.469	0.63	0.825	1.2	9.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/86-07/27/92	13	0.4	0.408	0.5	0.4	0.001	0.028	0.4	0.4	0.4	0.46
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/86-07/27/92	13	0.05	0.045	0.11	0.015	0.001	0.029	0.015	0.015	0.05	0.102
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/86-07/27/92	13 ##	0.003	0.006	0.043	0.003	0.	0.011	0.003	0.003	0.003	0.031
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	13	156.	157.462	174.	142.	88.769	9.422	143.6	151.	163.5	173.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/86-07/27/92	13	1.	1.162	2.	0.5	0.389	0.624	0.5	0.5	2.	2.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/86-07/27/92	13	1.	1.377	2.	0.9	0.264	0.513	0.94	1.	2.	2.

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Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01007	BARIUM, TOTAL (UG/L AS BA)	05/21/86-07/27/92	12	20.	21.667	30.	20.	15.152	3.892	20.	20.	20.	30.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/15/86-07/27/92	13 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01045	IRON, TOTAL (UG/L AS FE)	01/15/86-07/27/92	13	960.	902.308	1600.	340.	107719.231	328.206	408.	610.	1050.	1440.
01051	LEAD, TOTAL (UG/L AS PB)	01/15/86-07/27/92	13 ##	5.	7.231	23.	3.	33.859	5.819	3.	3.	9.5	19.4
01077	SILVER, TOTAL (UG/L AS AG)	05/21/86-07/27/92	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/21/86-07/27/92	12 ##	0.25	0.242	0.3	0.2	0.001	0.029	0.2	0.213	0.25	0.285
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/15/86-07/27/92	13	8.	23.385	180.	2.5	2350.84	48.485	2.5	2.5	14.5	126.4
47501	WEATHER AT TIME OF SAMPLING	05/21/86-07/27/92	12	36917.	36614.917	90011.	10031.	686875200.265	26208.304	10694.	12716.25	41936.25	87200.3
71900	MERCURY, TOTAL (UG/L AS HG)	01/15/86-07/27/92	13 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05

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Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/86-07/27/92	25	17.2	18.48	30.5	9.	36.468	6.039	10.2	13.25	22.	29.08
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/86-07/27/92	25	317.	346.28	896.	217.	19199.627	138.563	232.6	284.5	362.	502.4
00300	OXYGEN, DISSOLVED MG/L	01/15/86-07/27/92	25	8.2	8.396	12.5	5.5	3.22	1.795	5.94	7.3	9.35	11.74
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/86-04/21/92	12	1.55	1.583	2.4	0.5	0.409	0.639	0.5	1.25	2.2	2.37
00335	COD, .025N K2CR2O7 MG/L	01/15/86-07/27/92	27	11.	11.741	26.	7.	18.43	4.293	7.	9.	13.	17.2
00400	PH (STANDARD UNITS)	01/15/86-07/27/92	23	7.6	7.61	8.2	6.85	0.127	0.356	7.124	7.3	7.9	8.1
00400	CONVERTED PH (STANDARD UNITS)	01/15/86-07/27/92	23	7.6	7.468	8.2	6.85	0.148	0.385	7.124	7.3	7.9	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	23	0.025	0.034	0.141	0.006	0.001	0.031	0.008	0.013	0.05	0.075
00403	PH, LAB, STANDARD UNITS SU	01/15/86-07/27/92	27	7.8	7.804	8.2	7.2	0.05	0.224	7.5	7.7	7.9	8.12
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/86-07/27/92	27	7.8	7.743	8.2	7.2	0.054	0.233	7.5	7.7	7.9	8.12
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	27	0.016	0.018	0.063	0.006	0.	0.011	0.008	0.013	0.02	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	27	117.	116.963	129.	108.	24.422	4.942	110.	112.	120.	122.8
00500	RESIDUE, TOTAL (MG/L)	01/15/86-07/27/92	27	213.	216.926	317.	185.	586.687	24.222	199.	205.	222.	234.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/86-07/27/92	27	8.	9.556	25.	4.	32.641	5.713	4.	5.	12.	21.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/86-07/27/92	27	0.7	0.822	2.4	0.4	0.168	0.41	0.48	0.6	1.1	1.22
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/86-07/27/92	27	0.4	0.456	1.3	0.3	0.039	0.197	0.3	0.4	0.5	0.64
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/86-07/27/92	27	0.03	0.032	0.06	0.015	0.	0.016	0.015	0.015	0.04	0.06
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/86-07/27/92	27 ##	0.003	0.004	0.012	0.003	0.	0.003	0.003	0.003	0.003	0.009
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	27	150.	152.111	172.	140.	76.41	8.741	140.	146.	160.	164.6
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/86-07/27/92	25 ##	0.5	0.88	2.	0.5	0.277	0.526	0.5	0.5	1.	2.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/86-07/27/92	27	1.	1.467	2.	0.8	0.276	0.526	0.9	1.	2.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/21/86-07/27/92	26	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/15/86-07/27/92	28 ##	5.	4.679	5.	2.	0.893	0.945	2.	5.	5.	5.
01045	IRON, TOTAL (UG/L AS FE)	01/15/86-07/27/92	28	975.	1087.5	2100.	500.	145737.963	381.756	663.	802.5	1300.	1630.
01051	LEAD, TOTAL (UG/L AS PB)	01/15/86-07/27/92	28 ##	5.	7.429	44.	3.	67.661	8.226	3.	3.	9.75	12.8
01077	SILVER, TOTAL (UG/L AS AG)	05/21/86-07/27/92	26 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/21/86-07/27/92	26 ##	0.25	0.269	0.5	0.2	0.008	0.092	0.2	0.2	0.25	0.465
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/15/86-07/27/92	27 ##	2.5	4.037	12.	2.5	8.46	2.909	2.5	2.5	5.	9.4
47501	WEATHER AT TIME OF SAMPLING	05/21/86-07/27/92	22	25263.	23583.682	52913.	10004.	166955142.037	12921.112	10161.3	11302.25	31914.	40800.
71900	MERCURY, TOTAL (UG/L AS HG)	01/15/86-07/27/92	28 ##	0.05	0.057	0.1	0.05	0.	0.018	0.05	0.05	0.05	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/15/86-07/27/92	11	26.7	25.245	30.3	18.	15.341	3.917	18.4	22.	28.	29.94
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/15/86-07/27/92	12	307.5	310.083	372.	230.	1522.629	39.021	241.1	299.25	330.75	371.4
00300	OXYGEN, DISSOLVED MG/L	01/15/86-07/27/92	12	6.45	6.308	7.5	5.2	0.608	0.78	5.29	5.6	7.	7.41
00310	BOD, 5 DAY, 20 DEG C MG/L	02/19/86-04/21/92	6	1.5	1.9	4.9	0.5	2.42	1.556	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00335	COD, .025N K2CR2O7 MG/L	01/15/86-07/27/92	13	13.	15.654	42.	2.5	101.308	10.065	4.3	9.5	18.	36.4
00400	PH (STANDARD UNITS)	01/15/86-07/27/92	12	7.575	7.628	8.33	7.1	0.108	0.328	7.16	7.38	7.875	8.201
00400	CONVERTED PH (STANDARD UNITS)	01/15/86-07/27/92	12	7.574	7.526	8.33	7.1	0.119	0.345	7.16	7.38	7.875	8.201
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	12	0.027	0.03	0.079	0.005	0.	0.021	0.007	0.013	0.042	0.071
00403	PH, LAB, STANDARD UNITS SU	01/15/86-07/27/92	13	7.7	7.738	8.3	7.1	0.094	0.307	7.22	7.6	7.95	8.22
00403	CONVERTED PH, LAB, STANDARD UNITS	01/15/86-07/27/92	13	7.7	7.634	8.3	7.1	0.106	0.326	7.22	7.6	7.95	8.22
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/15/86-07/27/92	13	0.02	0.023	0.079	0.005	0.	0.019	0.006	0.011	0.026	0.064
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	13	114.	114.308	130.	94.	80.731	8.985	99.6	109.5	121.	127.6
00500	RESIDUE, TOTAL (MG/L)	01/15/86-07/27/92	13	207.	218.538	339.	197.	1409.436	37.542	197.4	202.5	216.	297.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/86-07/27/92	13	6.	5.846	13.	1.	8.641	2.94	1.4	4.5	7.	11.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/15/86-07/27/92	13	0.7	0.669	1.1	0.3	0.064	0.253	0.34	0.45	0.85	1.06
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/15/86-07/27/92	13	0.4	0.431	0.8	0.3	0.016	0.125	0.3	0.4	0.45	0.68
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/15/86-07/27/92	13 ##	0.015	0.031	0.11	0.015	0.001	0.027	0.015	0.015	0.035	0.09
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/86-07/27/92	13	0.005	0.007	0.026	0.003	0.	0.006	0.003	0.003	0.008	0.02
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/15/86-07/27/92	13	146.	150.462	190.	130.	209.269	14.466	134.	145.	155.	179.6
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/19/86-07/27/92	12 ##	0.5	0.875	2.	0.5	0.46	0.678	0.5	0.5	1.625	2.
01002	ARSENIC, TOTAL (UG/L AS AS)	01/15/86-07/27/92	12	1.	1.333	2.	1.	0.242	0.492	1.	1.	2.	2.
01007	BARIUM, TOTAL (UG/L AS BA)	05/21/86-07/27/92	13	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/15/86-07/27/92	13 ##	5.	4.769	5.	2.	0.692	0.832	3.2	5.	5.	5.
01045	IRON, TOTAL (UG/L AS FE)	01/15/86-07/27/92	13	680.	834.615	1900.	180.	283360.256	532.316	204.	420.	1025.	1860.
01051	LEAD, TOTAL (UG/L AS PB)	01/15/86-07/27/92	13 ##	5.	7.462	34.	3.	70.769	8.412	3.	3.	9.	24.4
01077	SILVER, TOTAL (UG/L AS AG)	05/21/86-07/27/92	13 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01147	SELENIUM, TOTAL (UG/L AS SE)	05/21/86-07/27/92	13 ##	0.25	0.215	0.3	0.1	0.003	0.059	0.1	0.2	0.25	0.28
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/15/86-07/27/92	13 ##	2.5	3.154	6.	2.5	1.599	1.265	2.5	2.5	3.75	5.6
47501	WEATHER AT TIME OF SAMPLING	05/21/86-07/27/92	10	12711.	19115.7	42913.	10405.	162839142.678	12760.844	10476.	11631.75	26927.5	42845.2
71900	MERCURY, TOTAL (UG/L AS HG)	01/15/86-07/27/92	13 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.08

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0322

NPS Station ID: INDU0322 LAT/LON: 41.562115/ -87.375865 Agency: 11COECHI Date Created: 08/21/82
Location: LITTLE CALUMET R RM 12.9 (FROM LAKE MICHIGAN) FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CLI31179
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 07120003 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 07120003 RF1 Mile Point: 0.000 Distance from RF1: 19.40 On/Off RF1:
RF3 Index: 07120003000613.60 RF3 Mile Point: 13.60 Distance from RF3: 0.03 On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT CORPS OF ENGINEERS TO DETERMINE THE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM THE LITTLE CALUMET RIVER IN INDIANA. SEDIMENT WAS COLLECTED WITH A SPLIT SPOON SAMPLER. SAMPLE DEPTH IS RELATIVE TO MEAN SEA LEVEL. RIVER

Parameter Inventory for Station: INDU0322

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0323

NPS Station ID: INDU0323 LAT/LON: 41.608337/ -87.379170 Agency: 1115GLSB Date Created: 05/01/82
Location: GRAND CALUMET RIVER AT BRIDGE STREET FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GCR80-02 /GCR80-02S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04040001010 RF1 Mile Point: 9.460 Distance from RF1: 1.10 On/Off RF1: ON
RF3 Index: 04040001038800.00 RF3 Mile Point: 0.91 Distance from RF3: 0.06 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE GRAND CALUMET RIVER SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE GRAND CALUMET RIVER AT BRIDGE STREET

Parameter Inventory for Station: INDU0323

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	12/04/80-12/04/80	2	145850.	145850.	161800.	129900.	508805000.	22556.706	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	12/04/80-12/04/80	2	62450.	62450.	80500.	44400.	651605000.	25526.555	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	12/04/80-12/04/80	2	136.5	136.5	180.	93.	3784.5	61.518	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	12/04/80-12/04/80	2	1900.	1900.	2000.	1800.	20000.	141.421	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/04/80-12/04/80	2	975.	975.	1400.	550.	361250.	601.041	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	12/04/80-12/04/80	2	55.8	55.8	60.1	51.5	36.98	6.081	**	**	**	**
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	12/04/80-12/04/80	2	25.5	25.5	32.	19.	84.5	9.192	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	12/04/80-12/04/80	2	3.7	3.7	5.	2.4	3.38	1.838	**	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	12/04/80-12/04/80	2 ##	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/80-12/04/80	2	21.65	21.65	34.	9.3	305.045	17.466	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	12/04/80-12/04/80	2	96.	96.	98.	94.	8.	2.828	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	12/04/80-12/04/80	2 ##	0.9	0.9	1.3	0.5	0.32	0.566	**	**	**	**
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	12/04/80-12/04/80	2 ##	33.5	33.5	40.	27.	84.5	9.192	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	2	3.65	3.65	5.7	1.6	8.405	2.899	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	2	57.5	57.5	72.	43.	420.5	20.506	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	12/04/80-12/04/80	2	9.5	9.5	14.	5.	40.5	6.364	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/80-12/04/80	2	120.	120.	130.	110.	200.	14.142	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/80-12/04/80	2	775.	775.	1000.	550.	101250.	318.198	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/80-12/04/80	2	2525.	2525.	4100.	950.	4961250.	2227.386	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	12/04/80-12/04/80	2 ##	21.	21.	37.	5.	512.	22.627	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	2	46.5	46.5	71.	22.	1200.5	34.648	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/04/80-12/04/80	2 ##	0.825	0.825	1.5	0.15	0.911	0.955	**	**	**	**
01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	12/04/80-12/04/80	2	26.5	26.5	38.	15.	264.5	16.263	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/80-12/04/80	2	3000.	3000.	4900.	1100.	7220000.	2687.006	**	**	**	**
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	12/04/80-12/04/80	2 ##	27.	27.	34.	20.	98.	9.899	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	12/04/80-12/04/80	2	6450.	6450.	9600.	3300.	19845000.	4454.773	**	**	**	**
01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	12/04/80-12/04/80	2	205.	205.	280.	130.	11250.	106.066	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/04/80-12/04/80	2	143500.	143500.	250000.	37000.	22684500000.	150613.744	**	**	**	**
32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	12/04/80-12/04/80	2	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/04/80-12/04/80	2	17500.	17500.	19000.	16000.	4500000.	2121.32	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/04/80-12/04/80	2 ##	500.	500.	500.	500.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0323

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
45514	YTTRIUM IN SEDIMENT (MG/KG AS YTTRIUM DRY WT)	12/04/80-12/04/80	2	6.2	6.2	8.1	4.3	7.22	2.687	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/80-12/04/80	2	0.7	0.7	1.2	0.2	0.5	0.707	**	**	**	**
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	12/04/80-12/04/80	2	49.95	49.95	51.2	48.7	3.125	1.768	**	**	**	**
81900	SEDIMENT CORE SAMPLE,UPPER DEPTH,REPORT IN INCHES	12/04/80-12/04/80	2	85.	85.	91.	79.	72.	8.485	**	**	**	**
81901	SEDIMENT CORE SAMPLE, LOWER DEPTH,REPORT IN INCHES	12/04/80-12/04/80	2	89.5	89.5	96.	83.	84.5	9.192	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	12/04/80-12/04/80	2	38.05	38.05	60.9	15.2	1044.245	32.315	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0324

NPS Station ID: INDU0324
LAT/LON: 41.611671/ -87.382504
Agency: 112WRD
Date Created: 06/22/85
Location: US.STEEL OUTFALL #13 @ GARY,IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413642087225700
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 9.360
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 15.25
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0324

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0325

NPS Station ID: INDU0325 | LAT/LON: 41.602782/ -87.383337 | Agency: 12PURDUE | Date Created: 05/19/78
Location: INDIANA TOLL ROAD BRIDGE A | FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 007EFC
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 04040001 | Depth of Water: 3276 | Aquifer:
Major Basin: LAKE MICHIGAN | Elevation: 0 | Water Body Id:
Minor Basin: GALIEN | ECO Region:
RF1 Index: 04040001010 | RF1 Mile Point: 8.970 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 04040001020800.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.32 | On/Off RF3:
Description:
DATA FR PURDUE UNIV, ENV FLOW OF CADMIUM + OTHER TRALE METALS SAMPLES AT HIGH AND LOW FLOW CONDITIONS, 6/30/73 AND 7/1/73 RESPECTIVELY
SAMPLE DATES ASSIGNED ARBITRARILY TO DISTINGUISH, ALL SAMPLING WAS CARRIED OUT IN JUNE OR JULY OF 73, EXACT DATES UNKNOWN

Parameter Inventory for Station: INDU0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/11/73-07/28/73	4	0.2	0.256	0.6	0.025	0.066	0.257	**	**	**	**
01026	CADMIUM, SUSPENDED (UG/L AS CD)	06/11/73-07/28/73	4 ##	0.063	0.163	0.5	0.025	0.052	0.228	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/11/73-07/28/73	4 ##	0.513	1.763	6.	0.025	8.192	2.862	**	**	**	**
01050	LEAD, SUSPENDED (UG/L AS PB)	06/11/73-07/28/73	4	36.	36.	43.	29.	32.667	5.715	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/11/73-07/28/73	4	32.5	35.5	51.	26.	117.667	10.847	**	**	**	**
01091	ZINC, SUSPENDED (UG/L ZN)	06/11/73-07/28/73	4	80.5	78.5	92.	61.	193.667	13.916	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0325

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00							2	0	0.00	2	0	0.00
		Drinking Water	5.	4	0	0.00							2	0	0.00	2	0	0.00
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	4	0	0.00							2	0	0.00	2	0	0.00
		Drinking Water	5.	4	0	0.00							2	0	0.00	2	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00							2	0	0.00	2	0	0.00
		Drinking Water	5.	4	1	0.25							2	0	0.00	2	1	0.50
01050	LEAD, SUSPENDED	Fresh Acute	82.	4	0	0.00							2	0	0.00	2	0	0.00
		Drinking Water	5.	4	4	1.00							2	2	1.00	2	2	1.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00							2	0	0.00	2	0	0.00
01091	ZINC, SUSPENDED	Fresh Acute	120.	4	0	0.00							2	0	0.00	2	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0326

NPS Station ID: INDU0326
LAT/LON: 41.611948/ -87.384170
Agency: 21INDN
Date Created: / /
Location: U.S. STEEL GARY WORKS GARY
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/IND/TREATD/INTAKE/ESTURY
STORET Station ID(s): 313916
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin: 08 WESTERN GREAT LAKES
Elevation: 0
Water Body Id:
Minor Basin: 49 CALUMET-BURNS DITCH
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 9.360
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 14.72
Distance from RF3: 0.01
On/Off RF3:
Description:
OUTFALL ST17 034

Parameter Inventory for Station: INDU0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/01/72-03/31/73	238	18.	18.298	30.	5.	29.923	5.47	11.	14.	24.	25.
00056	FLOW, RATE GALLONS/DAY	02/01/72-03/31/73	240	29300000.	29456250.	38700000.	15900000.	**********	5328878.702	22600000.	25500000.	33500000.	36700000.
00400	PH (STANDARD UNITS)	02/01/72-03/31/73	238	7.5	7.389	11.5	2.9	0.561	0.749	6.5	7.1	7.8	8.1
00400	CONVERTED PH (STANDARD UNITS)	02/01/72-03/31/73	238	7.5	5.223	11.5	2.9	5.272	2.296	6.5	7.1	7.8	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/01/72-03/31/73	238	0.032	5.987	1258.925	0.	6718.804	81.968	0.008	0.016	0.079	0.316
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/01/72-03/31/73	238	22.	24.647	80.	1.	225.276	15.009	8.	12.75	32.25	46.
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	02/01/72-03/31/73	238	5.	6.172	50.	0.	32.59	5.709	1.	3.	8.	11.
74010	IRON, TOTAL (MG/L AS FE)	02/01/72-03/31/73	238	2.3	4.469	175.2	0.1	147.3	12.137	0.89	1.3	4.05	8.12
85002	SOLIDS, SUSPENDED - (#/DAY)	02/01/72-03/31/73	238	5135.	5964.618	20800.	306.	14356896.119	3789.05	1857.	3212.5	7917.5	10575.8
85012	IRON, TOTAL - (#/DAY)	02/01/72-03/31/73	238	536.5	1088.954	48500.	30.	10857120.432	3295.014	211.5	318.75	914.75	1712.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0326

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00400	PH	Other-Hi Lim.	9.	238	1	0.00	74	0	0.00	52	0	0.00	76	1	0.01	36	0	0.00
		Other-Lo Lim.	6.5	238	24	0.10	74	6	0.08	52	8	0.15	76	6	0.08	36	4	0.11

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0327

NPS Station ID: INDU0327
LAT/LON: 41.530560/ -87.385281
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR08W31 NWSE S
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413150087230701
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 07120003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 07120003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 07120003019200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.51
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0327

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/13/61-12/13/61	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	12/13/61-12/13/61	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/13/61-12/13/61	1	236.	236.	236.	236.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/13/61-12/13/61	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/13/61-12/13/61	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/13/61-12/13/61	1	3000.	3000.	3000.	3000.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/13/61-12/13/61	1	352.	352.	352.	352.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0327

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0328

NPS Station ID: INDU0328 | LAT/LON: 41.609170/ -87.387505 | Agency: 1115G050 | Date Created: / /
Location: GRAND CALUMET R. + PENNA RR | FIPS State/County: 18000 INDIANA/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 170141 /CAL01
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 04040001 | Depth of Water: 2 | Aquifer:
Major Basin: ILLINOIS RIVER SYSTEM | Elevation: 0 | Water Body Id:
Minor Basin: LAKE MICHIGAN CALUMET BURNSDITCH | WL 49 | ECO Region:
RF1 Index: 04040001010 | RF1 Mile Point: 9.220 | Distance from RF1: 13.10 | On/Off RF1: ON
RF3 Index: 04040001000300.05 | RF3 Mile Point: 9.03 | Distance from RF3: 0.98 | On/Off RF3:
Description:
STATION IS LOCATED ON GRAND CALUMET RIVER AT PENNSYLVANIA RAILROAD BRIDGE. IT IS ON THE DOWNSTREAM SIDE OF THE BRIDGE. IT IS 10.90 MILES FROM THE JUNCTION WITH LITTLE CALUMET-CALUMET RIVER, AND IS 8.90 MILES FROM LAKE MICHIGAN. FLOW IS USUALLY TO LAKE MICHIGAN. ILLINOIS RIVER SYSTEM MILEAGE 336.60.

Parameter Inventory for Station: INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/65-01/16/73	239	20.	19.305	32.	6.	46.709	6.834	10.	13.	26.	28.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/24/70-12/16/70	3	9.	12.867	29.	0.6	212.853	14.589	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/24/70-12/16/70	3	10.	16.	35.	3.	283.	16.823	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/23/66-09/09/71	189	370.	382.413	765.	300.	4138.701	64.333	330.	350.	395.	430.
00300	OXYGEN, DISSOLVED MG/L	06/24/65-08/25/71	220	6.	5.947	10.	0.1	4.323	2.079	3.	4.725	7.3	8.7
00310	BOD, 5 DAY, 20 DEG C MG/L	06/24/65-09/09/71	206	7.55	7.835	26.	0.3	11.84	3.441	3.37	5.7	9.925	12.
00340	COD, .25N K2CR2O7 MG/L	06/24/65-01/16/73	229	29.	32.803	152.	5.	402.431	20.061	14.	21.	40.	52.
00400	PH (STANDARD UNITS)	06/24/65-01/16/73	240	6.9	6.951	8.6	3.6	0.222	0.471	6.5	6.8	7.2	7.4
00400	CONVERTED PH (STANDARD UNITS)	06/24/65-01/16/73	240	6.9	5.816	8.6	3.6	1.516	1.231	6.5	6.8	7.2	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/65-01/16/73	240	0.126	1.527	251.189	0.003	288.104	16.974	0.04	0.063	0.158	0.316
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/06/66-09/26/67	52	104.	98.423	157.	21.	625.896	25.018	61.	88.75	111.	122.7
00505	RESIDUE, TOTAL VOLATILE (MG/L)	08/12/66-09/14/66	2	212.5	212.5	225.	200.	312.5	17.678	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/01/65-01/16/73	225	230.	233.044	458.	109.	1270.177	35.64	200.	214.	245.	270.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/60-01/16/73	227	49.	64.11	842.	3.	5322.479	72.955	15.4	29.	72.	122.6
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/15/60-11/07/72	100	4.55	8.04	257.	0.5	653.261	25.559	2.	2.5	6.55	10.93
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/24/65-01/27/71	158	0.5	0.616	3.71	0.	0.269	0.519	0.1	0.3	0.8	1.3
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/65-01/16/73	187	1.5	1.72	4.9	0.4	0.585	0.765	0.996	1.3	1.9	2.92
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/24/65-09/09/71	169	0.43	0.616	10.	0.09	0.988	0.994	0.2	0.3	0.6	0.9
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	04/24/70-12/16/70	3	9.	12.85	29.	0.55	213.467	14.611	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/24/65-09/20/67	119	0.32	0.437	4.4	0.09	0.216	0.465	0.15	0.22	0.49	0.85
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/24/65-09/20/67	119	0.04	0.07	0.4	0.	0.006	0.075	0.02	0.02	0.08	0.18
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/26/67-09/09/71	106	0.1	0.156	1.06	0.016	0.033	0.182	0.042	0.062	0.148	0.322
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/26/67-04/17/68	13	0.013	0.028	0.223	0.002	0.003	0.059	0.002	0.009	0.017	0.141
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/60-01/16/73	235	0.3	0.355	1.3	0.	0.068	0.26	0.06	0.16	0.49	0.66
00929	SODIUM, TOTAL (MG/L AS NA)	04/24/70-04/29/70	2	8.	8.	9.	7.	2.	1.414	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	04/24/70-04/29/70	2	4.25	4.25	4.3	4.2	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/23/66-01/16/73	137	19.	20.606	48.	10.	44.579	6.677	14.	16.	24.	29.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/65-01/16/73	234	46.5	50.594	235.	7.	674.422	25.97	32.	38.	54.	70.
00951	FLUORIDE, TOTAL (MG/L AS F)	04/24/70-04/29/70	2	0.635	0.635	0.7	0.57	0.008	0.092	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/15/71-12/29/71	3	9.	11.	15.	9.	12.	3.464	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/03/67-04/29/70	3	31.	22.667	37.	0.	394.333	19.858	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01027	CADMIUM, TOTAL (UG/L AS CD)	04/24/70-11/02/72	15	1.	1.72	4.	0.	3.062	1.75	0.	0.2	4.	4.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/24/70-01/11/73	17	24.	57.471	284.	0.	5979.265	77.326	0.	7.	85.5	209.6
01042	COPPER, TOTAL (UG/L AS CU)	04/24/70-11/02/72	14	111.5	150.	516.	7.5	18175.654	134.817	7.5	56.75	215.5	392.
01045	IRON, TOTAL (UG/L AS FE)	06/24/65-01/11/73	229	10600.	17496.245	109000.	1050.	345832719.168	18596.578	3800.	6100.	22000.	39000.
01046	IRON, DISSOLVED (UG/L AS FE)	01/17/68-09/09/71	100	300.	595.56	10750.	0.	1700589.38	1304.066	10.	160.	547.5	912.
01051	LEAD, TOTAL (UG/L AS PB)	04/24/70-11/02/72	15	43.	59.133	158.	25.	1526.552	39.071	25.	25.	70.	138.8
01055	MANGANESE, TOTAL (UG/L AS MN)	04/24/70-01/11/73	6	123.	149.167	361.	74.	11445.767	106.985	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/24/70-11/02/72	14	18.	20.714	51.	0.	185.451	13.618	1.5	14.	26.5	46.
01092	ZINC, TOTAL (UG/L AS ZN)	04/24/70-01/11/73	17	226.	294.118	980.	91.	44786.11	211.627	107.8	162.5	388.	606.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/65-09/09/71	210	6000.	52397.5	2100000.	100.45342794522.548		212938.476	464.	1900.	18000.	98500.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/65-09/09/71	210	3.778	3.807	6.322	2.	0.708	0.841	2.666	3.279	4.255	4.993
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6415.865								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/05/66-09/09/71	186	745.	4107.608	73000.	5.	111581228.705	10563.202	60.	165.	2850.	8650.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/05/66-09/09/71	186	2.871	2.86	4.863	0.699	0.718	0.847	1.778	2.217	3.455	3.937
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			724.281								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	212	195.	663.75	29000.	4.	4851866.823	2202.695	20.	70.	600.	1200.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	212	2.29	2.266	4.462	0.602	0.484	0.696	1.301	1.845	2.778	3.079
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			184.645								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/65-01/16/73	240	42.5	78.729	601.	0.	9384.525	96.874	13.	22.	88.75	212.
35260	INVALID PARAMETER	01/17/67-01/17/67	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
37230	INVALID PARAMETER	05/25/67-05/25/67	1	51.	51.	51.	51.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/23/66-09/09/71	132	0.13	0.146	0.65	0.05	0.005	0.068	0.083	0.1	0.17	0.217
38280	INVALID PARAMETER	05/05/67-05/05/67	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
40032	INVALID PARAMETER	12/15/71-12/29/71	3	7.1	7.033	7.1	6.9	0.013	0.115	**	**	**	**
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	08/10/71-08/10/71	1	19.	19.	19.	19.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/26/71-01/11/73	7	0.6	0.657	1.3	0.2	0.166	0.408	**	**	**	**
73000	NITROGEN + ARGON, DISS. BY GAS CHROMATOGRAPH ML/L	12/15/71-12/29/71	3	62.	55.667	67.	38.	240.333	15.503	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0328

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00				2	0	0.00			
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	220	43	0.20	65	4	0.06	38	1	0.03	74	18	0.24	43	20	0.47
00400	PH	Other-Hi Lim.	9.	240	0	0.00	74	0	0.00	39	0	0.00	80	0	0.00	47	0	0.00
		Other-Lo Lim.	6.5	240	25	0.10	74	6	0.08	39	8	0.21	80	5	0.06	47	6	0.13
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	169	1	0.01	52	0	0.00	26	0	0.00	53	1	0.02	38	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	235	216	0.92	74	69	0.93	41	41	1.00	74	70	0.95	46	36	0.78
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	137	0	0.00	38	0	0.00	22	0	0.00	48	0	0.00	29	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	234	0	0.00	71	0	0.00	39	0	0.00	77	0	0.00	47	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00	3	0	0.00									
		Drinking Water	50.	3	0	0.00	3	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	3	0	0.00							2	0	0.00	1	0	0.00
		Drinking Water	50.	3	0	0.00							2	0	0.00	1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	10 &	0	0.00				2	0	0.00	8	0	0.00			
		Drinking Water	5.	15	0	0.00	2	0	0.00	2	0	0.00	8	0	0.00	3	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	17	3	0.18	4	1	0.25	2	0	0.00	8	2	0.25	3	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	14	12	0.86	2	1	0.50	2	2	1.00	7	7	1.00	3	2	0.67
		Drinking Water	1300.	14	0	0.00	2	0	0.00	2	0	0.00	7	0	0.00	3	0	0.00
01051	LEAD, TOTAL	Fresh Acute	82.	15	3	0.20	2	1	0.50	2	0	0.00	8	2	0.25	3	0	0.00
		Drinking Water	5.	11 &	11	1.00	1	1	1.00	2	2	1.00	8	8	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	14	0	0.00	2	0	0.00	2	0	0.00	7	0	0.00	3	0	0.00
		Drinking Water	100.	14	0	0.00	2	0	0.00	2	0	0.00	7	0	0.00	3	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	17	15	0.88	4	4	1.00	2	2	1.00	8	7	0.88	3	2	0.67
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	210	175	0.83	63	54	0.86	36	20	0.56	69	62	0.90	42	39	0.93
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	185 &	136	0.74	48	34	0.71	36	20	0.56	67	53	0.79	34	29	0.85
71900	MERCURY, TOTAL	Fresh Acute	2.4	7	0	0.00	4	0	0.00							3	0	0.00
		Drinking Water	2.	7	0	0.00	4	0	0.00							3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1960 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/60-01/16/73	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/15/60-11/07/72	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/60-01/16/73	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1965 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/65-01/16/73	28	23.	22.179	31.	12.	40.522	6.366	12.9	15.5	27.75	29.2
00300	OXYGEN, DISSOLVED MG/L	06/24/65-08/25/71	28	4.35	4.571	8.7	1.1	4.348	2.085	1.65	3.425	5.9	7.84
00310	BOD, 5 DAY, 20 DEG C MG/L	06/24/65-09/09/71	28	9.6	10.111	17.	5.7	9.026	3.004	6.76	7.5	12.	15.
00340	COD, .25N K2CR2O7 MG/L	06/24/65-01/16/73	28	33.5	42.179	152.	8.	1213.337	34.833	14.6	18.25	49.5	85.3
00400	PH (STANDARD UNITS)	06/24/65-01/16/73	28	6.9	6.764	7.5	4.1	0.351	0.592	6.38	6.625	7.06	7.2
00400	CONVERTED PH (STANDARD UNITS)	06/24/65-01/16/73	28	6.9	5.523	7.5	4.1	1.948	1.396	6.38	6.625	7.06	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/65-01/16/73	28	0.126	3.001	79.433	0.032	224.393	14.98	0.063	0.087	0.238	0.421
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/01/65-01/16/73	18	225.	225.778	364.	170.	1878.536	43.342	179.	193.75	241.25	279.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/60-01/16/73	19	39.	46.579	130.	10.	685.813	26.188	26.	29.	55.	81.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/24/65-01/27/71	28	0.75	1.114	3.71	0.06	0.766	0.875	0.127	0.425	1.835	2.136
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/65-01/16/73	28	1.425	1.539	3.7	0.87	0.281	0.53	1.088	1.325	1.588	2.3
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/24/65-09/09/71	28	0.685	1.144	7.5	0.32	2.114	1.454	0.395	0.5	0.938	2.885
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/60-01/16/73	26	0.02	0.113	0.8	0.	0.035	0.188	0.	0.	0.173	0.364
00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/65-01/16/73	28	49.	58.536	186.	29.	1085.295	32.944	32.	41.25	60.5	98.5
01045	IRON, TOTAL (UG/L AS FE)	06/24/65-01/11/73	28	6150.	8636.429	29000.	2200.	52525697.884	7247.461	2880.	4047.5	9712.5	23140.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/65-09/09/71	26	100500.	219665.385	1940000.	5000.156	211506353.846	395236.013	7050.	27000.	197500.	618000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/65-09/09/71	26	5.002	4.897	6.288	3.699	0.454	0.674	3.842	4.427	5.295	5.788
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			78884.669								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	26	850.	2381.538	29000.	70.	33319517.538	5772.306	100.	305.	1647.5	5450.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	26	2.929	2.886	4.462	1.845	0.372	0.61	2.	2.474	3.217	3.681
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			769.054								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/65-01/16/73	27	23.	73.778	392.	0.	11374.256	106.65	11.6	18.	64.	306.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/65-01/16/73	52	19.	19.615	32.	10.	47.379	6.883	11.	13.	25.	30.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/23/66-09/09/71	45	380.	394.956	765.	308.	4870.316	69.788	350.	365.	400.	437.
00300	OXYGEN, DISSOLVED MG/L	06/24/65-08/25/71	52	5.35	5.423	9.	1.5	4.005	2.001	2.7	3.775	6.975	8.34
00310	BOD, 5 DAY, 20 DEG C MG/L	06/24/65-09/09/71	52	8.25	8.319	16.	2.4	9.891	3.145	4.15	5.9	10.	13.
00340	COD, .25N K2CR2O7 MG/L	06/24/65-01/16/73	52	29.5	30.692	55.	14.	71.198	8.438	22.3	24.25	35.	43.
00400	PH (STANDARD UNITS)	06/24/65-01/16/73	52	6.8	6.823	8.	3.6	0.306	0.553	6.53	6.7	7.075	7.27
00400	CONVERTED PH (STANDARD UNITS)	06/24/65-01/16/73	52	6.8	5.302	8.	3.6	2.666	1.633	6.53	6.7	7.075	7.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/65-01/16/73	52	0.158	4.992	251.189	0.01	1211.81	34.811	0.054	0.085	0.2	0.297
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/01/65-01/16/73	52	230.	236.865	380.	109.	1491.609	38.621	201.5	220.	245.	289.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/60-01/16/73	52	65.	70.808	195.	29.	1103.256	33.215	35.	47.5	82.25	121.7
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/24/65-01/27/71	52	0.4	0.435	1.2	0.	0.069	0.264	0.1	0.3	0.6	0.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/65-01/16/73	52	1.9	2.267	4.4	0.88	0.914	0.956	1.2	1.525	3.1	3.85
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/24/65-09/09/71	52	0.525	0.709	10.	0.09	1.782	1.335	0.222	0.35	0.688	0.9
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/60-01/16/73	52	0.25	0.275	0.63	0.	0.029	0.171	0.073	0.15	0.4	0.547
00940	CHLORIDE,TOTAL IN WATER MG/L	02/23/66-01/16/73	45	18.	19.289	40.	10.	29.846	5.463	15.	16.	20.5	27.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/65-01/16/73	52	54.	59.712	200.	37.	655.503	25.603	42.	46.	65.5	74.7
01045	IRON, TOTAL (UG/L AS FE)	06/24/65-01/11/73	52	6650.	12290.385	40000.	2500.	117896180.241	10858.001	3060.	4900.	19750.	33000.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/65-09/09/71	52	10000.	60801.923	2100000.	100.8	3932406466.818	289710.902	2390.	5325.	23750.	79700.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/65-09/09/71	52	4.	4.053	6.322	2.	0.404	0.636	3.378	3.726	4.374	4.901
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11309.611								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/05/66-09/09/71	52	2050.	6728.365	71000.	5.	153382087.962	12384.752	558.	887.5	6025.	17700.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/05/66-09/09/71	52	3.311	3.381	4.851	0.699	0.467	0.684	2.746	2.948	3.779	4.248
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2401.853								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	51	390.	614.51	4000.	10.	603310.255	776.73	106.	210.	700.	1000.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	51	2.591	2.585	3.602	1.	0.187	0.432	2.023	2.322	2.845	3.
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			384.173								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/65-01/16/73	51	54.	86.745	320.	8.	5373.394	73.303	14.8	28.	129.	210.8
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/23/66-09/09/71	45	0.13	0.137	0.28	0.07	0.002	0.041	0.096	0.105	0.15	0.204

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1967 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/65-01/16/73	45	20.	19.6	28.	9.	47.245	6.874	10.	12.	26.	28.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/23/66-09/09/71	44	377.5	374.75	525.	320.	1447.866	38.051	330.	346.25	393.75	420.
00300	OXYGEN, DISSOLVED MG/L	06/24/65-08/25/71	43	5.4	5.093	8.1	0.1	3.661	1.913	2.04	3.9	6.4	7.5
00310	BOD, 5 DAY, 20 DEG C MG/L	06/24/65-09/09/71	42	7.15	7.533	12.	3.1	7.311	2.704	3.96	5.3	9.925	11.7
00340	COD, .25N K2CR2O7 MG/L	06/24/65-01/16/73	45	35.	41.178	114.	14.	493.013	22.204	19.2	24.5	52.	74.2
00400	PH (STANDARD UNITS)	06/24/65-01/16/73	44	6.9	6.963	8.6	6.03	0.21	0.459	6.4	6.7	7.2	7.575
00400	CONVERTED PH (STANDARD UNITS)	06/24/65-01/16/73	44	6.9	6.754	8.6	6.03	0.255	0.505	6.4	6.7	7.2	7.575
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/65-01/16/73	44	0.126	0.176	0.933	0.003	0.041	0.203	0.027	0.063	0.2	0.398
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/01/65-01/16/73	44	234.	244.091	458.	112.	2779.247	52.719	203.	214.25	258.75	289.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/60-01/16/73	44	76.5	111.5	842.	12.	16276.628	127.58	29.	44.	149.	193.5
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/15/60-11/07/72	4	9.	10.45	22.	1.8	71.937	8.482	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/24/65-01/27/71	43	0.5	0.57	1.6	0.	0.119	0.345	0.14	0.4	0.7	0.96
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/65-01/16/73	45	1.6	1.76	4.9	1.	0.384	0.62	1.26	1.45	1.9	2.22
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/24/65-09/09/71	44	0.315	0.369	1.2	0.09	0.045	0.211	0.145	0.263	0.45	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/26/67-09/09/71	6	0.133	0.19	0.356	0.105	0.012	0.112	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/60-01/16/73	44	0.335	0.347	0.66	0.07	0.02	0.14	0.15	0.26	0.46	0.545
00940	CHLORIDE,TOTAL IN WATER MG/L	02/23/66-01/16/73	44	19.5	20.818	41.	12.	41.175	6.417	13.	16.	23.75	30.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/65-01/16/73	44	49.	59.023	235.	22.	1388.302	37.26	35.	42.	60.5	94.5
01045	IRON, TOTAL (UG/L AS FE)	06/24/65-01/11/73	45	26000.	36555.556	109000.	5400.	831454797.98	28834.958	8840.	10500.	60500.	76200.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/65-09/09/71	43	6300.	23418.605	330000.	1500.	2929143455.15	54121.562	2300.	4000.	10000.	59000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/65-09/09/71	43	3.799	3.934	5.519	3.176	0.278	0.528	3.362	3.602	4.	4.767
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8598.91								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/05/66-09/09/71	43	1500.	5743.953	73000.	50.	153464357.807	12388.073	400.	700.	3800.	16000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/05/66-09/09/71	43	3.176	3.286	4.863	1.699	0.382	0.618	2.602	2.845	3.58	4.199
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1930.898								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	44	275.	646.364	5000.	10.	1085763.214	1042.	60.	122.5	600.	2400.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	44	2.439	2.453	3.699	1.	0.314	0.561	1.778	2.088	2.778	3.38
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			283.719								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/65-01/16/73	45	71.	146.867	601.	1.	25457.027	159.553	11.8	23.5	283.5	401.8
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/23/66-09/09/71	44	0.15	0.159	0.34	0.05	0.004	0.062	0.085	0.115	0.198	0.235

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/65-01/16/73	38	21.	21.711	30.	9.	31.509	5.613	13.	18.	26.25	29.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/23/66-09/09/71	38	355.	356.711	400.	310.	549.022	23.431	325.	338.75	372.5	395.
00300	OXYGEN, DISSOLVED MG/L	06/24/65-08/25/71	37	6.2	6.17	8.6	1.4	2.113	1.454	4.56	5.3	7.05	8.32

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00310	BOD, 5 DAY, 20 DEG C MG/L	06/24/65-09/09/71	35	7.	7.671	26.	0.3	15.302	3.912	4.64	5.8	8.8	11.
00340	COD, .25N K2CR2O7 MG/L	06/24/65-01/16/73	38	34.5	33.868	61.	16.	120.334	10.97	19.9	24.75	40.5	50.1
00400	PH (STANDARD UNITS)	06/24/65-01/16/73	38	6.875	6.884	7.8	6.	0.194	0.441	6.2	6.575	7.2	7.43
00400	CONVERTED PH (STANDARD UNITS)	06/24/65-01/16/73	38	6.874	6.681	7.8	6.	0.237	0.487	6.2	6.575	7.2	7.43
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/65-01/16/73	38	0.134	0.209	1.	0.016	0.049	0.221	0.038	0.063	0.267	0.631
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/01/65-01/16/73	38	231.5	229.684	258.	203.	220.438	14.847	209.9	218.	240.	252.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/60-01/16/73	38	50.	50.974	104.	6.	436.783	20.899	29.	35.75	63.25	81.2
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/15/60-11/07/72	33	5.8	6.227	27.	1.	24.638	4.964	2.28	3.8	6.7	8.66
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/24/65-01/27/71	11	0.5	0.463	0.9	0.	0.07	0.264	0.04	0.3	0.6	0.88
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/65-01/16/73	12	1.5	1.523	2.	0.98	0.095	0.308	1.016	1.35	1.7	2.
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/24/65-09/09/71	12	0.37	0.392	0.65	0.2	0.015	0.122	0.215	0.335	0.475	0.614
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/26/67-09/09/71	38	0.097	0.148	1.06	0.033	0.034	0.185	0.039	0.059	0.138	0.283
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/60-01/16/73	37	0.44	0.451	1.2	0.12	0.06	0.245	0.182	0.265	0.565	0.762
00940	CHLORIDE,TOTAL IN WATER MG/L	02/23/66-01/16/73	12	17.5	20.75	42.	10.	100.932	10.046	10.	12.75	26.75	39.9
00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/65-01/16/73	38	43.	42.974	68.	25.	105.107	10.252	31.9	35.	50.	55.3
01045	IRON, TOTAL (UG/L AS FE)	06/24/65-01/11/73	38	16000.	17695.263	51500.	6500.	65651555.334	8102.565	9980.	11750.	21700.	27350.
01046	IRON, DISSOLVED (UG/L AS FE)	01/17/68-09/09/71	37	260.	437.459	3400.	0.	326841.7	571.701	64.	170.	560.	756.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/65-09/09/71	36	2450.	26319.028	450000.	250.	7049325805.456	83960.263	449.5	925.	9500.	50000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/65-09/09/71	36	3.382	3.548	5.653	2.398	0.602	0.776	2.652	2.966	3.976	4.699
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3532.938								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/05/66-09/09/71	36	200.	3563.333	60000.	30.	145451365.714	12060.322	50.	100.	725.	5670.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/05/66-09/09/71	36	2.301	2.53	4.778	1.477	0.609	0.78	1.699	2.	2.852	3.743
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			338.637								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	36	85.	229.306	2400.	20.	252911.647	502.903	23.5	50.	157.5	468.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	36	1.929	1.97	3.38	1.301	0.233	0.482	1.369	1.699	2.193	2.566
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			93.386								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/65-01/16/73	37	33.	56.243	333.	2.	5156.356	71.808	12.2	18.	52.5	156.8
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/23/66-09/09/71	12	0.105	0.12	0.23	0.05	0.003	0.052	0.059	0.08	0.168	0.215

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Annual Analysis for 1969 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/65-01/16/73	33	18.	17.576	29.	9.	30.064	5.483	11.	13.	21.5	25.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/23/66-09/09/71	33	355.	364.182	470.	305.	1282.591	35.813	331.4	342.5	373.5	410.
00300	OXYGEN, DISSOLVED MG/L	06/24/65-08/25/71	33	7.	7.309	9.6	4.4	1.924	1.387	5.6	6.15	8.5	9.32
00310	BOD, 5 DAY, 20 DEG C MG/L	06/24/65-09/09/71	25	8.6	8.432	15.	2.7	11.426	3.38	3.18	6.4	11.	12.8
00340	COD, .25N K2CR2O7 MG/L	06/24/65-01/16/73	32	28.	32.156	72.	13.	216.588	14.717	15.	25.	37.75	54.8
00400	PH (STANDARD UNITS)	06/24/65-01/16/73	33	7.15	7.194	7.9	6.8	0.096	0.31	6.8	6.975	7.4	7.7
00400	CONVERTED PH (STANDARD UNITS)	06/24/65-01/16/73	33	7.15	7.102	7.9	6.8	0.105	0.323	6.8	6.975	7.4	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/65-01/16/73	33	0.071	0.079	0.158	0.013	0.002	0.047	0.02	0.04	0.106	0.158
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/01/65-01/16/73	33	235.	236.273	286.	198.	423.642	20.583	211.4	221.	247.5	270.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/60-01/16/73	33	45.	55.697	250.	3.	2450.53	49.503	17.6	22.	61.	122.8
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/15/60-11/07/72	30	4.85	13.817	257.	1.	2120.324	46.047	1.64	2.875	8.675	11.18
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/24/65-01/27/71	10	0.45	0.445	0.8	0.	0.075	0.273	0.01	0.25	0.712	0.795
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/65-01/16/73	10	1.4	1.475	2.8	0.85	0.286	0.535	0.855	1.2	1.55	2.69
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/24/65-09/09/71	10	0.55	0.678	1.8	0.16	0.245	0.495	0.173	0.313	0.9	1.74
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/26/67-09/09/71	32	0.109	0.17	0.703	0.051	0.031	0.175	0.061	0.085	0.16	0.542
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/60-01/16/73	33	0.25	0.318	1.3	0.06	0.07	0.265	0.084	0.12	0.47	0.66
00940	CHLORIDE,TOTAL IN WATER MG/L	02/23/66-01/16/73	10	20.	20.	30.	12.	24.667	4.967	12.4	16.75	22.75	29.5
00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/65-01/16/73	33	33.	38.727	72.	20.	196.767	14.027	24.4	26.	51.5	59.6
01045	IRON, TOTAL (UG/L AS FE)	06/24/65-01/11/73	33	10500.	15068.182	80500.	4000.	191422159.091	13835.54	5780.	8250.	16750.	24800.
01046	IRON, DISSOLVED (UG/L AS FE)	01/17/68-09/09/71	33	300.	528.788	5450.	0.	861379.735	928.105	40.	200.	455.	824.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/65-09/09/71	31	2300.	4363.548	35000.	200.	49049783.656	7003.555	210.	700.	4000.	14800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/65-09/09/71	31	3.362	3.256	4.544	2.301	0.372	0.61	2.322	2.845	3.602	4.163
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1801.762								

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Annual Analysis for 1969 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/05/66-09/09/71	31	170.	901.452	10000.	5.	4758171.989	2181.323	34.	90.	500.	2300.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/05/66-09/09/71	31	2.23	2.325	4.	0.699	0.515	0.717	1.521	1.954	2.699	3.34
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			211.116								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	31	90.	267.258	2500.	5.	254888.065	504.864	12.	30.	200.	930.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	31	1.954	1.962	3.398	0.699	0.415	0.645	1.06	1.477	2.301	2.963
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			91.691								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/65-01/16/73	32	33.5	43.813	119.	12.	677.964	26.038	14.	28.25	57.5	89.8
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/23/66-09/09/71	10	0.12	0.18	0.65	0.09	0.029	0.169	0.091	0.1	0.173	0.606

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Annual Analysis for 1970 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/65-01/16/73	18	11.5	14.611	31.	8.	52.958	7.277	8.9	10.	20.5	26.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/23/66-09/09/71	18	367.5	375.333	430.	305.	1170.824	34.217	336.5	350.	402.5	430.
00300	OXYGEN, DISSOLVED MG/L	06/24/65-08/25/71	17	8.3	7.935	9.9	5.2	2.761	1.662	5.36	6.4	9.35	9.66
00310	BOD, 5 DAY, 20 DEG C MG/L	06/24/65-09/09/71	13	5.7	4.962	8.5	1.4	4.921	2.218	1.68	3.05	6.8	7.98
00340	COD, .25N K2CR2O7 MG/L	06/24/65-01/16/73	14	15.	22.643	96.	10.	486.863	22.065	10.	12.	26.5	62.5
00400	PH (STANDARD UNITS)	06/24/65-01/16/73	18	6.95	6.961	7.75	6.3	0.099	0.315	6.57	6.8	7.2	7.345
00400	CONVERTED PH (STANDARD UNITS)	06/24/65-01/16/73	18	6.947	6.859	7.75	6.3	0.11	0.332	6.57	6.8	7.2	7.345
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/65-01/16/73	18	0.113	0.138	0.501	0.018	0.012	0.107	0.047	0.063	0.158	0.276
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/01/65-01/16/73	18	224.	227.944	267.	190.	592.997	24.352	191.8	212.75	250.75	266.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/60-01/16/73	18	26.5	52.5	442.	10.	9681.324	98.394	16.3	20.	35.5	117.1
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/15/60-11/07/72	17	3.	4.159	14.	0.5	14.45	3.801	0.9	2.05	4.75	13.2
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/24/65-01/27/71	11	0.7	0.708	1.3	0.1	0.16	0.399	0.112	0.4	1.1	1.266
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/65-01/16/73	12	1.1	1.23	2.1	0.9	0.128	0.358	0.9	0.97	1.375	1.98
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/24/65-09/09/71	12	0.305	0.33	0.56	0.15	0.013	0.115	0.174	0.25	0.41	0.533
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/26/67-09/09/71	18	0.069	0.184	0.908	0.031	0.057	0.239	0.044	0.06	0.233	0.71
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/60-01/16/73	11	0.372	0.382	0.85	0.08	0.043	0.207	0.092	0.23	0.49	0.782
00940	CHLORIDE,TOTAL IN WATER MG/L	02/23/66-01/16/73	10	23.5	24.9	33.	17.	33.656	5.801	17.1	20.25	30.	33.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/65-01/16/73	18	41.5	39.611	68.	7.	221.075	14.869	14.2	34.	48.25	55.4
01045	IRON, TOTAL (UG/L AS FE)	06/24/65-01/11/73	16	10450.	15175.	60000.	3500.	189089666.667	13750.988	4340.	6812.5	21250.	36410.
01046	IRON, DISSOLVED (UG/L AS FE)	01/17/68-09/09/71	18	375.	1262.222	10750.	0.	6906900.654	2628.098	45.	95.	985.	5530.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/65-09/09/71	13	700.	1610.769	6200.	170.	4534841.026	2129.517	202.	280.	2650.	5880.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/65-09/09/71	13	2.845	2.888	3.792	2.23	0.28	0.53	2.297	2.446	3.346	3.768
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			772.403								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/05/66-09/09/71	14	110.	272.143	1100.	20.	107602.747	328.029	20.	27.5	520.	875.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/05/66-09/09/71	14	2.034	2.074	3.041	1.301	0.388	0.623	1.301	1.433	2.716	2.927
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			118.603								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	14	22.5	37.143	190.	5.	2264.286	47.585	7.5	10.	42.5	130.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	14	1.349	1.363	2.279	0.699	0.173	0.415	0.849	1.	1.626	2.062
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			23.053								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/65-01/16/73	18	47.5	52.222	105.	11.	729.359	27.007	11.	34.75	68.75	99.6
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/23/66-09/09/71	10	0.14	0.146	0.22	0.07	0.002	0.042	0.075	0.128	0.17	0.218

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Annual Analysis for 1971 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/65-01/16/73	17	20.	17.588	28.	6.	61.382	7.835	6.8	9.	24.5	27.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/23/66-09/09/71	11	570.	516.818	660.	300.	17491.364	132.255	316.	390.	650.	658.
00300	OXYGEN, DISSOLVED MG/L	06/24/65-08/25/71	10	6.95	7.49	10.	4.4	4.097	2.024	4.54	5.95	9.925	10.
00310	BOD, 5 DAY, 20 DEG C MG/L	06/24/65-09/09/71	11	2.6	3.464	7.	2.	3.733	1.932	2.	2.	4.2	7.

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Annual Analysis for 1971 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00340	COD, .25N K2CR2O7 MG/L	06/24/65-01/16/73	12	10.5	12.25	24.	5.	31.841	5.643	5.6	7.5	16.	22.5
00400	PH (STANDARD UNITS)	06/24/65-01/16/73	19	7.2	7.236	7.8	6.8	0.067	0.258	6.9	7.	7.4	7.55
00400	CONVERTED PH (STANDARD UNITS)	06/24/65-01/16/73	19	7.2	7.169	7.8	6.8	0.071	0.267	6.9	7.	7.4	7.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/65-01/16/73	19	0.063	0.068	0.158	0.016	0.001	0.037	0.028	0.04	0.1	0.126
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/01/65-01/16/73	14	209.	213.286	250.	188.	422.989	20.567	188.5	195.	228.	248.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/60-01/16/73	14 ##	10.	15.143	36.	10.	66.132	8.132	10.	10.	21.25	30.5
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/15/60-11/07/72	11 ##	2.5	5.1	22.	2.5	33.438	5.783	2.5	2.5	5.7	18.82
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	06/24/65-01/27/71	3	0.5	0.567	1.2	0.	0.363	0.603	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/65-01/16/73	20	1.3	1.265	2.5	0.4	0.211	0.459	0.7	0.913	1.475	1.79
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/24/65-09/09/71	11	0.32	0.316	0.45	0.15	0.012	0.108	0.16	0.24	0.43	0.448
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/26/67-09/09/71	12	0.047	0.087	0.435	0.016	0.013	0.115	0.018	0.029	0.107	0.343
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/60-01/16/73	23	0.55	0.625	1.27	0.01	0.14	0.375	0.036	0.38	0.91	1.2
00940	CHLORIDE,TOTAL IN WATER MG/L	02/23/66-01/16/73	12	19.	21.25	48.	13.	93.659	9.678	13.	15.	24.25	42.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/65-01/16/73	13	40.	40.077	55.	32.	47.91	6.922	32.	33.5	45.	52.2
01045	IRON, TOTAL (UG/L AS FE)	06/24/65-01/11/73	13	2700.	4181.538	11000.	1050.	9131680.769	3021.867	1310.	1980.	6800.	9740.
01046	IRON, DISSOLVED (UG/L AS FE)	01/17/68-09/09/71	12	70.	266.667	1040.	10.	112787.879	335.839	10.	10.	540.	893.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/65-09/09/71	9	570.	2197.778	7900.	100.	10334869.444	3214.789	100.	250.	4700.	7900.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/65-09/09/71	9	2.756	2.893	3.898	2.	0.453	0.673	2.	2.389	3.558	3.898
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			782.219								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/05/66-09/09/71	10	92.5	711.5	4300.	40.	1854355.833	1361.747	42.	67.5	852.5	4040.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/05/66-09/09/71	10	1.965	2.27	3.633	1.602	0.477	0.691	1.62	1.828	2.875	3.593
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			186.157								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	10	13.	195.5	930.	4.	128819.833	358.915	4.1	8.75	307.5	918.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	10	1.113	1.485	2.968	0.602	0.761	0.872	0.612	0.925	2.337	2.962
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			30.552								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/65-01/16/73	22	65.5	52.545	109.	7.	1101.688	33.192	10.6	13.	78.5	87.7
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	02/23/66-09/09/71	11	0.1	0.124	0.2	0.08	0.002	0.045	0.08	0.09	0.17	0.198

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/65-01/16/73	6	17.5	17.333	26.	7.	63.067	7.941	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	06/24/65-01/16/73	6	12.	13.667	21.	7.	33.067	5.75	**	**	**	**
00400	PH (STANDARD UNITS)	06/24/65-01/16/73	6	7.1	7.067	7.2	6.8	0.027	0.163	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/24/65-01/16/73	6	7.089	7.04	7.2	6.8	0.028	0.166	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/65-01/16/73	6	0.082	0.091	0.158	0.063	0.001	0.038	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/01/65-01/16/73	6	205.	205.	230.	190.	230.	15.166	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/60-01/16/73	6 ##	10.	11.667	20.	10.	16.667	4.082	**	**	**	**
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/15/60-11/07/72	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/65-01/16/73	6	0.99	0.97	1.1	0.8	0.01	0.099	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/60-01/16/73	6	0.635	0.61	0.87	0.29	0.046	0.214	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/23/66-01/16/73	2	21.5	21.5	25.	18.	24.5	4.95	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/65-01/16/73	6	44.	43.667	49.	38.	26.667	5.164	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/24/65-01/11/73	3	2330.	2963.333	4580.	1980.	1990833.333	1410.969	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/65-01/16/73	6	24.	28.	56.	7.	370.4	19.246	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/65-01/16/73	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	06/24/65-01/16/73	2	10.	10.	11.	9.	2.	1.414	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	06/24/65-01/16/73	2	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/24/65-01/16/73	2	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/65-01/16/73	2	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/01/65-01/16/73	2	235.	235.	240.	230.	50.	7.071	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/60-01/16/73	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/65-01/16/73	2	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/60-01/16/73	2	0.57	0.57	0.65	0.49	0.013	0.113	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/23/66-01/16/73	2	21.5	21.5	24.	19.	12.5	3.536	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/65-01/16/73	2	45.5	45.5	50.	41.	40.5	6.364	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/24/65-01/11/73	1	5000.	5000.	5000.	5000.	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/65-01/16/73	2	61.5	61.5	64.	59.	12.5	3.536	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 9/16 to 1/15 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/65-01/16/73	74	16.5	16.77	28.	7.	31.248	5.59	9.	12.	21.	24.5
00300	OXYGEN, DISSOLVED MG/L	06/24/65-08/25/71	65	6.3	6.506	9.9	2.7	2.379	1.542	4.76	5.55	7.45	8.64
00310	BOD, 5 DAY, 20 DEG C MG/L	06/24/65-09/09/71	60	7.4	7.998	17.	1.4	12.283	3.505	3.12	5.7	11.	12.9
00340	COD, .25N K2CR2O7 MG/L	06/24/65-01/16/73	71	27.	32.099	152.	7.	603.033	24.557	13.	17.	39.	51.2
00400	PH (STANDARD UNITS)	06/24/65-01/16/73	74	6.9	6.968	7.8	6.2	0.097	0.311	6.6	6.8	7.2	7.35
00400	CONVERTED PH (STANDARD UNITS)	06/24/65-01/16/73	74	6.9	6.869	7.8	6.2	0.107	0.327	6.6	6.8	7.2	7.35
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/65-01/16/73	74	0.126	0.135	0.631	0.016	0.009	0.097	0.045	0.063	0.158	0.251
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/01/65-01/16/73	71	223.	226.662	458.	109.	1527.456	39.083	195.8	210.	236.	263.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/60-01/16/73	72	47.	58.5	236.	10.	2013.859	44.876	13.2	25.	80.75	124.1
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/15/60-11/07/72	29	4.3	5.61	22.	1.	21.054	4.588	1.5	2.5	7.25	13.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/65-01/16/73	58	1.45	1.568	4.9	0.8	0.402	0.634	0.998	1.175	1.7	2.3
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/24/65-09/09/71	52	0.525	0.581	2.8	0.14	0.158	0.398	0.215	0.305	0.788	0.9
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/60-01/16/73	74	0.31	0.385	1.2	0.	0.081	0.284	0.07	0.165	0.513	0.795
00940	CHLORIDE,TOTAL IN WATER MG/L	02/23/66-01/16/73	38	20.	21.184	42.	10.	39.722	6.303	15.	16.	25.	27.6
00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/65-01/16/73	71	47.	48.38	130.	17.	291.582	17.076	32.	38.	54.	66.8
01045	IRON, TOTAL (UG/L AS FE)	06/24/65-01/11/73	68	10700.	16033.529	60000.	2200.	159703250.044	12637.375	3090.	6125.	23825.	33100.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/65-09/09/71	63	7500.	72368.571	1940000.	210.	65373015515.668	255681.473	744.	1800.	33000.	174000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/65-09/09/71	63	3.875	3.935	6.288	2.322	0.779	0.882	2.87	3.255	4.519	5.238
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8616.488								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	63	190.	1059.603	29000.	5.	14648367.985	3827.319	27.	75.	700.	1260.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	63	2.279	2.331	4.462	0.699	0.522	0.723	1.43	1.875	2.845	3.1
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			214.27								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/65-01/16/73	72	43.5	75.944	432.	7.	8265.603	90.915	15.3	27.25	70.75	190.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/65-01/16/73	40	11.	11.025	13.	6.	2.281	1.51	9.	10.	12.	13.
00300	OXYGEN, DISSOLVED MG/L	06/24/65-08/25/71	38	8.3	8.153	10.	1.4	2.466	1.57	6.56	7.45	9.225	9.6
00310	BOD, 5 DAY, 20 DEG C MG/L	06/24/65-09/09/71	34	6.65	7.365	15.	2.4	9.46	3.076	3.35	5.15	9.825	12.
00340	COD, .25N K2CR2O7 MG/L	06/24/65-01/16/73	40	29.	36.85	114.	7.	549.054	23.432	12.2	22.5	43.75	72.3
00400	PH (STANDARD UNITS)	06/24/65-01/16/73	39	6.9	6.917	7.8	6.	0.196	0.443	6.3	6.6	7.1	7.6
00400	CONVERTED PH (STANDARD UNITS)	06/24/65-01/16/73	39	6.9	6.707	7.8	6.	0.241	0.491	6.3	6.6	7.1	7.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/65-01/16/73	39	0.126	0.196	1.	0.016	0.047	0.216	0.025	0.079	0.251	0.501
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/01/65-01/16/73	39	240.	237.641	290.	112.	940.71	30.671	210.	228.	253.	280.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/60-01/16/73	39	61.	86.641	442.	10.	6245.815	79.03	25.	36.	108.	192.
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/15/60-11/07/72	18	4.8	4.967	11.2	2.	6.809	2.609	2.09	2.45	5.875	9.94
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/65-01/16/73	30	1.55	1.68	2.8	0.9	0.249	0.499	1.	1.375	2.	2.49
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/24/65-09/09/71	26	0.39	0.46	1.3	0.15	0.063	0.252	0.24	0.29	0.528	0.88
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/60-01/16/73	41	0.39	0.382	0.91	0.08	0.035	0.187	0.124	0.255	0.545	0.63
00940	CHLORIDE,TOTAL IN WATER MG/L	02/23/66-01/16/73	22	27.	27.182	48.	14.	73.394	8.567	17.3	19.75	31.25	40.7
00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/65-01/16/73	39	48.	52.538	140.	22.	465.255	21.57	33.	40.	64.	72.
01045	IRON, TOTAL (UG/L AS FE)	06/24/65-01/11/73	39	14500.	28032.051	109000.	4200.	697496906.208	26410.167	6100.	9500.	49000.	65000.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/65-09/09/71	36	2050.	4771.667	43000.	200.	66078597.143	8128.874	207.	300.	6525.	10000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/65-09/09/71	36	3.309	3.208	4.633	2.301	0.477	0.69	2.316	2.477	3.812	4.
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1614.08								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	37	130.	318.784	2300.	5.	209486.674	457.697	10.	20.	450.	968.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	37	2.114	2.024	3.362	0.699	0.56	0.748	1.	1.301	2.653	2.986
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			105.788								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/65-01/16/73	41	109.	170.341	601.	32.	19148.33	138.377	46.2	69.	248.5	386.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/65-01/16/73	76	21.	21.303	32.	11.	27.201	5.215	13.7	17.	25.	28.
00300	OXYGEN, DISSOLVED MG/L	06/24/65-08/25/71	74	5.7	5.368	8.9	0.1	3.29	1.814	2.5	4.45	6.5	7.55
00310	BOD, 5 DAY, 20 DEG C MG/L	06/24/65-09/09/71	69	8.7	8.803	26.	0.3	12.791	3.576	5.1	6.8	10.5	12.
00340	COD, .25N K2CR2O7 MG/L	06/24/65-01/16/73	72	30.	34.931	96.	10.	252.573	15.893	20.	25.	41.75	53.4
00400	PH (STANDARD UNITS)	06/24/65-01/16/73	80	6.975	6.956	8.	3.6	0.27	0.519	6.6	6.8	7.2	7.4
00400	CONVERTED PH (STANDARD UNITS)	06/24/65-01/16/73	80	6.974	5.484	8.	3.6	2.464	1.57	6.6	6.8	7.2	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/65-01/16/73	80	0.106	3.279	251.189	0.01	787.834	28.068	0.04	0.063	0.158	0.251
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/01/65-01/16/73	73	235.	242.329	385.	190.	1177.724	34.318	212.	221.5	248.	279.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/60-01/16/73	73	54.	75.219	842.	6.	10203.007	101.01	22.8	35.5	75.5	131.6
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/15/60-11/07/72	35	5.	13.44	257.	0.5	1823.827	42.706	1.92	3.	8.6	16.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/65-01/16/73	60	1.625	1.882	4.4	0.85	0.647	0.805	1.1	1.4	2.075	3.3
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/24/65-09/09/71	53	0.38	0.768	10.	0.09	2.714	1.647	0.188	0.285	0.55	1.2
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/60-01/16/73	74	0.315	0.377	1.3	0.	0.079	0.281	0.08	0.17	0.528	0.715
00940	CHLORIDE,TOTAL IN WATER MG/L	02/23/66-01/16/73	48	19.	19.854	33.	10.	26.17	5.116	14.7	17.	22.	27.2
00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/65-01/16/73	77	45.	50.987	235.	7.	1213.381	34.834	25.	35.	53.	71.8
01045	IRON, TOTAL (UG/L AS FE)	06/24/65-01/11/73	75	11000.	18490.267	107000.	2500.	427898037.766	20685.696	4680.	6500.	22000.	41000.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/65-09/09/71	69	5600.	26498.623	330000.	100.	3097757036.679	55657.498	900.	2550.	15000.	80000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/65-09/09/71	69	3.748	3.823	5.519	2.	0.54	0.735	2.954	3.404	4.175	4.903
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6651.301								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	69	210.	603.841	5000.	5.	1053021.43	1026.168	20.	65.	500.	2500.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	69	2.322	2.287	3.699	0.699	0.477	0.69	1.301	1.812	2.699	3.398
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			193.789								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/65-01/16/73	80	37.5	60.5	338.	0.	3922.684	62.631	13.	26.	74.25	132.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/65-01/16/73	49	27.	26.796	31.	19.	9.082	3.014	22.	26.	29.	30.
00300	OXYGEN, DISSOLVED MG/L	06/24/65-08/25/71	43	4.2	4.149	7.2	1.1	2.241	1.497	1.9	3.	5.2	6.06
00310	BOD, 5 DAY, 20 DEG C MG/L	06/24/65-09/09/71	43	6.9	6.426	15.	2.	8.603	2.933	2.	4.1	8.1	10.
00340	COD, .25N K2CR2O7 MG/L	06/24/65-01/16/73	46	27.	27.043	59.	5.	170.087	13.042	9.7	16.75	34.	47.9
00400	PH (STANDARD UNITS)	06/24/65-01/16/73	47	7.	6.945	8.6	4.1	0.372	0.61	6.5	6.7	7.2	7.51
00400	CONVERTED PH (STANDARD UNITS)	06/24/65-01/16/73	47	7.	5.735	8.6	4.1	1.869	1.367	6.5	6.7	7.2	7.51
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/24/65-01/16/73	47	0.1	1.841	79.433	0.003	133.756	11.565	0.031	0.063	0.2	0.316
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/01/65-01/16/73	42	220.	223.429	364.	178.	1052.739	32.446	191.5	202.5	237.	250.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/15/60-01/16/73	43	33.	34.209	84.	3.	438.598	20.943	10.	10.	49.	66.
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	01/15/60-11/07/72	18	2.6	4.528	22.	1.	21.977	4.688	2.35	2.5	5.975	8.68
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/24/65-01/16/73	39	1.4	1.725	4.2	0.4	0.986	0.993	0.85	1.2	1.8	3.7
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/24/65-09/09/71	38	0.44	0.557	3.65	0.09	0.357	0.597	0.168	0.32	0.57	0.84
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/15/60-01/16/73	46	0.19	0.246	0.93	0.	0.046	0.216	0.01	0.053	0.395	0.546
00940	CHLORIDE,TOTAL IN WATER MG/L	02/23/66-01/16/73	29	16.	16.103	25.	12.	8.667	2.944	13.	14.	16.5	20.
00945	SULFATE, TOTAL (MG/L AS SO4)	06/24/65-01/16/73	47	47.	51.681	186.	26.	571.092	23.898	33.6	40.	54.	66.6
01045	IRON, TOTAL (UG/L AS FE)	06/24/65-01/11/73	47	7900.	9283.83	30000.	1050.	49170180.666	7012.145	2116.	4190.	11000.	20520.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/65-09/09/71	42	9000.	105811.19	2100000.	100.120	430853113.182	347031.487	1940.	4325.	47000.	345300.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/65-09/09/71	42	3.954	4.103	6.322	2.	0.698	0.835	3.281	3.635	4.672	5.459
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12680.639								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	43	200.	476.744	3500.	4.	485036.909	696.446	61.	110.	610.	1180.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/30/65-09/09/71	43	2.301	2.346	3.544	0.602	0.343	0.586	1.782	2.041	2.785	3.068
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			221.881								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	06/24/65-01/16/73	47	19.	34.106	304.	1.	2508.358	50.084	7.8	12.	33.	77.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0329

NPS Station ID: INDU0329
LAT/LON: 41.608892/ -87.388338
Agency: 112WRD
Date Created: 06/22/85
Location: GARY STP @ GARY, IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413632087231800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 9.220
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 13.98
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0329

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0330

NPS Station ID: INDU0330 LAT/LON: 41.565948/ -87.391227 Agency: 11COECHI Date Created: 08/21/82
Location: LITTLE CALUMET R RM 12.4 (FROM LAKE MICHIGAN) FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): CLI31279
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 07120003 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 07120003 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 07120003000613.90 RF3 Mile Point: 13.92 Distance from RF3: 0.06 On/Off RF3:
Description:
THE PURPOSE OF THIS SAMPLING PROGRAM WAS TO PROVIDE SEDIMENT AND WATER QUALITY DATA FOR THE CHICAGO DISTRICT CORPS OF ENGINEERS TO DETERMINE THE APPROPRIATE MEANS OF DISPOSAL FOR MATERIAL TO BE DREDGED FROM THE LITTLE CALUMET RIVER IN INDIANA. SEDIMENT WAS COLLECTED WITH A SPLIT SPOON SAMPLER. SAMPLE DEPTH IS RELATIVE TO MEAN SEA LEVEL. RIVER

Parameter Inventory for Station: INDU0330

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0331

NPS Station ID: INDU0331 LAT/LON: 41.608004/ -87.393892 Agency: 21IND Date Created: / /
Location: GRAND CALUMET & INDUSTRIAL, US HWY 12 AT MP 18.4 FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 170158 /GCR 41
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: CALUMET-BURNS DITCH COMPLEX ECO Region:
RF1 Index: 04040001010 RF1 Mile Point: 8.460 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 07120003000607.78 RF3 Mile Point: 11.59 Distance from RF3: 0.01 On/Off RF3:
Description:
STATION IS LOCATED ON GRAND CALUMET RIVER AT INDUSTRIAL HWY, US HWY 12 ON DOWNSTREAM SIDE OF BRIDGE. IT IS 10.5 MI FROM THE JUNCTION WITH LITTLE CALUMET-CALUMET RIVER AND 8.9 MILES FROM LAKE MICH, BY WAY OF INDIANA HARBOR CANAL, AT MI POINT 18.4

Parameter Inventory for Station: INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	334	18.	17.563	32.	3.	47.232	6.873	9.	12.	23.	27.
00060	FLOW, STREAM, MEAN DAILY CFS	01/04/67-05/09/68	33	10.	12.273	38.	5.	63.08	7.942	5.	7.	15.5	24.2
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/65-12/30/69	130	30.	46.692	995.	5.	8101.377	90.008	10.	15.	60.	89.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-12/18/85	80	19.5	71.863	500.	5.	13807.107	117.504	8.	10.	69.	278.
00080	COLOR (PLATINUM-COBALT UNITS)	01/05/65-12/30/69	129	15.	13.907	35.	0.	72.398	8.509	5.	5.	20.	25.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/14/69-01/07/76	78	4.	6.351	32.	1.	50.768	7.125	1.	2.	8.	16.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	312	440.	564.715	1930.	220.	83236.295	288.507	350.6	390.	595.	1020.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	334	6.6	6.667	14.5	0.6	5.475	2.34	3.45	5.2	8.225	9.75
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/65-12/30/69	127	50.	50.976	159.	5.	468.944	21.655	26.4	38.	64.	73.2
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	337	4.8	9.482	380.	0.5	558.584	23.634	2.3	3.3	8.85	20.
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	172	22.	48.244	995.	8.	12228.525	110.583	13.	16.	33.75	84.
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	229	7.3	7.256	8.4	6.4	0.126	0.354	6.8	7.	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	229	7.3	7.115	8.4	6.4	0.146	0.382	6.8	7.	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	229	0.05	0.077	0.398	0.004	0.005	0.069	0.02	0.032	0.1	0.158
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	286	7.1	7.134	8.3	6.2	0.109	0.33	6.77	6.9	7.4	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	286	7.1	7.014	8.3	6.2	0.123	0.351	6.77	6.9	7.4	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	286	0.079	0.097	0.631	0.005	0.007	0.081	0.025	0.04	0.126	0.171
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	217	124.	158.207	500.	44.	4592.054	67.765	100.	112.	221.	248.4
00500	RESIDUE, TOTAL (MG/L)	01/13/70-11/20/85	32	34.	97.469	317.	7.	11337.934	106.48	9.3	14.5	222.	264.9
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/05/65-12/30/69	130	38.5	61.269	1600.	1.	20233.191	142.243	15.	26.75	60.	90.
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	01/05/65-12/20/66	52	11.5	13.596	38.	0.	63.696	7.981	4.3	8.25	18.75	23.7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	187	14.	18.968	200.	1.	422.795	20.562	7.	10.	20.	30.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/09/76	163	10.	24.429	995.	0.	6379.901	79.874	3.	6.	24.	41.2
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	189	4.1	6.746	99.9	0.3	86.051	9.276	1.3	2.8	7.9	13.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/14/69-12/17/75	67	1.	2.063	15.	0.	6.688	2.586	0.1	0.4	2.9	5.08
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	207	2.	2.743	14.	0.1	6.696	2.588	0.78	1.2	3.1	5.92
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	172	0.5	0.877	8.9	0.1	1.515	1.231	0.13	0.225	0.9	1.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-12/18/85	75	1.3	1.492	3.7	0.2	0.632	0.795	0.58	1.	1.9	2.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	167	0.5	0.666	2.7	0.1	0.147	0.383	0.3	0.4	0.8	1.2
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/14/72	169	1.2	1.769	9.5	0.	4.597	2.144	0.	0.1	2.2	5.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	164	0.1	0.383	5.2	0.015	0.511	0.715	0.04	0.05	0.28	1.2
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/29/80-06/19/85	56	5.	5.639	17.8	2.5	6.594	2.568	3.3	4.3	6.2	8.99
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	172	0.05	0.299	1.79	0.001	0.159	0.399	0.005	0.008	0.5	1.062

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	217	160.	125.18	354.	10.	5525.75	74.335	28.8	34.	176.	194.
00910	CALCIUM (MG/L AS CACO3)	11/20/85-11/20/85	1	122.	122.	122.	122.	0.	0.	**	**	**	**
00920	MAGNESIUM (MG/L AS CACO3)	11/20/85-11/20/85	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/14/69-11/09/76	80	18.	38.988	200.	8.	1476.975	38.431	11.	15.	71.5	94.9
00937	POTASSIUM, TOTAL MG/L AS K)	01/14/69-11/09/76	80	8.	9.813	110.	3.	148.331	12.179	5.	7.	9.	11.9
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	261	27.	27.904	141.	12.	155.395	12.466	15.	20.	33.	41.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	224	46.	60.741	820.	10.	3349.009	57.871	34.5	39.	74.75	88.5
00951	FLUORIDE, TOTAL (MG/L AS F)	01/04/66-11/09/76	106	0.9	101.933	882.	0.5	34549.035	185.874	0.6	0.7	80.3	401.6
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/09/69-11/02/77	77	10.	1954.87	10000.	5.	15865104.588	3983.102	5.	7.5	10.	10000.
01002	ARSENIC, TOTAL (UG/L AS AS)	04/17/85-04/17/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/25/69-11/02/77	80	10.	4256.688	20000.	5.	67727263.256	8229.658	5.	10.	10.	20000.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/09/69-12/30/69	15	0.02	0.021	0.06	0.01	0.	0.016	0.01	0.01	0.02	0.054
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/69-10/30/85	71	10.	2119.718	10000.	5.	16871244.205	4107.462	5.	10.	10.	10000.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	145	10.	20.241	190.	5.	663.657	25.762	5.	10.	20.	54.
01042	COPPER, TOTAL (UG/L AS CU)	02/25/69-04/17/85	81	20.	7673.778	90000.	6.	332877740.5	18244.937	10.	20.	65.	30000.
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	146	1100.	1195.616	3600.	440.	288855.135	537.452	641.	800.	1500.	2000.
01047	IRON, FERROUS (UG/L AS FE)	04/09/69-12/30/69	14	19.	21.429	61.	2.	244.725	15.644	5.5	10.75	24.5	54.5
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	161	20.	6799.876	210000.	5.	696599341.234	26393.168	10.	10.	60.	146.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/69-11/09/76	70	125.	81237.571	3200000.	60.	148933809867.93	385919.434	80.	90.	200.	188000.
01067	NICKEL, TOTAL (UG/L AS NI)	02/25/69-11/02/77	80	0.065	9.143	60.	0.02	174.84	13.223	0.02	0.023	17.5	20.
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	161	90.	25497.453	790000.	20.	8097706801.599	89987.259	30.	60.	190.	98000.
27502	YTTRIUM 90, TOTAL, COUNTING ERROR	01/05/65-11/08/66	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-09/27/72	182	70500.	900486.593	20000000.	80.	**********	2579018.092	1120.	7850.	487500.	2100000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-09/27/72	182	4.848	4.793	7.301	1.903	1.41	1.188	3.044	3.895	5.684	6.322
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			62146.74								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	204	710.	27402.324	1800000.	5.	18734557008.151	136874.238	35.	120.	11000.	59000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	204	2.851	3.037	6.255	0.699	1.48	1.216	1.54	2.079	4.041	4.769
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1088.694								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/13/71-09/27/72	31	270.	1246.71	14000.	10.	8885379.613	2980.835	20.	68.	620.	4160.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	01/13/71-09/27/72	31	2.431	2.344	4.146	1.	0.682	0.826	1.301	1.833	2.792	3.598
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			220.821								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/69-11/02/77	83	42.	3855.614	33000.	6.	54052066.581	7352.011	11.4	21.	5000.	15600.
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/06/69-05/06/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	03/27/73-03/27/73	1	4.	4.	4.	4.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	146	0.1	0.18	3.5	0.01	0.114	0.337	0.05	0.1	0.1	0.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0331

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	80	24	0.30	29	13	0.45	10	3	0.30	29	7	0.24	12	1	0.08
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	334	44	0.13	106	9	0.08	50	2	0.04	117	18	0.15	61	15	0.25
00400	PH	Other-Hi Lim.	9.	229	0	0.00	76	0	0.00	35	0	0.00	79	0	0.00	39	0	0.00
		Other-Lo Lim.	6.5	229	5	0.02	76	2	0.03	35	2	0.06	79	1	0.01	39	0	0.00
00403	PH, LAB	Other-Hi Lim.	9.	286	0	0.00	91	0	0.00	41	0	0.00	103	0	0.00	51	0	0.00
		Other-Lo Lim.	6.5	286	9	0.03	91	3	0.03	41	2	0.05	103	2	0.02	51	2	0.04
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	172	0	0.00	55	0	0.00	29	0	0.00	56	0	0.00	32	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	167	0	0.00	53	0	0.00	22	0	0.00	63	0	0.00	29	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	172	113	0.66	57	37	0.65	23	17	0.74	63	40	0.63	29	19	0.66
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	261	0	0.00	81	0	0.00	38	0	0.00	95	0	0.00	47	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	224	1	0.00	73	0	0.00	32	1	0.03	80	0	0.00	39	0	0.00
00997	ARSENIC, INORGANIC TOT	Fresh Acute	360.	77	15	0.19	22	3	0.14	10	0	0.00	29	8	0.28	16	4	0.25
		Drinking Water	50.	77	15	0.19	22	3	0.14	10	0	0.00	29	8	0.28	16	4	0.25
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	61 &	61	1.00	17	17	1.00	8	8	1.00	22	22	1.00	14	14	1.00
		Drinking Water	5.	61 &	61	1.00	17	17	1.00	8	8	1.00	22	22	1.00	14	14	1.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	15	0	0.00	3	0	0.00				8	0	0.00	4	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: INDU0331

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	71	15	0.21	21	3	0.14	8	0	0.00	26	8	0.31	16	4	0.25
		Drinking Water	100.	71	15	0.21	21	3	0.14	8	0	0.00	26	8	0.31	16	4	0.25
01034	CHROMIUM, TOTAL	Drinking Water	100.	145	4	0.03	47	1	0.02	18	1	0.06	54	1	0.02	26	1	0.04
01042	COPPER, TOTAL	Fresh Acute	18.	81	65	0.80	22	18	0.82	12	10	0.83	31	23	0.74	16	14	0.88
		Drinking Water	1300.	81	17	0.21	22	3	0.14	12	2	0.17	31	8	0.26	16	4	0.25
01051	LEAD, TOTAL	Fresh Acute	82.	161	21	0.13	51	5	0.10	18	1	0.06	62	11	0.18	30	4	0.13
		Drinking Water	5.	150 &	150	1.00	46	46	1.00	17	17	1.00	59	59	1.00	28	28	1.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	80	0	0.00	22	0	0.00	12	0	0.00	30	0	0.00	16	0	0.00
		Drinking Water	100.	80	0	0.00	22	0	0.00	12	0	0.00	30	0	0.00	16	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	161	64	0.40	50	18	0.36	19	7	0.37	62	24	0.39	30	15	0.50
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	182	169	0.93	56	54	0.96	32	29	0.91	62	56	0.90	32	30	0.94
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	204	141	0.69	63	42	0.67	28	19	0.68	76	53	0.70	37	27	0.73
71900	MERCURY, TOTAL	Fresh Acute	2.4	146	1	0.01	48	0	0.00	19	0	0.00	54	1	0.02	25	0	0.00
		Drinking Water	2.	146	1	0.01	48	0	0.00	19	0	0.00	54	1	0.02	25	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1965 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	26	20.5	19.808	31.	8.	44.802	6.693	12.	13.	26.	28.6
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/65-12/30/69	26	35.	46.731	160.	5.	1529.885	39.114	10.	15.	72.5	103.
00080	COLOR (PLATINUM-COBALT UNITS)	01/05/65-12/30/69	26	5.	5.346	30.	0.	27.915	5.284	0.	5.	5.	5.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	26	378.	384.731	517.	309.	2156.765	46.441	334.6	352.75	410.5	449.3
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	26	4.7	4.85	7.4	1.1	2.204	1.485	2.86	4.075	5.775	7.06
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/65-12/30/69	26	51.5	52.038	78.	12.	212.358	14.573	35.3	44.75	64.5	71.2
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	26	5.25	5.908	13.	1.3	9.254	3.042	2.44	3.6	7.55	12.
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	23	7.2	7.213	7.8	6.4	0.066	0.256	6.88	7.1	7.3	7.4
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	23	7.2	7.119	7.8	6.4	0.075	0.274	6.88	7.1	7.3	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	23	0.063	0.076	0.398	0.016	0.006	0.075	0.04	0.05	0.079	0.135
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	26	110.	112.538	408.	44.	4076.018	63.844	70.	83.	116.	128.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/05/65-12/30/69	26	48.	56.808	339.	22.	3515.042	59.288	26.4	35.	53.5	72.2
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	26	0.8	0.977	3.5	0.2	0.469	0.685	0.4	0.575	1.125	1.78
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/14/72	25	0.	0.108	0.7	0.	0.034	0.185	0.	0.	0.1	0.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	26	169.	170.692	214.	126.	388.462	19.709	150.	156.	185.5	198.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	26	17.5	19.577	42.	12.	47.454	6.889	12.7	15.	21.25	29.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-09/27/72	26	102500.	255653.846	1200000.	1000.132388	315384.615	363852.052	2700.	7500.	315000.	1009000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-09/27/72	26	5.004	4.778	6.079	3.	0.853	0.923	3.424	3.872	5.497	6.003
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			60001.872								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1966 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	25	20.	20.08	32.	8.	62.993	7.937	10.	13.5	28.	31.
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/65-12/30/69	26	27.5	34.423	100.	5.	654.654	25.586	10.	13.75	52.5	76.5
00080	COLOR (PLATINUM-COBALT UNITS)	01/05/65-12/30/69	26	5.	5.	10.	0.	4.	2.	3.5	5.	5.	6.5
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	25	5.3	6.216	13.8	2.5	7.306	2.703	3.36	4.3	7.95	10.24
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/65-12/30/69	25	61.	65.48	159.	34.	645.677	25.41	42.	48.5	75.	92.4
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	26	5.05	5.415	13.	1.6	6.232	2.496	3.1	3.475	6.1	9.79
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	25	6.8	6.864	7.2	6.4	0.053	0.231	6.56	6.7	7.	7.2
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	25	6.8	6.805	7.2	6.4	0.057	0.239	6.56	6.7	7.	7.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	25	0.158	0.157	0.398	0.063	0.007	0.087	0.063	0.1	0.205	0.277
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	26	110.	111.385	206.	74.	619.766	24.895	83.4	96.5	120.	130.6
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/05/65-12/30/69	26	53.5	59.962	140.	27.	856.998	29.275	28.	36.75	69.5	106.6
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	26	0.8	0.877	2.5	0.1	0.351	0.592	0.1	0.5	1.1	1.88
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/14/72	26	0.	0.065	0.5	0.	0.012	0.109	0.	0.	0.1	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	26	173.	181.231	322.	150.	1133.145	33.662	157.4	164.	183.	212.2
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	26	16.	15.885	22.	12.	4.506	2.123	13.7	15.	17.	18.9
00951	FLUORIDE, TOTAL (MG/L AS F)	01/04/66-11/09/76	26	392.	413.115	882.	317.	11667.946	108.018	339.6	377.25	415.75	475.5
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-09/27/72	26	12000.	48815.385	600000.	800.155289	17353.846	124615.077	1970.	4500.	21250.	169000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-09/27/72	26	4.078	4.087	5.778	2.903	0.425	0.652	3.294	3.644	4.325	5.204
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12208.927								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1967 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	25	13.	13.44	22.	5.	28.173	5.308	5.6	9.5	19.	20.4
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/65-12/30/69	25	20.	27.4	90.	10.	456.5	21.366	10.	10.	37.5	62.
00080	COLOR (PLATINUM-COBALT UNITS)	01/05/65-12/30/69	25	20.	18.8	25.	10.	23.5	4.848	10.	15.	22.5	25.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	25	1000.	1001.44	1700.	312.	62531.673	250.063	710.	925.5	1064.	1307.6
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	25	6.4	6.444	12.	2.4	3.403	1.845	4.	5.55	7.65	8.08

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Annual Analysis for 1967 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/65-12/30/69	25	62.	60.64	94.	24.	182.657	13.515	41.2	56.5	68.5	72.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	25	7.7	10.012	26.	3.1	45.754	6.764	3.86	4.55	10.5	23.8
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	22	7.	7.064	7.7	6.5	0.112	0.335	6.63	6.8	7.325	7.57
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	22	7.	6.952	7.7	6.5	0.125	0.354	6.63	6.8	7.325	7.57
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	22	0.1	0.112	0.316	0.02	0.006	0.078	0.027	0.048	0.158	0.236
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	25	7.	7.036	7.6	6.6	0.052	0.229	6.8	6.85	7.2	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	25	7.	6.982	7.6	6.6	0.055	0.235	6.8	6.85	7.2	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	25	0.1	0.104	0.251	0.025	0.003	0.052	0.05	0.063	0.142	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	25	228.	220.4	264.	72.	1503.	38.769	183.2	206.	247.	258.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/05/65-12/30/69	25	19.	26.04	90.	8.	444.54	21.084	8.6	12.5	30.	62.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/09/76	25	14.	17.88	80.	4.	251.36	15.854	6.	8.	21.5	36.4
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	25	1.6	2.484	8.9	0.2	5.924	2.434	0.2	0.8	3.65	6.86
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/14/72	25	2.3	3.116	6.7	0.5	3.535	1.88	1.26	1.45	4.9	5.88
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	25	33.	31.8	40.	10.	40.75	6.384	25.6	28.	37.	38.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	25	78.	85.12	215.	18.	1267.86	35.607	68.8	71.	86.	126.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-09/27/72	25	170000.	1171908.	20000000.	700.	**********	3970448.455	11800.	43500.	320000.	1980000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-09/27/72	25	5.23	5.113	7.301	2.845	0.943	0.971	3.767	4.637	5.505	6.296
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			129784.479								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	27	13.	13.815	27.	3.	42.387	6.511	4.8	8.	18.	23.4
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/65-12/30/69	27	30.	42.593	200.	5.	1779.558	42.185	9.	20.	40.	100.
00080	COLOR (PLATINUM-COBALT UNITS)	01/05/65-12/30/69	26	20.	20.192	30.	10.	24.962	4.996	15.	15.	25.	25.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	27	990.	1074.852	1930.	780.	68938.823	262.562	866.	930.	1100.	1542.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	26	3.25	3.904	11.9	0.6	4.843	2.201	1.57	2.6	5.05	6.21
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/65-12/30/69	26	35.5	36.462	101.	5.	323.218	17.978	15.8	28.5	43.5	55.6
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	26	15.	17.327	87.	1.8	247.038	15.717	4.88	10.25	20.	25.5
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	12	7.05	7.083	7.7	6.8	0.049	0.221	6.83	7.	7.1	7.55
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	12	7.047	7.044	7.7	6.8	0.051	0.225	6.83	7.	7.1	7.55
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	12	0.09	0.09	0.158	0.02	0.001	0.034	0.033	0.079	0.1	0.149
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	27	6.9	6.978	7.5	6.6	0.049	0.221	6.78	6.8	7.1	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	27	6.9	6.93	7.5	6.6	0.051	0.226	6.78	6.8	7.1	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	27	0.126	0.117	0.251	0.032	0.003	0.051	0.04	0.079	0.158	0.167
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	27	236.	252.	500.	168.	3365.846	58.016	206.8	228.	266.	304.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/05/65-12/30/69	27	35.	39.481	129.	1.	806.952	28.407	14.8	22.	46.	89.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/09/76	27	22.	27.296	90.	0.	479.447	21.896	11.6	13.	33.	68.4
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	27	0.4	0.548	2.3	0.1	0.253	0.503	0.18	0.2	0.7	1.28
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/14/72	27	2.2	3.096	9.5	1.1	5.863	2.421	1.18	1.6	3.5	8.04
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	27	30.	31.778	47.	24.	24.103	4.909	26.4	29.	36.	37.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	27	83.	115.593	820.	55.	20349.481	142.652	69.	75.	95.	152.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-09/27/72	26	1450000.	2454438.462	19000000.	7400.	**********	3943730.146	30000.	132500.	3225000.	6360000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-09/27/72	26	6.161	5.823	7.279	3.869	0.76	0.871	4.477	5.12	6.506	6.803
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			665813.445								

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Annual Analysis for 1969 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	25	14.	14.	23.	7.	26.75	5.172	7.	9.5	18.5	21.4
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	01/05/65-12/30/69	26	40.	81.731	995.	5.	35505.885	188.43	15.	20.	80.	100.

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Annual Analysis for 1969 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	01/05/65-12/30/69	26	20.	20.385	35.	10.	23.846	4.883	15.	18.75	25.	25.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/14/69-01/07/76	25	5.6	5.848	11.	1.1	8.773	2.962	1.76	3.4	8.	11.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	25	1000.	973.76	1450.	550.	25958.44	161.116	740.	925.	1040.	1084.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	26	3.9	3.819	6.8	0.6	2.989	1.729	0.97	2.725	5.2	5.73
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	01/05/65-12/30/69	25	42.	40.8	84.	6.	422.	20.543	9.2	29.	48.	75.6
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	26	19.	37.788	380.	1.6	5664.101	75.26	3.41	8.	28.25	78.6
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	26	89.5	177.962	995.	40.	56758.838	238.241	48.4	77.	165.	493.
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	15	7.3	7.32	8.1	7.	0.087	0.296	7.06	7.1	7.3	7.86
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	15	7.3	7.251	8.1	7.	0.093	0.304	7.06	7.1	7.3	7.86
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	15	0.05	0.056	0.1	0.008	0.001	0.026	0.015	0.05	0.079	0.088
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	26	6.8	6.854	7.2	6.3	0.052	0.228	6.57	6.7	7.	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	26	6.8	6.794	7.2	6.3	0.056	0.236	6.57	6.7	7.	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	26	0.158	0.161	0.501	0.063	0.009	0.095	0.063	0.1	0.2	0.271
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	26	231.	227.077	290.	140.	883.274	29.72	196.8	203.5	243.	266.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	01/05/65-12/30/69	26	50.	123.538	1600.	8.	92956.418	304.888	27.7	33.5	74.25	172.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/09/76	20	36.	99.05	995.	6.	45952.366	214.365	23.2	27.25	98.25	130.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	23	6.4	7.47	28.	1.	47.651	6.903	1.	1.3	11.	17.8
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/14/69-12/17/75	25	3.	4.136	15.	0.	9.889	3.145	1.58	2.1	5.2	8.32
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	25	8.2	7.86	14.	0.1	15.84	3.98	1.06	5.8	10.15	13.76
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	26	0.2	0.262	0.9	0.1	0.039	0.198	0.1	0.1	0.3	0.56
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/14/72	26	2.	3.1	9.3	1.1	5.882	2.425	1.1	1.475	4.125	7.53
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	26	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	26	30.	30.692	43.	23.	19.982	4.47	25.	27.	33.25	35.9
00929	SODIUM, TOTAL (MG/L AS NA)	01/14/69-11/09/76	25	90.	89.52	200.	31.	955.843	30.917	57.2	74.	96.5	127.6
00937	POTASSIUM, TOTAL MG/L AS K)	01/14/69-11/09/76	25	10.	15.28	110.	3.	437.377	20.914	6.2	8.	12.5	29.2
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	26	78.	80.346	190.	10.	822.155	28.673	58.9	68.5	86.75	99.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/04/66-11/09/76	26	0.85	0.869	1.1	0.6	0.022	0.149	0.67	0.8	1.	1.1
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/09/69-11/02/77	15	10000.	10000.	10000.	10000.	0.	0.	10000.	10000.	10000.	10000.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/25/69-11/02/77	17	20000.	20000.	20000.	20000.	0.	0.	20000.	20000.	20000.	20000.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/69-10/30/85	15	10000.	10000.	10000.	10000.	0.	0.	10000.	10000.	10000.	10000.
01042	COPPER, TOTAL (UG/L AS CU)	02/25/69-04/17/85	17	30000.	36470.588	90000.	20000.	549264705.882	23436.397	20000.	20000.	50000.	82000.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	15	70000.	72666.667	210000.	20000.	2835238095.238	53246.954	20000.	20000.	110000.	162000.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/69-11/09/76	15	170000.	378666.667	3200000.	80000.	613398095238.095	783197.354	98000.	140000.	230000.	1478000.
01067	NICKEL, TOTAL (UG/L AS NI)	02/25/69-11/02/77	17	20.	29.412	60.	20.	180.882	13.449	20.	20.	40.	52.
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	17	210000.	240588.235	790000.	90000.	26018382352.941	161302.146	98000.	140000.	290000.	430000.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-09/27/72	26	1150000.	2307692.308	15000000.	10000.	**********	3151822.721	100000.	252500.	3300000.	5690000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-09/27/72	26	6.06	5.952	7.176	4.	0.549	0.741	4.923	5.399	6.518	6.755
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			896251.763								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/69-11/02/77	26	11000.	12230.769	33000.	3000.	71064615.385	8429.983	3000.	5750.	17000.	27800.

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Annual Analysis for 1970 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	19	18.	18.526	30.	6.	65.596	8.099	8.	13.	28.	30.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-12/18/85	22	20.	31.136	90.	5.	816.504	28.575	6.5	10.	50.	90.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	22	395.	405.455	500.	310.	2883.117	53.695	333.	367.5	445.	494.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	20	7.55	7.58	14.5	4.4	6.842	2.616	5.	5.225	9.225	11.33
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	22	4.35	5.514	20.	1.6	15.237	3.904	2.63	3.375	6.4	10.22
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	7	7.4	7.229	7.8	6.6	0.246	0.496	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	7	7.4	6.995	7.8	6.6	0.309	0.556	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	7	0.04	0.101	0.251	0.016	0.011	0.106	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	22	7.05	7.032	7.8	6.2	0.166	0.408	6.36	6.775	7.4	7.54
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	22	7.047	6.842	7.8	6.2	0.204	0.452	6.36	6.775	7.4	7.54
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	22	0.09	0.144	0.631	0.016	0.025	0.157	0.03	0.04	0.169	0.446
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	22	122.	116.955	144.	61.	416.998	20.421	75.	113.5	126.5	137.4

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Annual Analysis for 1970 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	22	0.3	0.382	1.1	0.1	0.055	0.234	0.13	0.2	0.5	0.7
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/14/72	19	0.4	1.216	7.	0.2	3.183	1.784	0.2	0.3	1.7	3.9
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	22	180.	188.955	354.	150.	1639.855	40.495	160.3	169.5	194.5	214.2
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	22	19.	24.045	141.	12.	699.855	26.455	13.3	14.75	23.	26.8
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-09/27/72	21	16000.	41676.19	210000.	100.	3100625904.762	55683.264	420.	5500.	68000.	136000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-09/27/72	21	4.204	4.096	5.322	2.	0.788	0.888	2.573	3.739	4.832	5.133
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12478.944								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	21	100.	333.333	3100.	10.	452483.333	672.669	10.	55.	350.	780.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	21	2.	2.024	3.491	1.	0.497	0.705	1.	1.5	2.54	2.891
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			105.575								

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Annual Analysis for 1971 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	20	16.5	17.1	28.	7.	45.674	6.758	8.1	12.25	23.25	27.9
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-12/18/85	2	20.	20.	20.	20.	0.	0.	**	**	**	**
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/14/69-01/07/76	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	20	445.	427.	550.	330.	3053.684	55.26	350.	382.5	460.	489.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	19	7.7	7.879	11.5	6.	2.247	1.499	6.1	6.3	8.8	9.9
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	20	3.9	7.41	40.	1.	85.305	9.236	1.83	2.975	6.875	19.9
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	9	7.3	7.389	8.4	6.9	0.214	0.462	6.9	7.05	7.6	8.4
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	9	7.3	7.237	8.4	6.9	0.24	0.49	6.9	7.05	7.6	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	9	0.05	0.058	0.126	0.004	0.002	0.04	0.004	0.026	0.09	0.126
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	20	7.15	7.2	7.8	6.6	0.116	0.34	6.8	6.925	7.5	7.69
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	20	7.147	7.081	7.8	6.6	0.131	0.362	6.8	6.925	7.5	7.69
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	20	0.071	0.083	0.251	0.016	0.004	0.062	0.02	0.032	0.119	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	3	132.	130.667	134.	126.	17.333	4.163	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	20	19.5	35.8	200.	8.	2184.905	46.743	8.2	11.5	31.5	115.1
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/09/76	17	6.	12.941	55.	4.	206.309	14.363	4.	5.	15.5	41.4
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	5	4.1	25.54	99.9	2.8	1768.903	42.058	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	18	2.35	2.55	5.3	1.3	0.834	0.913	1.57	1.95	3.1	3.68
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	20	0.4	0.53	1.6	0.2	0.121	0.348	0.2	0.3	0.7	0.99
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	18	1.6	1.939	5.2	0.7	1.257	1.121	0.97	1.1	2.425	3.67
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	3	182.	183.333	190.	178.	37.333	6.11	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/14/69-11/09/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	01/14/69-11/09/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	20	25.5	27.7	52.	16.	85.274	9.234	17.2	22.25	30.5	44.3
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/09/69-11/02/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/25/69-11/02/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/69-10/30/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/25/69-04/17/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	1	800.	800.	800.	800.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/69-11/09/76	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/25/69-11/02/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	1	100.	100.	100.	100.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-09/27/72	20	6400.	85053.	890000.	80.	41263654664.211	203134.573	208.	1000.	85500.	290000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-09/27/72	20	3.806	3.903	5.949	1.903	1.297	1.139	2.316	3.	4.93	5.446
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7990.397								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	20	350.	7769.	64000.	10.	278855493.684	16698.967	10.	60.	7025.	40500.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	20	2.506	2.727	4.806	1.	1.492	1.222	1.	1.763	3.816	4.596
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			533.689								

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Annual Analysis for 1972 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	21	18.	17.952	27.	5.	49.948	7.067	8.2	11.	24.5	26.8
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/14/69-01/07/76	11	8.	10.909	32.	1.	88.891	9.428	1.	2.	16.	28.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	21	400.	401.429	540.	220.	4482.857	66.954	322.	370.	435.	492.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	21	7.6	7.838	10.7	5.8	2.161	1.47	5.92	6.6	9.	9.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	21	3.4	4.41	15.	1.5	9.276	3.046	2.18	2.9	4.3	9.3
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	7	7.2	7.243	8.	6.9	0.136	0.369	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	7	7.2	7.147	8.	6.9	0.147	0.383	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	7	0.063	0.071	0.126	0.01	0.002	0.039	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	21	7.	7.038	7.8	6.3	0.141	0.376	6.52	6.75	7.3	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	21	7.	6.889	7.8	6.3	0.165	0.406	6.52	6.75	7.3	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	21	0.1	0.129	0.501	0.016	0.013	0.116	0.032	0.051	0.179	0.303
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	21	19.	18.381	38.	5.	80.048	8.947	6.4	11.5	22.5	35.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/09/76	20	6.	7.7	32.	1.	44.642	6.681	1.1	5.	9.75	14.6
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	18	3.95	6.5	46.	1.	102.358	10.117	1.09	3.175	5.55	14.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	18	1.5	1.861	4.6	1.	0.947	0.973	1.18	1.375	1.9	4.24
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	21	0.5	0.743	2.7	0.3	0.325	0.57	0.3	0.4	0.9	1.52
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/14/72	21	1.1	1.395	6.6	0.2	1.865	1.366	0.26	0.8	1.45	3.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	21	28.	26.762	44.	14.	54.79	7.402	17.6	20.5	32.5	35.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-09/27/72	12	5200.	23583.333	180000.	300.	2660235624.242	51577.472	372.	595.	12775.	142800.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-09/27/72	12	3.716	3.654	5.255	2.477	0.713	0.844	2.554	2.772	4.099	5.103
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4504.901								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	20	390.	6733.	39000.	130.	153212622.105	12377.909	151.	200.	9525.	35000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	20	2.591	2.999	4.591	2.114	0.776	0.881	2.179	2.301	3.89	4.542
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			996.714								

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Annual Analysis for 1973 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	18	22.	20.333	27.	9.	36.118	6.01	10.8	15.75	26.	27.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/14/69-01/07/76	16	4.	10.338	32.	1.	121.823	11.037	1.7	4.	14.	32.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	19	380.	390.526	460.	300.	2116.374	46.004	340.	350.	430.	460.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	18	7.	7.589	14.	6.	4.021	2.005	6.	6.3	8.175	10.4
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	19	3.1	3.353	7.7	1.4	2.444	1.563	1.8	2.1	4.3	5.5
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	19	21.	23.526	84.	8.	253.374	15.918	10.	16.	23.	38.
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	6	7.6	7.75	8.4	7.4	0.143	0.378	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	6	7.6	7.646	8.4	7.4	0.156	0.395	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	6	0.025	0.023	0.04	0.004	0.	0.013	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	19	7.1	7.084	7.8	6.5	0.121	0.348	6.7	6.8	7.2	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	19	7.1	6.971	7.8	6.5	0.135	0.367	6.7	6.8	7.2	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	19	0.079	0.107	0.316	0.016	0.006	0.075	0.016	0.063	0.158	0.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	19	15.	17.211	50.	3.	146.509	12.104	7.	8.	20.	41.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/09/76	19	5.	6.632	30.	2.	41.135	6.414	2.	3.	7.	15.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	18	3.95	3.961	9.2	0.3	6.183	2.486	0.93	1.3	5.475	7.76
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/14/69-12/17/75	18	0.35	0.539	1.9	0.1	0.23	0.479	0.1	0.275	0.7	1.45
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	19	1.6	1.8	5.6	0.1	1.133	1.065	0.8	1.4	2.	2.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	19	0.5	0.516	1.3	0.2	0.08	0.283	0.3	0.3	0.5	1.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	19	0.09	0.164	1.	0.04	0.049	0.221	0.04	0.06	0.2	0.36
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	19	0.8	0.795	1.79	0.05	0.223	0.472	0.208	0.4	1.18	1.5
00929	SODIUM, TOTAL (MG/L AS NA)	01/14/69-11/09/76	19	11.	11.895	18.	8.	6.433	2.536	9.	10.	13.	17.
00937	POTASSIUM, TOTAL MG/L AS K)	01/14/69-11/09/76	19	6.	6.579	11.	4.	3.702	1.924	4.	5.	8.	9.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	19	22.	22.368	31.	16.	16.801	4.099	17.	20.	25.	30.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	19	39.	41.105	60.	30.	68.322	8.266	30.	36.	50.	52.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/04/66-11/09/76	19	0.8	0.837	1.4	0.6	0.047	0.217	0.6	0.6	1.	1.1
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/09/69-11/02/77	18	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/25/69-11/02/77	19	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.

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Annual Analysis for 1973 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/69-10/30/85	19	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	19	30.	41.053	190.	10.	2021.053	44.956	10.	10.	60.	100.
01042	COPPER, TOTAL (UG/L AS CU)	02/25/69-04/17/85	19	30.	31.053	70.	20.	221.053	14.868	20.	20.	40.	60.
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	19	1700.	1668.421	2500.	700.	192280.702	438.498	1000.	1500.	2000.	2200.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	19	70.	62.105	80.	20.	295.322	17.185	30.	50.	80.	80.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/69-11/09/76	19	100.	109.474	160.	60.	1083.041	32.91	70.	80.	140.	160.
01067	NICKEL, TOTAL (UG/L AS NI)	02/25/69-11/02/77	19	0.04	0.044	0.07	0.02	0.	0.017	0.02	0.03	0.06	0.07
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	19	190.	211.053	400.	100.	7321.053	85.563	120.	150.	240.	380.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	19	480.	3461.053	26000.	50.	40151076.608	6336.488	100.	270.	5200.	12000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	19	2.681	2.952	4.415	1.699	0.559	0.748	2.	2.431	3.716	4.079
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			895.991								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/69-11/02/77	19	22.	25.211	66.	6.	304.287	17.444	6.	13.	27.	60.
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	19	0.1	0.416	3.5	0.01	0.671	0.819	0.1	0.1	0.4	1.5

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Annual Analysis for 1974 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	12	18.	17.583	25.	9.	35.356	5.946	9.3	12.	23.75	25.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/14/69-01/07/76	12	2.	2.917	8.	1.	6.811	2.61	1.	1.	4.	8.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	12	435.	445.	510.	380.	1536.364	39.196	386.	420.	480.	504.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	12	8.15	8.183	9.9	6.5	1.598	1.264	6.56	6.85	9.525	9.84
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	12	3.6	4.983	20.	2.2	23.807	4.879	2.26	2.925	4.075	16.07
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	12	17.	24.	64.	10.	266.909	16.337	10.9	14.	29.25	59.2
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	10	7.6	7.6	7.9	7.4	0.02	0.141	7.41	7.5	7.7	7.88
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	10	7.6	7.581	7.9	7.4	0.02	0.143	7.41	7.5	7.7	7.88
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	10	0.025	0.026	0.04	0.013	0.	0.008	0.013	0.02	0.032	0.039
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	12	7.1	7.275	8.3	6.8	0.182	0.427	6.83	7.	7.575	8.12
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	12	7.1	7.141	8.3	6.8	0.202	0.449	6.83	7.	7.575	8.12
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	12	0.079	0.072	0.158	0.005	0.002	0.046	0.009	0.027	0.1	0.149
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	12	18.	20.583	78.	1.	385.356	19.63	3.1	9.	21.75	63.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/09/76	12	5.	8.583	42.	1.	128.083	11.317	1.3	3.	7.75	34.5
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	12	3.4	3.792	7.	1.1	2.71	1.646	1.52	2.675	4.725	6.79
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/14/69-12/17/75	12	0.65	0.817	3.6	0.1	0.829	0.91	0.16	0.4	0.8	2.79
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	12	2.1	2.058	2.6	1.5	0.123	0.35	1.53	1.8	2.35	2.57
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	12	0.8	0.842	1.6	0.5	0.09	0.3	0.53	0.6	1.	1.42
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	12	0.11	0.256	1.5	0.05	0.169	0.411	0.05	0.063	0.223	1.2
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	12	0.82	0.828	1.3	0.38	0.092	0.303	0.416	0.53	1.095	1.246
00929	SODIUM, TOTAL (MG/L AS NA)	01/14/69-11/09/76	12	18.5	18.667	25.	15.	7.152	2.674	15.	17.25	19.75	23.8
00937	POTASSIUM, TOTAL MG/L AS K)	01/14/69-11/09/76	12	8.	7.917	9.	6.	0.811	0.9	6.3	7.25	8.75	9.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	12	30.	30.	36.	21.	20.727	4.553	22.5	26.5	34.5	36.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	12	44.5	41.583	48.	26.	51.174	7.154	26.6	40.5	45.75	47.7
00951	FLUORIDE, TOTAL (MG/L AS F)	01/04/66-11/09/76	12	0.85	0.817	1.1	0.5	0.034	0.185	0.53	0.625	0.975	1.07
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/09/69-11/02/77	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/25/69-11/02/77	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/69-10/30/85	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	12	10.	25.	100.	10.	681.818	26.112	10.	10.	30.	82.
01042	COPPER, TOTAL (UG/L AS CU)	02/25/69-04/17/85	12	20.	29.167	80.	20.	299.242	17.299	20.	20.	30.	68.
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	12	900.	1083.333	2500.	600.	312424.242	558.949	630.	725.	1100.	2320.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	12	60.	68.333	130.	30.	760.606	27.579	33.	50.	90.	118.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/69-11/09/76	12	130.	142.5	300.	90.	2911.364	53.957	96.	110.	150.	258.
01067	NICKEL, TOTAL (UG/L AS NI)	02/25/69-11/02/77	12	0.02	0.028	0.06	0.02	0.	0.014	0.02	0.02	0.038	0.057
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	12	210.	187.5	280.	80.	5275.	72.629	80.	105.	237.5	280.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	11	450.	795.455	3000.	50.	837427.273	915.111	58.	90.	1300.	2740.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	11	2.653	2.588	3.477	1.699	0.352	0.593	1.75	1.954	3.114	3.428
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			387.649								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/69-11/02/77	12	28.5	37.083	63.	17.	352.447	18.774	17.6	22.25	61.	63.
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	12	0.1	0.267	0.9	0.1	0.066	0.257	0.1	0.1	0.475	0.78

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	12	19.	18.167	29.	9.	50.515	7.107	9.	11.25	25.	28.4
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/14/69-01/07/76	12	1.5	2.	4.	1.	1.636	1.279	1.	1.	3.5	4.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	12	440.	422.5	510.	320.	3511.364	59.257	326.	362.5	467.5	501.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	12	7.6	7.867	10.1	5.9	1.853	1.361	5.96	6.925	8.85	9.98
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	12	6.6	7.167	21.	2.2	29.755	5.455	2.44	3.225	7.725	18.9
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	12	25.	28.667	72.	18.	213.879	14.625	18.	19.25	31.75	60.
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	2	7.7	7.7	7.8	7.6	0.02	0.141	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	2	7.689	7.689	7.8	7.6	0.02	0.142	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	2	0.02	0.02	0.025	0.016	0.	0.007	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	12	7.	7.092	7.9	6.7	0.135	0.368	6.7	6.825	7.325	7.81
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	12	7.	6.984	7.9	6.7	0.148	0.385	6.7	6.825	7.325	7.81
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	12	0.1	0.104	0.2	0.013	0.004	0.062	0.016	0.05	0.15	0.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	12	18.5	22.5	90.	5.	513.909	22.67	5.6	9.25	27.	71.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/09/76	12	11.5	10.	20.	3.	26.545	5.152	3.3	5.25	13.75	18.2
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	12	13.5	14.3	36.	2.2	85.82	9.264	2.59	7.175	19.5	32.1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/14/69-12/17/75	12	0.9	1.275	3.8	0.1	1.428	1.195	0.1	0.4	1.85	3.62
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	12	3.2	3.233	6.3	1.7	1.553	1.246	1.82	2.325	3.8	5.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	12	0.6	0.758	1.7	0.1	0.257	0.507	0.16	0.4	1.175	1.64
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	12	0.33	0.494	2.3	0.09	0.38	0.617	0.099	0.13	0.685	1.844
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	12	0.54	0.589	1.26	0.024	0.135	0.368	0.084	0.298	0.873	1.206
00929	SODIUM, TOTAL (MG/L AS NA)	01/14/69-11/09/76	12	18.	19.	24.	15.	8.364	2.892	15.3	16.25	21.75	23.4
00937	POTASSIUM, TOTAL MG/L AS K)	01/14/69-11/09/76	12	7.	7.5	11.	6.	1.545	1.243	6.3	7.	8.	10.1
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	12	30.	31.333	42.	22.	46.061	6.787	22.9	26.	38.5	41.7
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	12	46.5	45.25	56.	28.	58.386	7.641	31.	40.5	50.	55.4
00951	FLUORIDE, TOTAL (MG/L AS F)	01/04/66-11/09/76	12	0.6	0.625	0.8	0.5	0.006	0.075	0.53	0.6	0.675	0.77
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/09/69-11/02/77	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/25/69-11/02/77	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/69-10/30/85	12	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	12	10.	13.333	40.	10.	78.788	8.876	10.	10.	10.	34.
01042	COPPER, TOTAL (UG/L AS CU)	02/25/69-04/17/85	12	20.	30.833	80.	20.	371.97	19.287	20.	20.	30.	74.
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	12	950.	1208.333	2800.	600.	460833.333	678.847	600.	800.	1525.	2620.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	12	40.	47.5	90.	20.	602.273	24.541	20.	22.5	70.	87.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/69-11/09/76	12	120.	130.	200.	80.	2036.364	45.126	83.	90.	177.5	200.
01067	NICKEL, TOTAL (UG/L AS NI)	02/25/69-11/02/77	12	0.02	0.023	0.03	0.02	0.	0.005	0.02	0.02	0.028	0.03
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	12	105.	116.667	230.	60.	2896.97	53.824	63.	70.	150.	218.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	12	3250.	31858.333	180000.	10.	3137777415.152	56015.868	34.	122.5	58000.	154200.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	12	3.483	3.343	5.255	1.	1.9	1.378	1.286	2.07	4.729	5.171
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2205.354								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/69-11/02/77	12	29.5	33.25	75.	9.	464.568	21.554	9.6	15.	46.5	71.7
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	12	0.1	0.175	0.4	0.1	0.011	0.106	0.1	0.1	0.275	0.37

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Annual Analysis for 1976 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	11	19.	18.364	28.	9.	39.255	6.265	9.2	14.	24.	27.4
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/14/69-01/07/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	11	390.	390.909	450.	350.	1009.091	31.766	352.	360.	420.	446.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	11	6.7	7.009	10.2	4.4	4.437	2.106	4.42	4.5	8.8	10.12
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	11	6.	7.382	20.	2.8	24.154	4.915	2.92	4.2	8.2	18.4
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	11	24.	28.909	71.	13.	295.491	17.19	13.2	18.	32.	66.8
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	9	7.1	7.011	7.4	6.5	0.091	0.302	6.5	6.75	7.25	7.4
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	9	7.1	6.911	7.4	6.5	0.102	0.32	6.5	6.75	7.25	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	9	0.079	0.123	0.316	0.04	0.009	0.096	0.04	0.057	0.189	0.316
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	10	7.2	7.24	7.5	7.	0.016	0.126	7.02	7.2	7.3	7.48
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	10	7.2	7.224	7.5	7.	0.016	0.128	7.02	7.2	7.3	7.48
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	10	0.063	0.06	0.1	0.032	0.	0.017	0.033	0.05	0.063	0.096
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	11	14.	22.455	94.	6.	651.273	25.52	6.4	12.	16.	83.6
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/09/76	11	5.	8.545	24.	2.	55.473	7.448	2.2	5.	10.	23.6
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	10	11.5	13.82	24.	9.2	21.746	4.663	9.28	10.75	17.25	23.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	11	3.	3.336	5.4	2.5	0.691	0.831	2.54	2.8	3.6	5.14
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-12/18/85	10	0.4	0.63	2.1	0.2	0.362	0.602	0.2	0.275	0.9	2.01
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	11	0.6	0.655	1.3	0.3	0.115	0.339	0.3	0.4	0.9	1.26
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	11	0.27	0.483	1.4	0.08	0.218	0.467	0.088	0.14	0.91	1.36
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	11	0.45	0.493	1.2	0.23	0.069	0.263	0.238	0.35	0.55	1.084
00929	SODIUM, TOTAL (MG/L AS NA)	01/14/69-11/09/76	11	17.	17.364	23.	14.	4.855	2.203	14.4	16.	18.	22.
00937	POTASSIUM, TOTAL MG/L AS K)	01/14/69-11/09/76	11	8.	8.	10.	6.	1.6	1.265	6.2	7.	9.	9.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	11	28.	29.455	39.	22.	32.473	5.698	22.4	24.	34.	38.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	11	42.	41.091	54.	33.	40.691	6.379	33.	36.	45.	52.4
00951	FLUORIDE, TOTAL (MG/L AS F)	01/04/66-11/09/76	11	0.7	0.736	1.	0.5	0.035	0.186	0.5	0.6	0.9	1.
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/09/69-11/02/77	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/25/69-11/02/77	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/69-10/30/85	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	11 ##	5.	26.818	100.	5.	1326.364	36.419	5.	5.	50.	98.
01042	COPPER, TOTAL (UG/L AS CU)	02/25/69-04/17/85	11 ##	10.	14.545	30.	10.	47.273	6.876	10.	10.	20.	28.
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	11	1000.	1109.091	2100.	600.	206909.091	454.873	620.	700.	1300.	2020.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	11	40.	37.273	80.	10.	401.818	20.045	12.	20.	50.	74.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/69-11/09/76	11	100.	110.	160.	80.	560.	23.664	82.	90.	120.	156.
01067	NICKEL, TOTAL (UG/L AS NI)	02/25/69-11/02/77	11 ##	10.	11.818	20.	10.	16.364	4.045	10.	10.	10.	20.
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	11	100.	111.818	260.	60.	3196.364	56.536	62.	70.	140.	236.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	11	25000.	49233.182	170000.	30.	4109732001.364	64107.191	35.	90.	110000.	166000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	11	4.398	3.638	5.23	1.477	2.232	1.494	1.53	1.954	5.041	5.22
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4341.668								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/69-11/02/77	11	37.	39.818	105.	7.	860.164	29.329	7.6	17.	62.	97.8
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	11	0.1	0.109	0.2	0.05	0.002	0.049	0.05	0.1	0.1	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	8	18.5	18.625	29.	9.	53.411	7.308	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	8	430.	412.5	460.	300.	3307.143	57.508	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	8	8.05	8.075	10.8	4.9	4.679	2.163	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	8	5.75	6.75	13.	1.3	12.574	3.546	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	8	28.	27.75	42.	19.	58.786	7.667	**	**	**	**
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	8	7.1	7.013	7.3	6.7	0.073	0.27	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	8	7.1	6.939	7.3	6.7	0.079	0.281	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	8	0.079	0.115	0.2	0.05	0.005	0.071	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	8	7.2	7.188	7.3	6.9	0.016	0.125	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	8	7.2	7.169	7.3	6.9	0.016	0.126	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	8	0.063	0.068	0.126	0.05	0.001	0.024	**	**	**	**

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Annual Analysis for 1977 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	8	15.5	17.375	40.	10.	91.982	9.591	**	**	**	**
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	8	8.7	9.063	12.	7.	3.834	1.958	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	8	2.75	3.038	4.1	2.2	0.543	0.737	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-12/18/85	3	0.8	0.933	1.2	0.8	0.053	0.231	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	8	0.3	0.325	0.5	0.2	0.011	0.104	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	8	0.2	0.21	0.38	0.05	0.01	0.1	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	8	0.345	0.312	0.6	0.001	0.05	0.223	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	8	27.5	27.125	32.	21.	16.125	4.016	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	8	41.5	40.125	44.	35.	10.125	3.182	**	**	**	**
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/09/69-11/02/77	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/25/69-11/02/77	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	8 ##	5.	14.375	70.	5.	510.268	22.589	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	02/25/69-04/17/85	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	8	1000.	987.5	1200.	800.	15535.714	124.642	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	8	50.	45.	60.	20.	200.	14.142	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/25/69-11/02/77	8 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	6	100.	105.	140.	80.	470.	21.679	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	8	19500.	36787.5	140000.	1000.	2449584107.143	49493.273	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	8	4.29	4.142	5.146	3.	0.527	0.726	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13869.247								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/69-11/02/77	3	35.	85.	210.	10.	11875.	108.972	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	8	0.1	0.106	0.2	0.05	0.004	0.062	**	**	**	**

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Annual Analysis for 1978 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	11	21.	19.727	27.	11.	33.618	5.798	11.	13.	24.	26.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	11	420.	430.	480.	400.	480.	21.909	402.	420.	440.	474.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	11	6.4	7.	9.8	4.9	3.082	1.756	5.	5.5	8.9	9.74
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	11	9.3	15.109	86.	3.	564.935	23.768	3.18	4.	12.	71.6
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	11	28.	61.455	390.	24.	11889.273	109.038	24.	25.	34.	319.
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	10	7.1	7.11	7.3	6.7	0.041	0.202	6.72	6.975	7.3	7.3
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	10	7.1	7.063	7.3	6.7	0.043	0.208	6.72	6.975	7.3	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	10	0.079	0.086	0.2	0.05	0.002	0.047	0.05	0.05	0.106	0.192
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	11	7.3	7.245	7.6	6.7	0.067	0.258	6.76	7.1	7.4	7.58
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	11	7.3	7.168	7.6	6.7	0.073	0.271	6.76	7.1	7.4	7.58
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	11	0.05	0.068	0.2	0.025	0.002	0.049	0.026	0.04	0.079	0.18
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	11	19.	19.	32.	11.	32.4	5.692	11.4	15.	22.	30.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	11	3.5	3.691	5.8	2.	1.271	1.127	2.02	3.3	4.6	5.64
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	11	3.1	3.264	5.6	2.2	1.365	1.168	2.22	2.3	3.6	5.54
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	11	0.4	0.4	0.5	0.3	0.006	0.077	0.3	0.3	0.5	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	11	0.21	0.226	0.33	0.15	0.002	0.046	0.16	0.2	0.26	0.316
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	11	0.51	0.585	1.2	0.08	0.16	0.4	0.108	0.25	1.03	1.18
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	11	32.	32.273	42.	25.	25.218	5.022	25.2	29.	35.	41.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	11	39.	39.455	47.	32.	20.873	4.569	32.6	36.	43.	46.8
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	11	20.	21.364	60.	5.	360.455	18.986	5.	5.	40.	56.
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	11	1100.	1063.636	1300.	700.	46545.455	215.744	720.	900.	1300.	1300.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	11	20.	25.455	40.	10.	127.273	11.282	10.	20.	40.	40.
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	11	120.	121.818	210.	50.	3936.364	62.74	52.	60.	190.	208.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	11	54000.	119815.455	640000.	670.34365	872427.273	185380.345	856.	1700.	180000.	550000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	11	4.732	4.471	5.806	2.826	0.951	0.975	2.902	3.23	5.255	5.701
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			29611.276								
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	11	0.2	0.295	0.9	0.05	0.102	0.319	0.05	0.05	0.4	0.9

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Annual Analysis for 1979 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	11	20.	20.091	30.	10.	52.491	7.245	10.	14.	27.	29.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	11	440.	434.545	540.	340.	4187.273	64.709	344.	380.	490.	534.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	11	7.4	7.318	10.6	5.1	3.028	1.74	5.14	5.5	8.4	10.3
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	11	5.2	9.309	47.	3.3	161.969	12.727	3.38	3.7	10.	39.6
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	11	18.	21.636	39.	10.	83.655	9.146	11.	15.	25.	38.6
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	8	7.3	7.337	7.5	7.2	0.014	0.119	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	8	7.3	7.324	7.5	7.2	0.014	0.12	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	8	0.05	0.047	0.063	0.032	0.	0.012	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	11	7.3	7.4	8.1	6.5	0.206	0.454	6.6	7.1	7.8	8.04
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	11	7.3	7.17	8.1	6.5	0.264	0.514	6.6	7.1	7.8	8.04
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	11	0.05	0.068	0.316	0.008	0.008	0.088	0.01	0.016	0.079	0.273
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	11	13.	13.909	25.	7.	38.691	6.22	7.	7.	20.	24.4
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	11	3.1	4.136	9.3	1.	7.733	2.781	1.06	2.3	5.3	9.22
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	11	2.2	2.409	6.	1.3	1.725	1.313	1.3	1.6	2.6	5.38
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	11	0.5	0.573	0.8	0.4	0.016	0.127	0.42	0.5	0.6	0.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	11	0.08	0.141	0.55	0.04	0.021	0.145	0.04	0.07	0.16	0.48
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	11	0.15	0.29	0.87	0.03	0.083	0.289	0.034	0.09	0.47	0.841
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	11	30.	29.636	35.	23.	18.055	4.249	23.2	26.	34.	35.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	11	43.	45.455	79.	35.	139.073	11.793	35.6	40.	46.	73.2
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	11	40.	38.182	80.	10.	796.364	28.22	10.	10.	60.	80.
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	11	900.	945.455	1600.	700.	68727.273	262.159	700.	800.	1000.	1520.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	11	20.	20.	20.	20.	0.	0.	20.	20.	20.	20.
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	11	40.	50.	90.	20.	640.	25.298	22.	30.	70.	90.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	11	33000.	204427.273	1800000.	2300.282022744181.818		531058.136	2320.	11000.	72000.	1472000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	11	4.519	4.547	6.255	3.362	0.655	0.809	3.365	4.041	4.857	6.045
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			35266.166								
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	11	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

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Annual Analysis for 1980 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	11	19.	17.636	28.	7.	47.255	6.874	7.2	11.	23.	27.2
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-12/18/85	4	160.	171.	280.	84.	7630.667	87.354	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	11	420.	419.727	490.	330.	1586.818	39.835	342.	407.	440.	480.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	11	7.5	8.236	11.	6.5	2.533	1.591	6.58	6.9	9.8	10.9
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	11	4.	4.164	10.	1.	5.557	2.357	1.16	3.	5.2	9.12
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	11	16.	15.727	22.	13.	5.818	2.412	13.2	14.	16.	21.
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	9	7.3	7.233	7.5	7.	0.03	0.173	7.	7.05	7.35	7.5
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	9	7.3	7.203	7.5	7.	0.031	0.176	7.	7.05	7.35	7.5
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	9	0.05	0.063	0.1	0.032	0.001	0.025	0.032	0.045	0.09	0.1
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	11	7.2	7.218	7.5	6.8	0.056	0.236	6.84	7.	7.5	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	11	7.2	7.16	7.5	6.8	0.059	0.244	6.84	7.	7.5	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	11	0.063	0.069	0.158	0.032	0.002	0.039	0.032	0.032	0.1	0.147
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	11	120.	119.818	130.	108.	44.364	6.661	108.4	114.	124.	128.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	11	13.	13.727	26.	6.	26.818	5.179	6.8	11.	15.	24.6
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	10	3.25	6.35	31.	1.	83.512	9.138	1.	1.	8.275	28.84
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	11	1.5	1.582	3.2	0.7	0.472	0.687	0.74	1.	1.9	2.98
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-12/18/85	11	2.1	2.018	3.5	0.9	0.548	0.74	0.96	1.3	2.5	3.34
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	11	0.5	0.473	0.6	0.3	0.014	0.119	0.3	0.4	0.6	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	11	0.05	0.06	0.12	0.03	0.001	0.029	0.03	0.04	0.09	0.114
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/29/80-06/19/85	11	5.6	5.691	8.9	4.2	1.993	1.412	4.24	4.5	6.6	8.52
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	11	0.005	0.007	0.018	0.005	0.	0.004	0.005	0.005	0.008	0.016
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	11	160.	163.455	190.	140.	228.073	15.102	142.	152.	176.	188.8
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	11	28.	30.545	40.	22.	37.273	6.105	22.4	27.	38.	39.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	11	40.	39.818	45.	31.	20.564	4.535	31.6	38.	44.	44.8

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Annual Analysis for 1980 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	11	10.	10.909	20.	10.	9.091	3.015	10.	10.	10.	18.
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	11	600.	690.	1200.	440.	75260.	274.336	440.	480.	780.	1198.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	11	20.	20.909	30.	20.	9.091	3.015	20.	20.	20.	28.
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	11	20.	32.727	100.	20.	641.818	25.334	20.	20.	30.	92.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	10	8850.	20249.	72000.	40.	577454898.889	24030.291	71.	912.5	39250.	69100.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	10	3.934	3.725	4.857	1.602	1.086	1.042	1.696	2.917	4.593	4.835
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			5306.142								
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	11	0.1	0.109	0.2	0.1	0.001	0.03	0.1	0.1	0.1	0.18

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Annual Analysis for 1981 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	11	19.	19.182	30.	6.	55.364	7.441	7.	14.	26.	29.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-12/18/85	11	320.	299.182	500.	19.	25213.764	158.788	29.6	180.	460.	496.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	11	420.	452.727	650.	360.	9141.818	95.613	360.	390.	480.	642.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	11	8.1	7.764	9.4	5.9	1.371	1.171	6.06	6.8	8.6	9.38
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	11	4.	4.1	9.3	1.8	3.658	1.913	1.98	2.8	4.4	8.34
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	11	18.	21.364	48.	9.	119.255	10.92	9.6	14.	25.	44.8
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	11	7.6	7.518	7.7	7.1	0.036	0.189	7.14	7.4	7.7	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	11	7.6	7.476	7.7	7.1	0.038	0.194	7.14	7.4	7.7	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	11	0.025	0.033	0.079	0.02	0.	0.018	0.02	0.02	0.04	0.074
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	11	7.4	7.336	7.6	7.	0.061	0.246	7.	7.1	7.6	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	11	7.4	7.274	7.6	7.	0.065	0.255	7.	7.1	7.6	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	11	0.04	0.053	0.1	0.025	0.001	0.03	0.025	0.025	0.079	0.1
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	11	118.	127.455	192.	114.	559.273	23.649	114.4	116.	124.	183.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	11	19.	17.	26.	8.	38.	6.164	8.4	11.	22.	25.6
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	11	3.8	5.709	16.7	1.	26.887	5.185	1.	1.6	7.9	15.96
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	11	0.8	1.1	3.	0.6	0.45	0.671	0.62	0.8	1.2	2.68
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-12/18/85	11	1.3	1.564	3.7	1.	0.561	0.749	1.02	1.2	1.7	3.32
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	11	0.5	0.645	1.6	0.3	0.125	0.353	0.32	0.5	0.7	1.46
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	11	0.04	0.093	0.38	0.03	0.011	0.106	0.03	0.03	0.11	0.34
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/29/80-06/19/85	11	4.9	6.118	13.3	4.3	8.11	2.848	4.3	4.6	6.2	12.6
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	11	0.005	0.008	0.025	0.005	0.	0.006	0.005	0.005	0.005	0.023
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	11	172.	186.545	316.	160.	2068.873	45.485	160.4	164.	176.	296.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	11	37.	39.545	71.	23.	236.073	15.365	23.4	27.	42.	69.6
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	11	40.	48.364	93.	38.	307.455	17.534	38.	40.	47.	88.6
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	11	10.	13.636	40.	10.	85.455	9.244	10.	10.	10.	36.
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	11	950.	922.727	1400.	560.	76781.818	277.095	572.	650.	1100.	1360.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	11	10.	15.455	50.	10.	147.273	12.136	10.	10.	20.	44.
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	11	70.	69.091	160.	30.	1249.091	35.342	32.	40.	80.	146.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	11	1300.	10784.545	95000.	10.	793486487.273	28168.892	120.	580.	3000.	78600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	11	3.114	3.126	4.978	1.	0.956	0.978	1.35	2.763	3.477	4.805
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1335.607								
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	11	0.1	0.164	0.8	0.1	0.045	0.211	0.1	0.1	0.1	0.66

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Annual Analysis for 1982 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	9	20.	18.889	26.	14.	21.861	4.676	14.	14.	22.5	26.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-12/18/85	9	20.	63.333	200.	9.	5250.75	72.462	9.	9.5	128.	200.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	9	470.	485.556	600.	410.	4252.778	65.213	410.	425.	540.	600.

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Annual Analysis for 1982 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	9	6.7	7.222	9.4	6.3	1.129	1.063	6.3	6.4	8.05	9.4
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	9	2.2	5.067	22.	1.4	42.613	6.528	1.4	1.75	5.05	22.
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	9	22.	26.333	67.	11.	305.75	17.486	11.	13.5	34.	67.
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	9	7.6	7.567	7.7	7.5	0.005	0.071	7.5	7.5	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	9	7.6	7.562	7.7	7.5	0.005	0.071	7.5	7.5	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	9	0.025	0.027	0.032	0.02	0.	0.004	0.02	0.025	0.032	0.032
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	9	7.5	7.533	7.9	7.2	0.045	0.212	7.2	7.4	7.7	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	9	7.5	7.49	7.9	7.2	0.047	0.217	7.2	7.4	7.7	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	9	0.032	0.032	0.063	0.013	0.	0.015	0.013	0.02	0.04	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	9	116.	123.	156.	108.	248.	15.748	108.	111.	134.	156.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	9	10.	20.444	87.	8.	646.778	25.432	8.	9.5	19.5	87.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	8	3.75	3.563	5.7	1.3	2.126	1.458	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	9	0.8	1.111	2.8	0.5	0.561	0.749	0.5	0.6	1.45	2.8
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-12/18/85	9	1.3	1.611	3.2	0.9	0.651	0.807	0.9	1.05	2.15	3.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	9	1.2	1.267	2.1	0.7	0.183	0.427	0.7	0.9	1.5	2.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	9	0.06	0.174	0.61	0.03	0.038	0.195	0.03	0.055	0.3	0.61
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/29/80-06/19/85	9	5.4	7.722	17.8	4.1	19.059	4.366	4.1	4.75	9.75	17.8
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	9	0.006	0.007	0.011	0.005	0.	0.002	0.005	0.005	0.01	0.011
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	9	198.	196.222	250.	158.	1008.444	31.756	158.	171.	222.	250.
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	9	46.	45.889	62.	34.	87.361	9.347	34.	37.	53.	62.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	9	51.	54.333	84.	36.	300.	17.321	36.	40.	70.	84.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	9	10.	12.778	35.	10.	69.444	8.333	10.	10.	10.	35.
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	9	1400.	1633.333	3600.	1000.	630000.	793.725	1000.	1150.	1800.	3600.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	9	10.	26.667	150.	10.	2150.	46.368	10.	10.	15.	150.
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	9	60.	84.444	240.	20.	4652.778	68.211	20.	40.	115.	240.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	9	640.	6112.111	43000.	9.	194716870.111	13954.099	9.	40.	4400.	43000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	9	2.806	2.708	4.633	0.954	1.502	1.225	0.954	1.54	3.641	4.633
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			510.418								
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	9	0.1	0.156	0.5	0.1	0.018	0.133	0.1	0.1	0.15	0.5

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Annual Analysis for 1983 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	9	20.	19.222	30.	10.	52.194	7.225	10.	12.5	25.5	30.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-12/18/85	9	18.	21.778	52.	10.	170.444	13.055	10.	12.	27.	52.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	9	440.	446.667	520.	400.	1700.	41.231	400.	410.	480.	520.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	9	6.3	6.689	9.2	6.1	0.944	0.971	6.1	6.2	6.7	9.2
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	8	3.25	3.25	4.8	1.5	0.906	0.952	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	9	18.	17.	23.	11.	16.5	4.062	11.	13.5	20.5	23.
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	8	7.6	7.563	7.7	7.4	0.014	0.119	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	8	7.6	7.548	7.7	7.4	0.014	0.12	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	8	0.025	0.028	0.04	0.02	0.	0.008	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	9	7.3	7.344	7.6	7.2	0.02	0.142	7.2	7.2	7.45	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	9	7.3	7.325	7.6	7.2	0.021	0.144	7.2	7.2	7.45	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	9	0.05	0.047	0.063	0.025	0.	0.014	0.025	0.036	0.063	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	9	116.	115.	127.	104.	51.25	7.159	104.	109.5	120.5	127.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	9	11.	11.556	20.	6.	17.778	4.216	6.	8.5	14.5	20.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	9	4.4	4.444	6.	2.6	1.08	1.039	2.6	3.85	5.35	6.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	9	1.2	1.267	2.3	0.9	0.203	0.45	0.9	0.9	1.45	2.3
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-12/18/85	9	1.8	1.933	3.2	1.2	0.518	0.719	1.2	1.35	2.55	3.2
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	9	0.9	0.889	1.2	0.5	0.049	0.22	0.5	0.75	1.05	1.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	9	0.06	0.06	0.09	0.03	0.001	0.023	0.03	0.04	0.085	0.09
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/29/80-06/19/85	9	5.2	4.9	6.4	2.9	1.673	1.293	2.9	3.55	6.	6.4
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	9	0.009	0.017	0.058	0.006	0.	0.017	0.006	0.008	0.021	0.058
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	9	178.	177.333	188.	168.	45.	6.708	168.	172.	183.	188.

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Annual Analysis for 1983 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	9	41.	44.	62.	34.	85.	9.22	34.	37.5	50.5	62.
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	9	46.	47.111	55.	41.	25.861	5.085	41.	42.5	52.5	55.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	9	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	9	1500.	1500.	2000.	1100.	137500.	370.81	1100.	1150.	1900.	2000.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	9	10.	11.111	20.	10.	11.111	3.333	10.	10.	10.	20.
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	9	60.	55.556	70.	40.	177.778	13.333	40.	40.	70.	70.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	8	360.	1203.75	5500.	10.	3798798.214	1949.051	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	8	2.515	2.38	3.74	1.	1.015	1.008	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			239.647								
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	9	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

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Annual Analysis for 1984 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	11	18.	17.727	29.	11.	34.018	5.833	11.2	12.	23.	28.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-12/18/85	11	12.	14.818	30.	8.	55.164	7.427	8.	10.	21.	29.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	11	410.	430.	580.	340.	4780.	69.138	346.	370.	480.	564.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	11	8.6	8.336	10.2	6.	1.431	1.196	6.16	7.7	9.2	10.02
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	11	3.1	4.4	10.	1.8	7.348	2.711	1.88	2.5	5.	9.8
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	10	15.5	18.7	36.	11.	74.678	8.642	11.2	13.	21.75	35.7
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	9	7.7	7.667	7.9	7.4	0.035	0.187	7.4	7.5	7.85	7.9
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	9	7.7	7.63	7.9	7.4	0.036	0.191	7.4	7.5	7.85	7.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	9	0.02	0.023	0.04	0.013	0.	0.01	0.013	0.014	0.032	0.04
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	11	7.2	7.227	7.6	7.	0.03	0.174	7.02	7.1	7.3	7.56
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	11	7.2	7.199	7.6	7.	0.031	0.176	7.02	7.1	7.3	7.56
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	11	0.063	0.063	0.1	0.025	0.	0.022	0.028	0.05	0.079	0.096
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	11	110.	114.909	132.	100.	105.091	10.251	101.2	106.	120.	131.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	11	12.	11.091	18.	4.	18.491	4.3	4.4	8.	14.	17.8
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	11	2.8	3.545	6.2	1.8	2.373	1.54	1.84	2.6	5.3	6.14
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	10	0.6	0.82	1.9	0.2	0.302	0.549	0.22	0.55	1.1	1.88
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-12/18/85	10	1.1	1.32	2.6	0.9	0.328	0.573	0.9	0.975	1.575	2.55
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	10	0.6	0.64	0.9	0.4	0.04	0.201	0.4	0.475	0.825	0.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	10	0.04	0.042	0.08	0.015	0.	0.018	0.017	0.03	0.045	0.078
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/29/80-06/19/85	10	4.45	4.72	7.1	2.5	2.595	1.611	2.58	3.375	6.475	7.09
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	10	0.005	0.007	0.028	0.003	0.	0.008	0.003	0.003	0.007	0.026
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	11	170.	170.	200.	150.	184.8	13.594	152.	160.	180.	196.4
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	11	36.	37.455	53.	28.	59.673	7.725	28.2	31.	44.	51.6
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	11	39.	40.545	65.	29.	100.873	10.044	29.6	33.	44.	62.2
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	9 ##	5.	6.667	10.	5.	6.25	2.5	5.	5.	10.	10.
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	9	950.	1304.444	2800.	500.	551602.778	742.7	500.	805.	1900.	2800.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	9	10.	7.778	10.	5.	6.944	2.635	5.	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	9	60.	55.556	90.	30.	477.778	21.858	30.	30.	70.	90.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	11	120.	2090.455	8100.	5.	9095212.273	3015.827	10.	30.	4600.	7840.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	11	2.079	2.482	3.908	0.699	1.218	1.104	0.855	1.477	3.663	3.893
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			303.481								
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	10 ##	0.05	0.07	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	12	16.5	16.	26.	4.	60.727	7.793	4.6	8.5	23.	26.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-12/18/85	12	10.5	10.	16.	6.	10.727	3.275	6.	6.5	12.	15.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	11	390.	385.455	430.	320.	1587.273	39.841	324.	350.	420.	430.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	12	8.2	8.017	10.5	5.6	3.029	1.74	5.66	6.475	9.825	10.47
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	11	2.8	2.845	5.	0.5	1.261	1.123	0.84	2.4	3.3	4.8
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	12	11.	12.75	22.	8.	17.841	4.224	8.6	10.	15.25	21.1
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	10	7.4	7.39	7.7	7.	0.054	0.233	7.01	7.175	7.55	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	10	7.4	7.332	7.7	7.	0.058	0.241	7.01	7.175	7.55	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	10	0.04	0.047	0.1	0.02	0.001	0.026	0.02	0.029	0.067	0.098
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	11	7.2	7.264	7.8	7.	0.051	0.225	7.02	7.1	7.4	7.72
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	11	7.2	7.22	7.8	7.	0.053	0.229	7.02	7.1	7.4	7.72
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	11	0.063	0.06	0.1	0.016	0.001	0.024	0.021	0.04	0.079	0.096
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	11	108.	109.091	118.	100.	33.891	5.822	100.8	104.	114.	118.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	11	11.	9.545	14.	4.	11.273	3.357	4.4	6.	13.	13.8
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	12	3.4	3.283	6.4	1.2	2.403	1.55	1.35	1.875	4.35	6.01
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	12	0.9	0.967	2.4	0.3	0.368	0.607	0.3	0.45	1.175	2.19
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-12/18/85	12	1.35	1.525	3.4	0.7	0.575	0.758	0.7	0.975	1.85	3.07
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	12	0.7	0.675	1.2	0.3	0.055	0.234	0.33	0.525	0.775	1.11
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	12	0.04	0.045	0.07	0.015	0.	0.015	0.02	0.04	0.058	0.067
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/29/80-06/19/85	6	4.25	4.183	5.1	3.1	0.954	0.977	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	12 ##	0.003	0.007	0.023	0.003	0.	0.007	0.003	0.003	0.013	0.021
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	11	160.	161.273	174.	144.	96.218	9.809	145.6	152.	170.	173.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	11	31.	31.	38.	22.	19.	4.359	23.2	29.	33.	37.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	11	37.	37.182	47.	31.	31.964	5.654	31.2	33.	40.	47.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/69-10/30/85	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	11 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01042	COPPER, TOTAL (UG/L AS CU)	02/25/69-04/17/85	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	12	1200.	1223.333	2300.	710.	212915.152	461.427	719.	807.5	1500.	2090.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	12	10.	8.333	10.	5.	6.061	2.462	5.	5.	10.	10.
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	12	50.	58.333	100.	30.	487.879	22.088	33.	40.	77.5	97.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	11	70.	2266.818	22000.	5.	43283201.364	6578.997	12.	40.	180.	18060.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	11	1.845	2.103	4.342	0.699	0.947	0.973	0.88	1.602	2.255	4.146
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			126.665								
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	12 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.085

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 9/16 to 1/15 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	105	15.	15.371	27.	3.	32.736	5.722	8.	11.	20.	23.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-12/18/85	29	21.	90.172	480.	5.	15780.933	125.622	6.	10.	108.	320.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/14/69-01/07/76	26	3.4	3.858	16.	1.	12.248	3.5	1.	1.	5.45	8.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	99	440.	561.434	1490.	300.	69339.82	263.325	350.	390.	680.	1000.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	106	6.95	6.893	13.8	1.1	4.629	2.152	4.2	5.5	8.125	9.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	106	5.	8.055	40.	1.3	56.223	7.498	2.1	3.375	9.775	20.
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	57	22.	44.281	920.	8.	14357.92	119.825	11.	15.5	31.5	75.
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	76	7.3	7.257	8.	6.4	0.125	0.354	6.77	7.	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	76	7.3	7.107	8.	6.4	0.148	0.385	6.77	7.	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	76	0.05	0.078	0.398	0.01	0.006	0.075	0.02	0.032	0.1	0.171
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	91	7.1	7.163	8.3	6.3	0.126	0.355	6.8	6.9	7.4	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	91	7.1	7.03	8.3	6.3	0.144	0.379	6.8	6.9	7.4	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	91	0.079	0.093	0.501	0.005	0.006	0.079	0.025	0.04	0.126	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	70	125.	154.443	268.	44.	3810.888	61.732	84.8	108.	226.	240.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	58	15.	20.948	200.	4.	815.243	28.552	7.8	11.	20.25	27.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/09/76	46	11.5	17.674	90.	1.	339.558	18.427	4.	6.	24.25	36.4
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	63	4.6	7.675	99.9	1.	163.156	12.773	1.7	2.9	8.	15.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/14/69-12/17/75	22	0.8	1.768	15.	0.	9.607	3.1	0.16	0.4	1.925	3.21
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	64	1.8	2.863	14.	0.1	10.026	3.166	0.6	0.925	3.15	6.65
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	55	0.5	0.698	2.5	0.1	0.381	0.617	0.1	0.2	1.	1.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-12/18/85	24	1.2	1.363	3.7	0.4	0.443	0.666	0.75	1.	1.675	2.15
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	53	0.6	0.732	1.6	0.1	0.145	0.38	0.3	0.4	1.	1.2
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/14/72	52	1.2	1.696	8.	0.	3.76	1.939	0.	0.125	2.275	3.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	54	0.12	0.413	5.2	0.015	0.772	0.879	0.04	0.05	0.343	1.05
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	57	0.05	0.294	1.79	0.003	0.183	0.428	0.005	0.01	0.475	1.084
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	70	160.	126.414	316.	10.	6084.333	78.002	27.	31.75	184.	197.8
00929	SODIUM, TOTAL (MG/L AS NA)	01/14/69-11/09/76	26	18.	45.346	200.	9.	2259.675	47.536	13.1	15.75	76.5	107.6
00937	POTASSIUM, TOTAL MG/L AS K)	01/14/69-11/09/76	26	8.	10.231	40.	6.	41.625	6.452	7.	7.	11.	13.3
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	81	27.	28.926	71.	13.	136.019	11.663	16.	21.5	32.	44.8
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	73	45.	55.836	160.	18.	622.5	24.95	30.8	38.5	74.	88.4
00951	FLUORIDE, TOTAL (MG/L AS F)	01/04/66-11/09/76	34	1.	104.582	882.	0.6	42952.203	207.249	0.65	0.8	80.3	402.
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/09/69-11/02/77	22	10.	1371.136	10000.	5.	12316247.457	3509.451	5.	8.75	10.	10000.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/25/69-11/02/77	22	10.	2734.773	20000.	5.	49307805.898	7021.952	5.	8.75	10.	20000.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/69-10/30/85	21	10.	1436.19	10000.	5.	12834299.762	3582.499	5.	10.	10.	10000.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	47	10.	18.191	100.	5.	459.158	21.428	5.	10.	20.	52.
01042	COPPER, TOTAL (UG/L AS CU)	02/25/69-04/17/85	22	20.	2746.818	20000.	10.	49239137.013	7017.06	10.	20.	30.	20000.
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	48	900.	1090.417	2200.	440.	196901.95	443.736	596.	800.	1375.	1810.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	51	20.	3558.627	80000.	5.	251084470.078	15845.645	10.	10.	50.	88.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/69-11/09/76	20	120.	178599.	3200000.	80.	508997272904.211	713440.448	90.	92.5	157.5	197000.
01067	NICKEL, TOTAL (UG/L AS NI)	02/25/69-11/02/77	22	0.04	7.292	60.	0.02	201.441	14.193	0.02	0.02	10.	27.
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	50	80.	14293.6	340000.	20.	3556843476.571	59639.278	30.	47.5	172.5	240.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-09/27/72	56	115000.	1122733.929	15000000.	300.	**********	2543291.728	3700.	20500.	877500.	4990000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-09/27/72	56	5.06	5.054	7.176	2.477	1.209	1.099	3.565	4.311	5.943	6.695
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			113236.798								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	63	670.	62096.968	1800000.	9.	57553992795.193	239904.133	10.	110.	31000.	104000.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	63	2.826	3.187	6.255	0.954	2.085	1.444	1.	2.041	4.491	5.016
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1538.041								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/69-11/02/77	27	62.	3914.	33000.	9.	58669779.385	7659.62	9.8	23.	7000.	15600.
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	48	0.1	0.155	0.9	0.05	0.032	0.178	0.05	0.1	0.1	0.41

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	51	10.	9.686	14.	4.	6.14	2.478	6.2	8.	12.	13.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-12/18/85	10	20.	53.9	300.	11.	7876.1	88.747	11.1	12.	55.5	277.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 1/16 to 3/15 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/14/69-01/07/76	9	4.	5.4	11.	1.	14.49	3.807	1.	2.	9.5	11.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	46	455.	656.63	1930.	360.	163199.394	403.979	380.	400.	982.5	1310.
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	50	9.15	8.496	14.5	0.6	7.675	2.77	4.82	6.625	10.2	11.45
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	51	6.	10.122	87.	1.3	178.339	13.354	2.94	3.8	11.	20.
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	23	24.	50.913	310.	8.	5023.81	70.879	14.	16.	39.	164.
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	35	7.2	7.223	7.7	6.4	0.102	0.32	6.76	7.1	7.4	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	35	7.2	7.094	7.7	6.4	0.12	0.346	6.76	7.1	7.4	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	35	0.063	0.081	0.398	0.02	0.006	0.08	0.02	0.04	0.079	0.175
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	41	7.1	7.078	7.6	6.2	0.083	0.288	6.62	6.9	7.3	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	41	7.1	6.967	7.6	6.2	0.095	0.309	6.62	6.9	7.3	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	41	0.079	0.108	0.631	0.025	0.011	0.105	0.04	0.05	0.126	0.241
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	34	125.	170.353	500.	90.	7634.296	87.374	100.	113.	230.	284.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	26	14.5	20.346	78.	6.	298.475	17.276	9.	10.	24.	42.3
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/09/76	26	12.5	24.538	110.	3.	748.898	27.366	4.4	6.	35.75	71.1
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	26	5.85	7.954	36.	1.	64.955	8.059	1.	3.275	11.	17.5
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/14/69-12/17/75	10	2.75	3.19	6.5	0.3	6.201	2.49	0.31	0.625	5.65	6.49
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	28	2.15	2.761	11.1	0.8	5.857	2.42	0.89	1.15	2.675	6.22
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	29	0.7	0.8	2.3	0.2	0.276	0.525	0.2	0.4	1.05	1.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-12/18/85	11	1.2	1.427	3.4	0.3	0.786	0.887	0.32	0.8	2.1	3.14
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	22	0.55	0.641	1.7	0.3	0.142	0.376	0.3	0.4	0.725	1.38
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/14/72	28	1.25	1.493	7.5	0.	3.776	1.943	0.	0.1	2.	3.63
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	22	0.105	0.429	2.2	0.015	0.433	0.658	0.033	0.048	0.568	1.78
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	23	0.058	0.395	1.26	0.003	0.204	0.452	0.005	0.019	0.87	1.152
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	34	168.	128.618	354.	30.	6515.577	80.719	32.5	36.5	180.5	199.
00929	SODIUM, TOTAL (MG/L AS NA)	01/14/69-11/09/76	12	21.5	46.75	126.	10.	1872.023	43.267	10.9	17.25	93.75	119.7
00937	POTASSIUM, TOTAL MG/L AS K)	01/14/69-11/09/76	12	7.5	17.333	110.	4.	873.879	29.561	4.3	6.25	11.75	83.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	38	27.	29.763	141.	13.	413.429	20.333	16.	21.	34.	39.2
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	32	49.	96.75	820.	31.	19576.387	139.916	38.	44.	94.25	182.8
00951	FLUORIDE, TOTAL (MG/L AS F)	01/04/66-11/09/76	17	0.8	111.859	411.	0.5	31690.411	178.018	0.58	0.65	350.5	395.8
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/09/69-11/02/77	10	10.	8.	10.	5.	6.667	2.582	5.	5.	10.	10.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/25/69-11/02/77	12	10.	3340.	20000.	5.	60557590.909	7781.876	5.	5.	10.	20000.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/69-10/30/85	8	10.	8.75	10.	5.	5.357	2.315	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	18	10.	27.222	100.	5.	933.007	30.545	5.	8.75	37.5	82.
01042	COPPER, TOTAL (UG/L AS CU)	02/25/69-04/17/85	12	25.	5855.	40000.	10.	189876100.	13779.554	10.	20.	60.	37000.
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	18	1050.	1212.222	2500.	600.	253747.712	503.734	618.	900.	1375.	2230.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	18	25.	38.611	90.	5.	793.546	28.17	9.5	10.	70.	72.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/69-11/09/76	8	140.	135.	200.	80.	2057.143	45.356	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	02/25/69-11/02/77	12	5.035	7.516	20.	0.02	74.741	8.645	0.02	0.02	17.5	20.
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	19	100.	17997.368	240000.	20.	3413674020.468	58426.655	30.	70.	220.	100000.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-09/27/72	32	12000.	296695.625	4300000.	100.	731377462547.984	855206.094	790.	4850.	107000.	1161000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-09/27/72	32	4.073	4.301	6.633	2.	1.149	1.072	2.892	3.686	5.029	5.994
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			19982.336								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	28	455.	12379.643	160000.	50.	1219614492.46	34922.979	99.	182.5	4225.	38800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	28	2.658	2.947	5.204	1.699	0.929	0.964	1.995	2.261	3.625	4.555
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			885.94								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/69-11/02/77	12	63.5	6619.5	26000.	20.	99019291.545	9950.844	26.	55.	17000.	23900.
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	19	0.1	0.142	0.6	0.05	0.019	0.137	0.05	0.1	0.1	0.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	118	19.	18.983	32.	7.	29.846	5.463	12.	14.	23.	27.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-12/18/85	29	18.	81.069	500.	5.	18748.495	136.925	10.	10.	49.	320.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/14/69-01/07/76	27	5.6	8.322	32.	1.	62.102	7.88	1.82	2.8	8.	18.88
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	111	440.	546.847	1750.	300.	68396.549	261.527	360.	400.	520.	1019.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 3/16 to 7/15 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	117	6.4	6.424	10.5	0.6	4.555	2.134	3.36	5.1	8.25	9.
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	120	4.95	12.263	380.	1.	1412.339	37.581	2.51	3.3	8.7	20.
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	63	23.	60.492	995.	10.	18368.931	135.532	13.	18.	38.	126.
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	79	7.3	7.309	8.4	6.5	0.134	0.366	6.8	7.	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	79	7.3	7.171	8.4	6.5	0.153	0.391	6.8	7.	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	79	0.05	0.068	0.316	0.004	0.003	0.057	0.02	0.025	0.1	0.158
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	103	7.2	7.138	7.8	6.3	0.105	0.324	6.7	6.9	7.4	7.56
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	103	7.2	7.023	7.8	6.3	0.118	0.344	6.7	6.9	7.4	7.56
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	103	0.063	0.095	0.501	0.016	0.006	0.074	0.028	0.04	0.126	0.2
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	75	122.	154.093	290.	70.	3489.707	59.074	105.2	114.	218.	246.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	70	15.	19.586	94.	3.	300.768	17.343	8.	11.	20.	35.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/09/76	57	12.	36.351	995.	1.	17300.518	131.531	2.	5.	26.	45.4
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	69	4.	6.235	46.	0.3	44.539	6.674	1.	2.6	8.25	13.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/14/69-12/17/75	23	1.4	2.317	10.	0.1	6.527	2.555	0.14	0.4	3.5	6.32
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	78	2.15	2.651	12.	0.1	4.596	2.144	0.8	1.375	3.1	5.72
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	56	0.55	1.138	8.9	0.1	3.367	1.835	0.17	0.3	0.9	2.69
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-12/18/85	28	1.55	1.65	3.5	0.2	0.745	0.863	0.38	1.1	2.25	3.02
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	63	0.5	0.668	2.7	0.2	0.172	0.415	0.3	0.4	0.8	1.06
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/14/72	58	1.1	1.874	9.3	0.	5.522	2.35	0.	0.1	2.3	5.64
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	59	0.1	0.325	3.5	0.03	0.405	0.636	0.04	0.05	0.21	1.1
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	63	0.05	0.279	1.3	0.001	0.145	0.381	0.005	0.006	0.47	1.092
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	75	160.	124.44	210.	23.	4486.898	66.984	29.	36.	174.	185.6
00929	SODIUM, TOTAL (MG/L AS NA)	01/14/69-11/09/76	26	18.	34.115	95.	10.	939.866	30.657	10.7	13.5	58.75	90.6
00937	POTASSIUM, TOTAL MG/L AS K)	01/14/69-11/09/76	26	8.	7.846	11.	5.	2.135	1.461	5.7	7.	9.	9.3
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	95	29.	28.716	62.	12.	101.376	10.069	16.	21.	35.	41.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	80	45.5	54.938	117.	10.	422.945	20.566	37.1	40.	71.75	86.8
00951	FLUORIDE, TOTAL (MG/L AS F)	01/04/66-11/09/76	35	0.8	91.814	423.	0.5	28885.47	169.957	0.6	0.6	1.	409.
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/09/69-11/02/77	29	10.	2764.483	10000.	5.	20656175.616	4544.907	5.	5.	10000.	10000.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/25/69-11/02/77	30	10.	5339.333	20000.	5.	80853351.264	8991.849	5.	5.	20000.	20000.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/69-10/30/85	26	10.	3083.077	10000.	5.	22114482.154	4702.604	5.	10.	10000.	10000.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	54	10.	19.444	190.	5.	796.855	28.229	5.	8.75	20.	40.
01042	COPPER, TOTAL (UG/L AS CU)	02/25/69-04/17/85	31	30.	12923.419	90000.	6.	680752321.118	26091.231	10.	10.	20000.	68000.
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	54	1150.	1299.63	3600.	600.	373256.464	610.947	700.	875.	1525.	2150.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	62	20.	12609.758	210000.	5.	1490848142.973	38611.503	10.	10.	72.5	61000.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/69-11/09/76	26	130.	52007.308	280000.	60.	7063062420.462	84042.028	77.	90.	140000.	190000.
01067	NICKEL, TOTAL (UG/L AS NI)	02/25/69-11/02/77	30	10.	10.351	50.	0.02	182.274	13.501	0.02	0.038	20.	20.
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	62	90.	38477.258	790000.	20.	15239507839.9	123448.402	33.	60.	190.	192000.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-09/27/72	62	108500.	964289.032	20000000.	80.	**********	2737185.43	860.	6550.	1002500.	2670000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-09/27/72	62	5.033	4.816	7.301	1.903	1.617	1.272	2.932	3.816	6.	6.418
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			65527.193								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	76	710.	11549.605	170000.	5.	878610663.175	29641.367	27.	100.	3475.	36600.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	76	2.851	2.886	5.23	0.699	1.27	1.127	1.424	2.	3.54	4.563
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			768.506								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/69-11/02/77	29	37.	3300.828	32000.	6.	47110436.362	6863.704	15.	22.	4000.	11000.
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	54	0.1	0.229	3.5	0.01	0.258	0.508	0.05	0.1	0.1	0.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/05/65-12/18/85	60	26.	25.3	31.	14.	17.4	4.171	19.	22.25	28.	30.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/13/70-12/18/85	12	13.	20.333	90.	6.	525.697	22.928	6.6	9.25	19.75	72.
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	01/14/69-01/07/76	16	4.	7.613	32.	1.	104.813	10.238	1.	1.	7.4	32.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/05/65-11/20/85	56	415.	530.429	1052.	220.	67865.958	260.511	337.	350.5	800.	976.5
00300	OXYGEN, DISSOLVED MG/L	01/05/65-12/18/85	61	5.8	5.241	7.7	1.7	2.148	1.466	3.02	4.1	6.4	6.8
00310	BOD, 5 DAY, 20 DEG C MG/L	01/05/65-11/20/85	60	3.35	5.895	47.	0.5	48.446	6.96	1.8	2.75	6.3	14.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #4: 7/16 to 9/15 - Station INDU0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00335	COD, .025N K2CR2O7 MG/L	01/14/69-12/18/85	29	18.	27.31	92.	10.	514.936	22.692	12.	13.	32.5	84.
00400	PH (STANDARD UNITS)	01/05/65-12/18/85	39	7.2	7.179	8.1	6.6	0.127	0.357	6.7	7.	7.4	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/05/65-12/18/85	39	7.2	7.05	8.1	6.6	0.145	0.38	6.7	7.	7.4	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/65-12/18/85	39	0.063	0.089	0.251	0.008	0.005	0.069	0.02	0.04	0.1	0.2
00403	PH, LAB, STANDARD UNITS SU	01/04/67-11/20/85	51	7.1	7.122	8.1	6.3	0.108	0.329	6.8	6.9	7.3	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/67-11/20/85	51	7.1	7.009	8.1	6.3	0.121	0.348	6.8	6.9	7.3	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/67-11/20/85	51	0.079	0.098	0.501	0.008	0.006	0.08	0.032	0.05	0.126	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	38	122.	162.395	408.	61.	5697.813	75.484	83.	109.5	226.5	254.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/13/71-11/20/85	33	11.	13.091	41.	1.	78.523	8.861	6.	7.5	15.5	29.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	01/04/67-11/09/76	34	6.	13.5	130.	0.	498.5	22.327	3.	4.75	14.25	29.
00556	OIL & GREASE (FREON EXTR.-GRAV METH) TOT,REC,MG/L	01/14/69-12/18/85	31	3.4	4.981	31.	1.	40.084	6.331	1.02	2.2	4.9	8.5
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/14/69-12/17/75	12	0.7	1.175	3.5	0.1	1.335	1.155	0.1	0.15	1.975	3.26
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/14/69-12/18/85	37	1.8	2.714	10.3	0.3	6.503	2.55	0.58	1.25	3.15	8.36
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/05/65-12/15/71	32	0.35	0.8	4.9	0.1	1.279	1.131	0.13	0.2	0.8	2.93
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/07/76-12/18/85	12	1.3	1.442	3.2	0.3	0.672	0.82	0.42	0.825	1.95	2.99
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/13/72-12/18/85	29	0.4	0.562	1.4	0.2	0.094	0.306	0.3	0.35	0.8	0.9
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	01/05/65-12/14/72	31	1.3	1.942	9.5	0.	5.327	2.308	0.	0.2	2.5	5.68
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/13/71-12/18/85	29	0.08	0.41	2.2	0.03	0.337	0.58	0.03	0.05	0.74	1.4
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/69-12/18/85	29	0.05	0.279	1.075	0.003	0.114	0.338	0.003	0.005	0.645	0.8
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/05/65-11/20/85	38	153.	121.289	322.	25.	6096.59	78.081	26.9	29.75	170.5	194.6
00929	SODIUM, TOTAL (MG/L AS NA)	01/14/69-11/09/76	16	16.5	30.75	82.	8.	841.533	29.009	9.4	12.	58.5	82.
00937	POTASSIUM, TOTAL MG/L AS K)	01/14/69-11/09/76	16	6.5	6.688	11.	3.	4.763	2.182	3.7	5.	8.75	9.6
00940	CHLORIDE,TOTAL IN WATER MG/L	01/05/65-11/20/85	47	22.	23.	43.	12.	71.435	8.452	13.	16.	28.	37.4
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/67-11/20/85	39	44.	52.282	83.	26.	341.945	18.492	33.	36.	73.	79.
00951	FLUORIDE, TOTAL (MG/L AS F)	01/04/66-11/09/76	20	0.75	106.7	598.	0.5	37637.992	194.005	0.51	0.6	250.775	413.6
00997	ARSENIC, INORGANIC TOT (UG/L AS AS)	04/09/69-11/02/77	16	10.	2506.875	10000.	5.	19963352.917	4468.037	5.	10.	7502.5	10000.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/25/69-11/02/77	16	10.	5006.875	20000.	5.	79926686.25	8940.173	5.	10.	15002.5	20000.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/09/69-10/30/85	16	10.	2506.875	10000.	5.	19963352.917	4468.037	5.	10.	7502.5	10000.
01034	CHROMIUM, TOTAL (UG/L AS CR)	09/09/71-12/18/85	26	10.	20.769	100.	5.	609.385	24.686	5.	8.75	30.	66.
01042	COPPER, TOTAL (UG/L AS CU)	02/25/69-04/17/85	16	20.	5641.25	30000.	10.	106055145.	10298.308	10.	20.	15010.	23000.
01045	IRON, TOTAL (UG/L AS FE)	09/09/71-12/18/85	26	1000.	1162.308	2200.	440.	295362.462	543.473	564.	700.	1600.	2030.
01051	LEAD, TOTAL (UG/L AS PB)	04/09/69-12/18/85	30	30.	4359.667	50000.	5.	149304622.299	12219.027	10.	17.5	52.5	20000.
01055	MANGANESE, TOTAL (UG/L AS MN)	04/09/69-11/09/76	16	130.	47586.25	330000.	70.	9757929958.333	98782.235	77.	92.5	60040.	260000.
01067	NICKEL, TOTAL (UG/L AS NI)	02/25/69-11/02/77	16	0.065	10.645	40.	0.02	219.131	14.803	0.02	0.023	20.	40.
01092	ZINC, TOTAL (UG/L AS ZN)	02/25/69-12/18/85	30	110.	22095.667	270000.	20.	3867376604.713	62188.235	30.	57.5	210.	126000.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/05/65-09/27/72	32	47000.	991727.5	19000000.	280.	**********	3376801.325	1000.	10750.	532500.	1920000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/05/65-09/27/72	32	4.672	4.786	7.279	2.447	1.385	1.177	3.	4.028	5.713	6.278
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			61041.555								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	37	2300.	12258.514	150000.	5.	727887526.201	26979.391	34.	185.	11500.	39800.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	01/13/70-12/18/85	37	3.362	3.16	5.176	0.699	1.3	1.14	1.482	2.267	4.06	4.6
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1444.836								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	01/14/69-11/02/77	15	17.	2612.	16000.	6.	26761818.	5173.183	6.6	12.	4000.	14200.
71900	MERCURY, TOTAL (UG/L AS HG)	01/17/73-12/18/85	25	0.1	0.15	0.9	0.05	0.033	0.18	0.05	0.1	0.1	0.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: INDU0332

NPS Station ID: INDU0332
LAT/LON: 41.608059/ -87.393892
Agency: 112WRD
Date Created: 06/22/85
Location: GRAND CALUMET R. @ INDUSTRIAL HWY. @ GARY,IN
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413629087233800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 04040001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 04040001010
RF1 Mile Point: 8.460
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 04040001001009.96
RF3 Mile Point: 21.36
Distance from RF3: 0.21
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0332

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: INDU0333

NPS Station ID: INDU0333 LAT/LON: 41.608337/ -87.395838 Agency: 1115GLSB Date Created: 05/01/82
Location: GRAND CALUMET RIVER AT INDUSTRIAL HIGHWAY FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GCR80-03 /GCR80-03S
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 04040001 Depth of Water: 0 Aquifer:
Major Basin: LAKE MICHIGAN Elevation: 0 Water Body Id:
Minor Basin: GALIEN ECO Region:
RF1 Index: 04040001010 RF1 Mile Point: 8.460 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 04040001001009.96 RF3 Mile Point: 13.38 Distance from RF3: 0.07 On/Off RF3:
Description:
DATA SUPPLIED BY US EPA GREAT LAKES NATIONAL PROGRAM OFFICE. DATA FROM THE GRAND CALUMET RIVER SEDIMENT STUDY.
SAMPLES ANALYZED FOR CONVENTIONAL AND TOXIC PARAMETERS. FOR INFORMATION, CONTACT: TONY KIZLAUSKAS EPA GLNPO (312) 353-3576.
SAMPLE TAKEN FROM THE GRAND CALUMET RIVER AT INDUSTRIAL HIGHWAY

Parameter Inventory for Station: INDU0333

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00339	COD, BOTTOM DEPOSITS, DRY WEIGHT MG/KG	12/04/80-12/04/80	1	79800.	79800.	79800.	79800.	0.	0.	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	12/04/80-12/04/80	1	50800.	50800.	50800.	50800.	0.	0.	**	**	**	**
00611	NITROGEN, AMMONIA, BOTTOM DEPOSITS (MG/KG-N)	12/04/80-12/04/80	1	510.	510.	510.	510.	0.	0.	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	12/04/80-12/04/80	1	1700.	1700.	1700.	1700.	0.	0.	**	**	**	**
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/04/80-12/04/80	1	670.	670.	670.	670.	0.	0.	**	**	**	**
00917	CALCIUM IN BOTTOM DEPOSITS (MG/KG AS CA DRY WGT)	12/04/80-12/04/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00924	MAGNESIUM IN BOTTOM DEPOS. (MG/KG AS MG DRY WGT)	12/04/80-12/04/80	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00934	SODIUM IN BOTTOM DEPOSITS (MG/KG AS NA DRY WGT)	12/04/80-12/04/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/04/80-12/04/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	12/04/80-12/04/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	12/04/80-12/04/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01023	BORON IN BOTTOM DEPOSITS (MG/KG AS B DRY WGT)	12/04/80-12/04/80	1 ##	40.	40.	40.	40.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01038	COBALT IN BOTTOM DEPOSITS (MG/KG AS CO DRY WGT)	12/04/80-12/04/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/04/80-12/04/80	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/04/80-12/04/80	1	400.	400.	400.	400.	0.	0.	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/04/80-12/04/80	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
01063	MOLYBDENUM IN BOT. DEPOSITS (MG/KG AS MO DRY WGT)	12/04/80-12/04/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/04/80-12/04/80	1	82.	82.	82.	82.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/04/80-12/04/80	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01088	VANADIUM IN BOTTOM DEPOSITS (MG/KG AS V DRY WGT)	12/04/80-12/04/80	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/04/80-12/04/80	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
01103	TIN IN BOTTOM DEPOSITS (MG/KG AS SN DRY WGT)	12/04/80-12/04/80	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	12/04/80-12/04/80	1	2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
01153	TITANIUM IN BOTTOM DEPOSITS (MG/KG AS TI DRY WGT)	12/04/80-12/04/80	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01170	IRON IN BOTTOM DEPOSITS (MG/KG AS FE DRY WGT)	12/04/80-12/04/80	1	130000.	130000.	130000.	130000.	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	12/04/80-12/04/80	1	9000.	9000.	9000.	9000.	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	12/04/80-12/04/80	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
45514	YTTRIUM IN SEDIMENT (MG/KG AS YTTRIUM DRY WT)	12/04/80-12/04/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/04/80-12/04/80	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: INDU0333

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	12/04/80-12/04/80	1	57.7	57.7	57.7	57.7	0.	0.	**	**	**	**
85207	SOLIDS, VOLATILE, IN SEDIMENT BY PERCENT	12/04/80-12/04/80	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: INDU0334

NPS Station ID: INDU0334
LAT/LON: 41.543892/ -87.402226
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR09W25 SENW S
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413238087240801
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 07120003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 07120003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 04040001053701.76
RF3 Mile Point: 12.86
Distance from RF3: 0.37
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/22/62-01/22/62	1	188.	188.	188.	188.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	01/22/62-01/22/62	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/22/62-01/22/62	1	132.	132.	132.	132.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/22/62-01/22/62	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/62-01/22/62	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	01/22/62-01/22/62	1	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/22/62-01/22/62	1	204.	204.	204.	204.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0334

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0335

NPS Station ID: INDU0335
LAT/LON: 41.527226/ -87.423059
Agency: 112WRD
Date Created: 04/14/78
Location: T36NR09W35 SWNE S
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413138087252301
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 07120003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 07120003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 07120003019200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.46
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0335

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/20/50-12/20/50	1	264.	264.	264.	264.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/20/50-12/20/50	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/20/50-12/20/50	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0335

				Total	Exceed	Prop.	9/16-1/15			1/16-3/15			3/16-7/15			7/16-9/15		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0336

NPS Station ID: INDU0336
LAT/LON: 41.517781/ -87.426393
Agency: 112WRD
Date Created: 04/14/78
Location: T35NR09W02 NWSE L
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413104087253501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 07120003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 07120003
RF1 Mile Point: 0.000
Distance from RF1: 13.90
On/Off RF1:
RF3 Index: 04040001053500.00
RF3 Mile Point: 5.94
Distance from RF3: 0.35
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0336

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/59-10/14/59	1	12.8	12.8	12.8	12.8	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/14/59-10/14/59	1	408.	408.	408.	408.	0.	0.	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	10/14/59-10/14/59	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/14/59-10/14/59	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/14/59-10/14/59	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/14/59-10/14/59	1	64.	64.	64.	64.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/14/59-10/14/59	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/14/59-10/14/59	1	525.	525.	525.	525.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0336

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: INDU0337

NPS Station ID: INDU0337
LAT/LON: 41.510004/ -87.460281
Agency: 112WRD
Date Created: 04/14/78
Location: T35NR09W04 SESW L
FIPS State/County: 18089 INDIANA/LAKE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 413036087273701
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 07120003
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 07120003
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 07120003001002.72
RF3 Mile Point: 3.18
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: INDU0337

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/56-04/26/56	1	12.8	12.8	12.8	12.8	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/26/56-10/14/59	2	378.	378.	460.	296.	13448.	115.966	**	**	**	**
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	04/26/56-10/14/59	2	12.	12.	24.	0.	288.	16.971	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/26/56-10/14/59	2	320.	320.	392.	248.	10368.	101.823	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/26/56-10/14/59	2	10.	10.	12.	8.	8.	2.828	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/14/59-10/14/59	1	115.	115.	115.	115.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/26/56-10/14/59	2	3250.	3250.	5000.	1500.	6125000.	2474.874	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/14/59-10/14/59	1	643.	643.	643.	643.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: INDU0337

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire INDU Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	906	7	0.01	277	4	0.01	174	2	0.01	327	1	0.00	128	0	0.00
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1211 &	245	0.20	382	103	0.27	149	20	0.13	462	118	0.26	218	4	0.02
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Fresh Acute	4.	1126	20	0.02	335	0	0.00				526	0	0.00	265	20	0.08
00300	OXYGEN, DISSOLVED	Fresh Acute	4.	4990 &	267	0.05	1601	42	0.03	779	25	0.03	1691	99	0.06	919	101	0.11
00400	PH	Other-Hi Lim.	9.	7845	15	0.00	2494	3	0.00	1226	7	0.01	2755	3	0.00	1370	2	0.00
		Other-Lo Lim.	6.5	7845	235	0.03	2494	53	0.02	1226	53	0.04	2755	94	0.03	1370	35	0.03
00403	PH, LAB	Other-Hi Lim.	9.	2519	2	0.00	784	0	0.00	343	1	0.00	943	1	0.00	449	0	0.00
		Other-Lo Lim.	6.5	2519	24	0.01	784	7	0.01	343	2	0.01	943	13	0.01	449	2	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	44	0	0.00	1	0	0.00	2	0	0.00	7	0	0.00	34	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	23	11	0.48	7	6	0.86	3	1	0.33	8	4	0.50	5	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1150	1	0.00	341	0	0.00	151	0	0.00	334	1	0.00	324	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2476	1	0.00	741	0	0.00	269	0	0.00	953	1	0.00	513	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	48	0	0.00	17	0	0.00	2	0	0.00	15	0	0.00	14	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	3478	468	0.13	1215	146	0.12	568	81	0.14	1215	160	0.13	480	81	0.17
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4734	2	0.00	1560	2	0.00	659	0	0.00	1611	0	0.00	904	0	0.00
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	400.	4434	47	0.01	1426	13	0.01	637	7	0.01	1517	18	0.01	854	9	0.01
00997	ARSENIC, INORGANIC TOT	Fresh Acute	360.	341	15	0.04	102	3	0.03	51	0	0.00	122	8	0.07	66	4	0.06
		Drinking Water	50.	341	15	0.04	102	3	0.03	51	0	0.00	122	8	0.07	66	4	0.06
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	209	0	0.00	57	0	0.00	47	0	0.00	70	0	0.00	35	0	0.00
		Drinking Water	50.	209	2	0.01	57	1	0.02	47	1	0.02	70	0	0.00	35	0	0.00
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	23	0	0.00	1	0	0.00	1	0	0.00				21	0	0.00
		Drinking Water	50.	23	0	0.00	1	0	0.00	1	0	0.00				21	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	879	0	0.00	273	0	0.00	88	0	0.00	334	0	0.00	184	0	0.00
		Drinking Water	50.	879	1	0.00	273	1	0.00	88	0	0.00	334	0	0.00	184	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	114	0	0.00	29	0	0.00	16	0	0.00	37	0	0.00	32	0	0.00
01006	BARIUM, SUSPENDED	Drinking Water	2000.	24	0	0.00	2	0	0.00	1	0	0.00				21	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	521	0	0.00	158	0	0.00	43	0	0.00	190	0	0.00	130	0	0.00
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	53	0	0.00	13	0	0.00				8	0	0.00	32	0	0.00
01011	BERYLLIUM, SUSPENDED	Fresh Acute	130.	21	0	0.00										21	0	0.00
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	63	0	0.00	14	0	0.00	5	0	0.00	17	0	0.00	27	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	238 &	37	0.16	58	9	0.16	46	13	0.28	72	11	0.15	62	4	0.06
		Drinking Water	5.	241 &	35	0.15	60	9	0.15	46	11	0.24	73	11	0.15	62	4	0.06
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	32	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00	25	0	0.00
		Drinking Water	5.	32	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00	25	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	899 &	264	0.29	275	85	0.31	94	38	0.40	337	89	0.26	193	52	0.27
		Drinking Water	5.	904 &	261	0.29	277	83	0.30	94	37	0.39	337	89	0.26	196	52	0.27
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	101	0	0.00	23	0	0.00	2	0	0.00	16	0	0.00	60	0	0.00
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	21	0	0.00										21	0	0.00
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	625	17	0.03	193	3	0.02	89	0	0.00	236	10	0.04	107	4	0.04
		Drinking Water	100.	625	15	0.02	193	3	0.02	89	0	0.00	236	8	0.03	107	4	0.04
01034	CHROMIUM, TOTAL	Drinking Water	100.	3219	13	0.00	1124	6	0.01	526	2	0.00	1120	3	0.00	449	2	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	167	17	0.10	46	6	0.13	27	4	0.15	38	5	0.13	56	2	0.04
		Drinking Water	1300.	167	0	0.00	46	0	0.00	27	0	0.00	38	0	0.00	56	0	0.00
01041	COPPER, SUSPENDED	Fresh Acute	18.	24	3	0.13	2	1	0.50	1	0	0.00				21	2	0.10
		Drinking Water	1300.	24	0	0.00	2	0	0.00	1	0	0.00				21	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	1036 &	295	0.28	315	93	0.30	113	46	0.41	387	100	0.26	221	56	0.25
		Drinking Water	1300.	1037	17	0.02	315	3	0.01	113	2	0.02	387	8	0.02	222	4	0.02
01049	LEAD, DISSOLVED	Fresh Acute	82.	231	1	0.00	60	1	0.02	43	0	0.00	69	0	0.00	59	0	0.00
		Drinking Water	5.	222 &	53	0.24	55	11	0.20	43	5	0.12	65	29	0.45	59	8	0.14
01050	LEAD, SUSPENDED	Fresh Acute	82.	32	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00	25	0	0.00
		Drinking Water	5.	32	20	0.63	2	1	0.50	1	1	1.00	4	4	1.00	25	14	0.56
01051	LEAD, TOTAL	Fresh Acute	82.	1374	26	0.02	428	8	0.02	150	1	0.01	517	13	0.03	279	4	0.01
		Drinking Water	5.	1181 &	852	0.72	362	262	0.72	133	115	0.86	452	331	0.73	234	144	0.62
01059	THALLIUM, TOTAL	Fresh Acute	1400.	38	0	0.00	12	0	0.00	5	0	0.00	15	0	0.00	6	0	0.00
		Drinking Water	2.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	230	0	0.00	58	0	0.00	46	0	0.00	67	0	0.00	59	0	0.00
		Drinking Water	100.	229 &	11	0.05	57	1	0.02	46	4	0.09	67	4	0.06	59	2	0.03
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	23	0	0.00	1	0	0.00	1	0	0.00				21	0	0.00
		Drinking Water	100.	23	0	0.00	1	0	0.00	1	0	0.00				21	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	797	0	0.00	235	0	0.00	112	0	0.00	292	0	0.00	158	0	0.00
		Drinking Water	100.	797	1	0.00	235	1	0.00	112	0	0.00	292	0	0.00	158	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire INDU Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
01075	SILVER, DISSOLVED	Fresh Acute	4.1	19	0	0.00	10	0	0.00	1	0	0.00	8	0	0.00			
		Drinking Water	50.	19	0	0.00	10	0	0.00	1	0	0.00	8	0	0.00			
01076	SILVER, SUSPENDED	Fresh Acute	4.1	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	50.	3	0	0.00	2	0	0.00	1	0	0.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	218 &	1	0.00	73	0	0.00	3	0	0.00	83	1	0.01	59	0	0.00
		Drinking Water	50.	499	1	0.00	159	0	0.00	45	0	0.00	187	1	0.01	108	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	243	42	0.17	60	11	0.18	47	15	0.32	73	12	0.16	63	4	0.06
01091	ZINC, SUSPENDED	Fresh Acute	120.	31	2	0.06	2	0	0.00	1	0	0.00	4	0	0.00	24	2	0.08
01092	ZINC, TOTAL	Fresh Acute	120.	864	174	0.20	259	52	0.20	116	23	0.20	323	65	0.20	166	34	0.20
01097	ANTIMONY, TOTAL	Fresh Acute	88.	38	0	0.00	12	0	0.00	5	0	0.00	15	0	0.00	6	0	0.00
		Drinking Water	10.	38	0	0.00	12	0	0.00	5	0	0.00	15	0	0.00	6	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	22	0	0.00	9	0	0.00	1	0	0.00	1	0	0.00	11	0	0.00
		Drinking Water	50.	22	0	0.00	9	0	0.00	1	0	0.00	1	0	0.00	11	0	0.00
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	50.	3	0	0.00	2	0	0.00	1	0	0.00						
01147	SELENIUM, TOTAL	Fresh Acute	20.	490	1	0.00	153	1	0.01	44	0	0.00	185	0	0.00	108	0	0.00
		Drinking Water	50.	490	1	0.00	153	1	0.01	44	0	0.00	185	0	0.00	108	0	0.00
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1681	1237	0.74	373	337	0.90	176	153	0.87	642	475	0.74	490	272	0.56
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	78	8	0.10	26	4	0.15	21	0	0.00	21	2	0.10	10	2	0.20
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	399	53	0.13							189	26	0.14	210	27	0.13
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2344 &	1384	0.59	644	384	0.60	282	186	0.66	915	553	0.60	503	261	0.52
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	5	4	0.80	1	0	0.00	2	2	1.00	2	2	1.00			
31648	E. COLI, MTEC, MF	Fresh Acute	126.	384	270	0.70	129	94	0.73	55	41	0.75	139	100	0.72	61	35	0.57
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT	Fresh Acute	28900.	133	0	0.00	45	0	0.00	21	0	0.00	43	0	0.00	24	0	0.00
32005	CARBON CHLOROFORM EXTRACTABLES	Fresh Acute	28900.	133	0	0.00	45	0	0.00	21	0	0.00	43	0	0.00	24	0	0.00
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLU	Fresh Acute	28900.	43	0	0.00	16	0	0.00	8	0	0.00	12	0	0.00	7	0	0.00
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBL	Fresh Acute	28900.	43	0	0.00	16	0	0.00	8	0	0.00	12	0	0.00	7	0	0.00
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	36	0	0.00	14	0	0.00	3	0	0.00	16	0	0.00	3	0	0.00
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	36	0	0.00	14	0	0.00	3	0	0.00	16	0	0.00	3	0	0.00
		Drinking Water	5.	36	0	0.00	14	0	0.00	3	0	0.00	16	0	0.00	3	0	0.00
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	31	0	0.00	12	0	0.00	2	0	0.00	14	0	0.00	3	0	0.00
		Drinking Water	5.	31	0	0.00	12	0	0.00	2	0	0.00	14	0	0.00	3	0	0.00
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	36	0	0.00	14	0	0.00	3	0	0.00	16	0	0.00	3	0	0.00
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	36	0	0.00	14	0	0.00	3	0	0.00	16	0	0.00	3	0	0.00
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	36	0	0.00	14	0	0.00	3	0	0.00	16	0	0.00	3	0	0.00
		Drinking Water	100.	36	0	0.00	14	0	0.00	3	0	0.00	16	0	0.00	3	0	0.00
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	31	0	0.00	12	0	0.00	2	0	0.00	14	0	0.00	3	0	0.00
		Drinking Water	1000.	31	0	0.00	12	0	0.00	2	0	0.00	14	0	0.00	3	0	0.00
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	35	0	0.00	14	0	0.00	2	0	0.00	16	0	0.00	3	0	0.00
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
34386	HEXACHLOROCYCLOPENTADIENE	Fresh Acute	7.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Drinking Water	50.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	36	0	0.00	14	0	0.00	3	0	0.00	16	0	0.00	3	0	0.00
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	35	0	0.00	14	0	0.00	2	0	0.00	16	0	0.00	3	0	0.00
		Drinking Water	5.	35	0	0.00	14	0	0.00	2	0	0.00	16	0	0.00	3	0	0.00
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	35	0	0.00	14	0	0.00	2	0	0.00	16	0	0.00	3	0	0.00
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	35	0	0.00	14	0	0.00	2	0	0.00	16	0	0.00	3	0	0.00
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	31	0	0.00	12	0	0.00	2	0	0.00	14	0	0.00	3	0	0.00
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	5.	4	0	0.00	2	0	0.00				2	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	31	0	0.00	12	0	0.00	2	0	0.00	14	0	0.00	3	0	0.00
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	35	0	0.00	14	0	0.00	2	0	0.00	16	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire INDU Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/16-1/15 Obs	9/16-1/15 Exceed	9/16-1/15 Prop.	1/16-3/15 Obs	1/16-3/15 Exceed	1/16-3/15 Prop.	3/16-7/15 Obs	3/16-7/15 Exceed	3/16-7/15 Prop.	7/16-9/15 Obs	7/16-9/15 Exceed	7/16-9/15 Prop.
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	9.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	35	0	0.00	13	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	35	0	0.00	11	0	0.00	5	0	0.00	16	0	0.00	3	0	0.00
		Drinking Water	1.	35	0	0.00	11	0	0.00	5	0	0.00	16	0	0.00	3	0	0.00
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	400.	94	1	0.01	20	1	0.05	17	0	0.00	35	0	0.00	22	0	0.00
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	35	0	0.00	14	0	0.00	2	0	0.00	16	0	0.00	3	0	0.00
		Drinking Water	5.	35	0	0.00	14	0	0.00	2	0	0.00	16	0	0.00	3	0	0.00
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	67	0	0.00	15	0	0.00	8	0	0.00	31	0	0.00	13	0	0.00
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	46	0	0.00	12	0	0.00	8	0	0.00	22	0	0.00	4	0	0.00
		Drinking Water	0.2	46	0	0.00	12	0	0.00	8	0	0.00	22	0	0.00	4	0	0.00
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	36	0	0.00	11	0	0.00	6	0	0.00	16	0	0.00	3	0	0.00
		Drinking Water	2.	36	0	0.00	11	0	0.00	6	0	0.00	16	0	0.00	3	0	0.00
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	40	0	0.00	10	0	0.00	6	0	0.00	20	0	0.00	4	0	0.00
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	60	0	0.00	13	0	0.00	6	0	0.00	28	0	0.00	13	0	0.00
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	64	0	0.00	15	0	0.00	6	0	0.00	31	0	0.00	12	0	0.00
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	63	0	0.00	15	0	0.00	7	0	0.00	28	0	0.00	13	0	0.00
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	67	0	0.00	15	0	0.00	8	0	0.00	31	0	0.00	13	0	0.00
		Drinking Water	0.2	67	0	0.00	15	0	0.00	8	0	0.00	31	0	0.00	13	0	0.00
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	21 &	0	0.00	3	0	0.00				9	0	0.00	9	0	0.00
		Drinking Water	3.	52	0	0.00	12	0	0.00	5	0	0.00	23	0	0.00	12	0	0.00
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	41	0	0.00	10	0	0.00	7	0	0.00	20	0	0.00	4	0	0.00
		Drinking Water	0.4	41	0	0.00	10	0	0.00	7	0	0.00	20	0	0.00	4	0	0.00
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	42	0	0.00	10	0	0.00	8	0	0.00	20	0	0.00	4	0	0.00
		Drinking Water	0.2	42	0	0.00	10	0	0.00	8	0	0.00	20	0	0.00	4	0	0.00
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	57	0	0.00	14	0	0.00	6	0	0.00	25	0	0.00	12	0	0.00
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Drinking Water	1.	5 &	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	36	0	0.00	11	0	0.00	6	0	0.00	16	0	0.00	3	0	0.00
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	22	0	0.00	3	0	0.00	1	0	0.00	9	0	0.00	9	0	0.00
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	21	0	0.00	3	0	0.00				9	0	0.00	9	0	0.00
		Drinking Water	0.2	21	0	0.00	3	0	0.00				9	0	0.00	9	0	0.00
50060	CHLORINE, TOTAL RESIDUAL	Marine Acute	0.013	77	25	0.32	26	10	0.38	21	10	0.48	21	4	0.19	9	1	0.11
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00
71855	NITRITE NITROGEN, TOTAL (AS NO2)	Drinking Water	3.3	1	0	0.00										1	0	0.00
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	43	0	0.00	9	0	0.00	2	0	0.00				32	0	0.00
		Drinking Water	2.	43	0	0.00	9	0	0.00	2	0	0.00				32	0	0.00
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	24	0	0.00	2	0	0.00	1	0	0.00				21	0	0.00
		Drinking Water	2.	24	0	0.00	2	0	0.00	1	0	0.00				21	0	0.00
71900	MERCURY, TOTAL	Fresh Acute	2.4	1263	7	0.01	398	4	0.01	146	0	0.00	462	3	0.01	257	0	0.00
		Drinking Water	2.	1263	10	0.01	398	6	0.02	146	0	0.00	462	3	0.01	257	1	0.00
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00
81287	DNBP(C10H12N2O5), WHOLE WATER SAMPLE	Drinking Water	7.	1	0	0.00				1	0	0.00						
81403	DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMP	Fresh Acute	0.083	0 &	0	0.00												
82624	ENDOSULFAN, BETA, WH WATER, TOTAL RECOVE	Fresh Acute	0.22	31	0	0.00	9	0	0.00	5	0	0.00	14	0	0.00	3	0	0.00

& - Below detection limit observations, for which half the detection limit exceeded the edit criterion, were excluded from the criterion comparison for this parameter

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Missing Level I Groups

There are STORET Data for Every Level I I&M Parameter Group Within the INDU Study Area

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

STORET Data Within the INDU Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	4393	668	782	2943	139
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	27	0	0	27	25
00435	ACIDITY, TOTAL (MG/L AS CACO3)	5	0	5	0	3
00440	BICARBONATE ION (MG/L AS HCO3)	352	0	325	27	55
00445	CARBONATE ION (MG/L AS CO3)	313	0	304	9	69
		5090	668	1416	3006	291(157)[1]

pH		Total Obs.	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	7845	668	2370	4807	188
00403	PH, LAB (STANDARD UNITS)	2537	707	839	991	38
		10382	1375	3209	5798	226(209)[1]

Conductivity		Total Obs.	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	1083	0	1083	0	41
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	4740	718	1461	2561	125
		5823	718	2544	2561	166(166)[1]

Dissolved Oxygen		Total Obs.	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	1126	0	1126	0	42
00300	OXYGEN, DISSOLVED (MG/L)	5006	620	1207	3179	97
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	822	0	12	810	49
		6954	620	2345	3989	188(140)[1]

Water Temperature		Total Obs.	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	7574	728	2553	4293	195
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	1292	0	0	1292	6
		8866	728	2553	5585	201(201)[1]

Flow		Total Obs.	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00056	FLOW RATE, GALLONS/DAY	3090	0	0	3090	26
00058	FLOW RATE, GALLONS/MIN.	480	0	0	480	1
00060	FLOW, STREAM, MEAN DAILY CFS	258	0	72	186	7
00061	FLOW, STREAM, INSTANTANEOUS CFS	13	0	12	1	2
00065	STAGE, STREAM (FEET)	20	0	20	0	19
		3861	0	104	3757	55 (55)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Clarity/Turbidity		Total Obs.	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	906	0	16	890	10
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	617	0	0	617	26
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1212	484	509	219	23
00077	TRANSPARENCY, SECCHI DISC (INCHES)	123	0	123	0	40
00078	TRANSPARENCY, SECCHI DISC (METERS)	22	0	22	0	8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	5250	774	930	3546	70
		8130	1258	1600	5272	177(144)[1]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	79	0	64	15	32
00602	NITROGEN, DISSOLVED (MG/L AS N)	33	0	33	0	14
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	618	54	189	375	29
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	47	0	47	0	16
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	47	0	47	0	16
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	4377	775	1319	2283	129
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	23	0	0	23	2
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	1150	0	30	1120	44
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	50	0	47	3	17
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	1225	349	870	6	94
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	2476	775	1298	403	79
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	66	0	66	0	35
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	8	0	8	0	2
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	47	0	47	0	16
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	1	0	1	0	1
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	1	0	1	0	1
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	19	0	18	1	19
		10267	1953	4085	4229	546(139)[1]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	1240	92	96	1052	34
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	172	0	172	0	52
00665	PHOSPHORUS, TOTAL (MG/L AS P)	2400	685	1223	492	97
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	151	4	106	41	27
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	225	0	225	0	59
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	1064	0	23	1041	18
		5252	781	1845	2626	287(166)[1]

Chlorophyll		Total Obs.	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	52	0	52	0	7
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	4	4	0	0	2
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	4	4	0	0	2
		60	8	52	0	11 (9)[1]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	3031	671	726	1634	103
00945	SULFATE, TOTAL (MG/L AS SO4)	4456	176	1649	2631	192
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	315	180	113	22	50
		7802	1027	2488	4287	345(199)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Bacteria		Total Obs.	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	1699	22	167	1510	49
31503	COLIFORM, TOT, MEMBRANE FILTER,DELAY,M-ENDOMED,35C	628	92	96	440	3
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	78	0	0	78	4
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	399	0	0	399	8
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	2345	370	977	998	49
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	5	0	5	0	1
31648	E. COLI - MTEC-MF	384	384	0	0	8
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	292	0	49	243	12
		5830	868	1294	3668	134 (77)[!]

[!]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements		Total Obs.	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01097	ANTIMONY, TOTAL (UG/L AS SB)	38	38	0	0	3
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	341	0	170	171	6
01000	ARSENIC, DISSOLVED (UG/L AS AS)	209	0	193	16	34
01001	ARSENIC, SUSPENDED (UG/L AS AS)	23	0	23	0	22
01002	ARSENIC, TOTAL (UG/L AS AS)	883	418	462	3	74
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	53	4	37	12	26
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	21	0	21	0	21
01012	BERYLLIUM, TOTAL (UG/L AS BE)	63	42	21	0	26
01025	CADMIUM, DISSOLVED (UG/L AS CD)	244	4	191	49	47
01026	CADMIUM, SUSPENDED (UG/L AS CD)	32	0	24	8	24
01027	CADMIUM, TOTAL (UG/L AS CD)	1039	212	634	193	74
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	56	0	0	56	8
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	101	4	42	55	39
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	21	0	21	0	21
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	642	185	292	165	25
01034	CHROMIUM, TOTAL (UG/L AS CR)	3240	650	894	1696	96
01040	COPPER, DISSOLVED (UG/L AS CU)	167	4	123	40	41
01041	COPPER, SUSPENDED (UG/L AS CU)	24	0	24	0	22
01042	COPPER, TOTAL (UG/L AS CU)	1060	215	653	192	92
01049	LEAD, DISSOLVED (UG/L AS PB)	231	4	178	49	46
01050	LEAD, SUSPENDED (UG/L AS PB)	32	0	24	8	24
01051	LEAD, TOTAL (UG/L AS PB)	1396	308	898	190	92
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	56	0	0	56	8
71890	MERCURY, DISSOLVED (UG/L AS HG)	43	0	42	1	26
71895	MERCURY, SUSPENDED (UG/L AS HG)	24	0	24	0	22
71900	MERCURY, TOTAL (UG/L AS HG)	1281	419	715	147	90
01065	NICKEL, DISSOLVED (UG/L AS NI)	230	4	186	40	42
01066	NICKEL, SUSPENDED (UG/L AS NI)	23	0	23	0	22
01067	NICKEL, TOTAL (UG/L AS NI)	819	211	412	196	58
01145	SELENIUM, DISSOLVED (UG/L AS SE)	22	0	20	2	16
01146	SELENIUM, SUSPENDED (UG/L AS SE)	3	0	3	0	1
01147	SELENIUM, TOTAL (UG/L AS SE)	490	278	212	0	42
01075	SILVER, DISSOLVED (UG/L AS AG)	19	4	3	12	4
01076	SILVER, SUSPENDED (UG/L AS AG)	3	0	3	0	1
01077	SILVER, TOTAL (UG/L AS AG)	499	286	213	0	43
01059	THALLIUM, TOTAL (UG/L AS TL)	38	38	0	0	3
01090	ZINC, DISSOLVED (UG/L AS ZN)	243	4	190	49	46
01091	ZINC, SUSPENDED (UG/L ZN)	31	0	23	8	23
01092	ZINC, TOTAL (UG/L AS ZN)	886	224	467	195	57
00720	CYANIDE, TOTAL (MG/L AS CN)	3496	595	931	1970	74
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	31	31	0	0	3
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	4	4	0	0	2
32104	BROMOFORM, WHOLE WATER, (UG/L)	36	35	1	0	6
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	36	35	1	0	6
34301	CHLOROBENZENE, TOTAL (UG/L)	35	35	0	0	5
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	36	35	1	0	6
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	133	0	0	133	1
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	133	0	0	133	1
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	43	0	0	43	1
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	43	0	0	43	1
32106	CHLOROFORM, WHOLE WATER (UG/L)	36	35	1	0	6
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	36	35	1	0	6
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	35	35	0	0	5
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	31	31	0	0	3
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	4	4	0	0	2

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Toxic Elements - Continued ...		Total Obs.	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	35	35	0	0	5
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	31	31	0	0	3
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	34	34	0	0	5
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	36	35	1	0	6
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	35	35	0	0	5
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	35	35	0	0	5
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	31	31	0	0	3
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	4	4	0	0	2
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	35	35	0	0	5
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	31	31	0	0	3
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	31	31	0	0	3
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	35	35	0	0	5
34586	2-CHLOROPHENOL, TOTAL (UG/L)	31	31	0	0	3
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	35	35	0	0	4
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	31	31	0	0	3
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	31	31	0	0	3
34591	2-NITROPHENOL, TOTAL (UG/L)	31	31	0	0	3
34646	4-NITROPHENOL, TOTAL (UG/L)	31	31	0	0	3
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	35	35	0	0	5
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	31	31	0	0	3
34205	ACENAPHTHENE, TOTAL (UG/L)	31	31	0	0	3
34200	ACENAPHTHYLENE, TOTAL (UG/L)	31	31	0	0	3
34220	ANTHRACENE, TOTAL (UG/L)	31	31	0	0	3
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	31	31	0	0	3
34247	BENZO-A-PYRENE, TOTAL (UG/L)	31	31	0	0	3
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	31	31	0	0	3
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	31	31	0	0	3
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	31	31	0	0	3
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	31	31	0	0	3
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	31	31	0	0	3
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	94	31	38	25	8
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	31	31	0	0	3
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	31	31	0	0	3
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	31	31	0	0	3
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	31	31	0	0	3
34320	CHRYSENE, TOTAL (UG/L)	31	31	0	0	3
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	31	31	0	0	3
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	31	31	0	0	3
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	31	31	0	0	3
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	31	31	0	0	3
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	31	31	0	0	3
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	31	31	0	0	3
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	31	31	0	0	3
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	31	31	0	0	3
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	31	31	0	0	3
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	31	31	0	0	3
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	31	31	0	0	3
34376	FLUORANTHENE, TOTAL (UG/L)	31	31	0	0	3
34381	FLUORENE, TOTAL (UG/L)	31	31	0	0	3
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	36	35	1	0	6
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	31	31	0	0	3
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	31	31	0	0	3
34396	HEXACHLOROETHANE, TOTAL (UG/L)	31	31	0	0	3
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	31	31	0	0	3
34408	ISOPHORONE, TOTAL (UG/L)	31	31	0	0	3

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Toxic Elements - Continued ...		Total Obs.	01/01/85 to 07/28/92	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34696	NAPHTHALENE, TOTAL (UG/L)	31	31	0	0	3
34447	NITROBENZENE, TOTAL (UG/L)	31	31	0	0	3
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	31	31	0	0	3
34461	PHENANTHRENE, TOTAL (UG/L)	31	31	0	0	3
34469	PYRENE, TOTAL (UG/L)	31	31	0	0	3
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	31	31	0	0	3
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	67	35	22	10	13
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	35	35	0	0	5
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	32	31	1	0	4
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	46	35	1	10	7
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	21	0	21	0	6
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	31	31	0	0	3
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	36	35	1	0	6
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	5	4	1	0	3
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	66	35	21	10	12
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	5	4	1	0	3
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	62	31	21	10	10
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	5	4	1	0	3
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	41	31	0	10	4
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	67	35	22	10	13
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	1	0	1	0	1
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	1	0	1	0	1
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	31	31	0	0	3
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	31	31	0	0	3
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	67	35	22	10	13
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	41	31	0	10	4
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	42	31	1	10	5
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	32	31	1	0	4
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	32	31	1	0	4
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	32	31	1	0	4
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	31	31	0	0	3
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	32	31	1	0	4
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	32	31	1	0	4
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	52	31	21	0	9
		21738	7091	8601	6046	1857(133)[1]

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NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Park Summary: Level I Group Currentness and Distribution

Parameter Group	Total Obs.	Obs. Since 1985	% Obs. Since 1985	Stations Measuring This Group	% of Total Stations Measuring This Group	Obs. Per Station Measuring This Group	Period of Record For This Group	Observations Per Year of Period of Record
Alkalinity	5090	668	13.1	157	48.8	32.4	04/29/35-07/28/92	88.9
pH	10382	1375	13.2	209	64.9	49.7	10/06/58-07/28/92	307.0
Conductivity	5823	718	12.3	166	51.6	35.1	08/31/62-07/28/92	194.7
Dissolved Oxygen	6954	620	8.9	140	43.5	49.7	11/03/58-07/28/92	206.1
Water Temperature	8866	728	8.2	201	62.4	44.1	04/29/35-07/28/92	154.9
Flow	3861	0	0.0	55	17.1	70.2	01/04/67-10/03/84	217.5
Clarity/Turbidity	8130	1258	15.5	144	44.7	56.5	10/06/58-07/28/92	240.4
Nitrate/Nitrogen	10267	1953	19.0	139	43.2	73.9	02/14/61-07/28/92	326.4
Phosphate/Phosphorus	5252	781	14.9	166	51.6	31.6	08/31/62-07/28/92	175.6
Chlorophyll	60	8	13.3	9	2.8	6.7	06/11/77-09/19/89	4.9
Sulfates/Total Dissolved Solids/Hardness	7802	1027	13.2	199	61.8	39.2	04/29/35-07/28/92	136.3
Bacteria	5830	868	14.9	77	23.9	75.7	10/06/58-07/28/92	172.4
Toxic Elements	21738	7091	32.6	133	41.3	163.4	10/06/58-07/28/92	642.9

Water Quality Observations
Outside STORET Edit Criteria for INDU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
INDU0001	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	750813		-0.1000000	21IND	350194	x
INDU0003	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	760513	1330	0.0000000	112WRD	413710086502700	x
INDU0009	00400	PH (STANDARD UNITS)	700112		74.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	700127		77.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	700224		76.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	700309		74.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	700323		72.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	700406		75.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	700420		70.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	700506		74.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	700518		71.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	700601		73.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	700629		74.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	700713		75.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	700727		74.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	700810		75.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	700824		75.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	700909		74.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	700929		79.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	701013		71.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	701026		76.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	701109		77.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	701123		76.0000000	21IND	174330	x
INDU0009	00400	PH (STANDARD UNITS)	701207		78.0000000	21IND	174330	x
INDU0009	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	700112		35.0000000	21IND	174330	
INDU0009	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	700506		42.0000000	21IND	174330	
INDU0009	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	700629		40.0000000	21IND	174330	
INDU0009	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	700713		40.0000000	21IND	174330	
INDU0009	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	700727		35.0000000	21IND	174330	
INDU0009	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	700810		50.0000000	21IND	174330	
INDU0009	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	700824		99.0000000	21IND	174330	
INDU0009	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	700909		40.0000000	21IND	174330	
INDU0009	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	700929		40.0000000	21IND	174330	
INDU0009	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	701013		35.0000000	21IND	174330	
INDU0030	01505	ALPHA, SUSPENDED	811021		-0.4000000	21IND	174337	x
INDU0030	03505	BETA, SUSPENDED	811021		-0.2000000	21IND	174337	x
INDU0077	00440	BICARBONATE ION (MG/L AS HCO3)	770119	0930	559.0000000	112WRD	413942087003701	
INDU0081	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	760729		-0.1000000	21IND	350447	x
INDU0090	00405	CARBON DIOXIDE (MG/L AS CO2)	770830	1245	383.0000000	112WRD	413843087050401	
INDU0091	00405	CARBON DIOXIDE (MG/L AS CO2)	770830	1230	241.0000000	112WRD	413843087050402	
INDU0093	00405	CARBON DIOXIDE (MG/L AS CO2)	780810	1235	121.0000000	112WRD	413839087051200	

Water Quality Observations
Outside STORET Edit Criteria for INDU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
INDU0097	00405	CARBON DIOXIDE (MG/L AS CO2)	770830	1010	352.0000000	112WRD	413800087054202	
INDU0098	00405	CARBON DIOXIDE (MG/L AS CO2)	771013	1540	104.0000000	112WRD	413830087055300	
INDU0101	00405	CARBON DIOXIDE (MG/L AS CO2)	770701	1955	141.0000000	112WRD	413813087060304	
INDU0101	01045	IRON, TOTAL (UG/L AS FE)	760928	1515	280000.0000000	112WRD	413813087060304	
INDU0102	00405	CARBON DIOXIDE (MG/L AS CO2)	770217	1435	127.0000000	112WRD	413813087060301	
INDU0102	00405	CARBON DIOXIDE (MG/L AS CO2)	770901	1840	212.0000000	112WRD	413813087060301	
INDU0103	00405	CARBON DIOXIDE (MG/L AS CO2)	770520	1100	205.0000000	112WRD	413814087060300	
INDU0103	00405	CARBON DIOXIDE (MG/L AS CO2)	780810	1430	181.0000000	112WRD	413814087060300	
INDU0103	00440	BICARBONATE ION (MG/L AS HCO3)	770311	1210	522.0000000	112WRD	413814087060300	
INDU0103	00440	BICARBONATE ION (MG/L AS HCO3)	770520	1100	510.0000000	112WRD	413814087060300	
INDU0103	00440	BICARBONATE ION (MG/L AS HCO3)	770728	1620	460.0000000	112WRD	413814087060300	
INDU0105	00405	CARBON DIOXIDE (MG/L AS CO2)	770831	1515	140.0000000	112WRD	413833087060701	
INDU0107	00405	CARBON DIOXIDE (MG/L AS CO2)	770831	1525	140.0000000	112WRD	413833087061301	
INDU0123	00405	CARBON DIOXIDE (MG/L AS CO2)	771220	1610	153.0000000	112WRD	413819087064801	
INDU0123	01020	BORON, DISSOLVED (UG/L AS B)	770310	1700	5500.0000000	112WRD	413819087064801	
INDU0123	01020	BORON, DISSOLVED (UG/L AS B)	770729	1415	7700.0000000	112WRD	413819087064801	
INDU0123	01022	BORON, TOTAL (UG/L AS B)	770830	1930	5200.0000000	112WRD	413819087064801	
INDU0123	01025	CADMIUM, DISSOLVED (UG/L AS CD)	780509	1655	800.0000000	112WRD	413819087064801	
INDU0126	01020	BORON, DISSOLVED (UG/L AS B)	770519	1235	5100.0000000	112WRD	413822087065200	
INDU0128	01020	BORON, DISSOLVED (UG/L AS B)	770311	1450	5500.0000000	112WRD	413820087065400	
INDU0129	01020	BORON, DISSOLVED (UG/L AS B)	770831	1240	11000.0000000	112WRD	413821087065401	
INDU0129	01020	BORON, DISSOLVED (UG/L AS B)	771012	1705	12000.0000000	112WRD	413821087065401	
INDU0129	01022	BORON, TOTAL (UG/L AS B)	770831	1240	12000.0000000	112WRD	413821087065401	
INDU0130	00405	CARBON DIOXIDE (MG/L AS CO2)	770310	1655	101.0000000	112WRD	413820087065501	
INDU0130	01020	BORON, DISSOLVED (UG/L AS B)	770729	1615	8300.0000000	112WRD	413820087065501	
INDU0130	01025	CADMIUM, DISSOLVED (UG/L AS CD)	780509	1715	700.0000000	112WRD	413820087065501	
INDU0130	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	771116	1645	32000.0000000	112WRD	413820087065501	
INDU0131	00405	CARBON DIOXIDE (MG/L AS CO2)	770830	1645	197.0000000	112WRD	413821087065702	
INDU0134	00405	CARBON DIOXIDE (MG/L AS CO2)	771221	1330	763.0000000	112WRD	413820087070600	
INDU0136	00405	CARBON DIOXIDE (MG/L AS CO2)	770830	1545	121.0000000	112WRD	413831087072102	
INDU0140	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	920422	0930	1200.0000000	21IND	170154	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720901		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720902		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720903		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720904		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720905		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720906		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720907		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720908		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720909		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720910		9.0000000	21INDN	312902	x

Water Quality Observations
Outside STORET Edit Criteria for INDU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720911		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720912		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720913		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720914		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720915		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720916		5.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720917		9.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720918		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720919		9.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720920		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720921		9.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720922		6.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720923		6.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720924		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720925		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720926		9.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720927		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720928		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	720929		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721001		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721002		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721003		9.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721004		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721005		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721006		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721007		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721008		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721009		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721010		5.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721011		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721012		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721013		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721014		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721015		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721016		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721017		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721018		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721019		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721020		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721021		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721022		14.0000000	21INDN	312902	x

Water Quality Observations
Outside STORET Edit Criteria for INDU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721023		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721024		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721025		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721026		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721027		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721028		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721029		16.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721030		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721031		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721101		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721102		16.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721103		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721104		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721105		15.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721106		15.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721107		4.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721108		5.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721109		5.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721110		6.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721111		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721112		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721113		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721114		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721115		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721116		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721117		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721118		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721119		15.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721120		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721121		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721122		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721123		17.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721124		17.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721125		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721126		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721127		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721128		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721129		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721130		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721201		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721202		9.0000000	21INDN	312902	x

Water Quality Observations
Outside STORET Edit Criteria for INDU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721203		9.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721204		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721205		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721206		7.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721207		7.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721208		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721209		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721210		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721212		9.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721213		9.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721214		7.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721215		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721216		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721217		7.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721218		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721219		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721220		7.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721221		7.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721222		7.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721223		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721224		4.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721225		4.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721226		5.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721227		6.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721228		4.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721229		6.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721230		4.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	721231		6.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730101		6.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730102		7.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730103		5.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730104		2.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730105		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730106		4.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730107		4.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730108		5.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730109		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730110		6.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730111		0.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730112		7.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730113		4.0000000	21INDN	312902	x

Water Quality Observations
Outside STORET Edit Criteria for INDU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730114		6.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730115		6.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730116		5.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730117		9.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730118		9.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730120		7.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730121		7.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730122		5.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730123		3.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730124		6.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730125		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730126		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730127		4.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730128		5.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730129		4.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730130		7.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730131		3.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730201		3.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730202		4.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730203		6.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730204		2.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730205		1.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730206		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730207		5.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730208		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730210		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730211		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730212		5.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730213		4.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730214		3.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730215		9.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730216		6.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730217		4.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730218		6.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730219		4.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730220		4.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730221		5.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730222		4.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730223		5.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730224		6.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730225		6.0000000	21INDN	312902	x

Water Quality Observations
Outside STORET Edit Criteria for INDU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730226		5.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730227		4.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730228		4.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730301		6.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730302		5.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730303		9.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730304		9.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730305		9.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730306		9.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730307		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730308		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730309		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730310		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730311		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730312		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730313		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730314		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730315		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730316		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730317		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730318		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730319		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730320		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730321		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730322		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730323		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730324		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730325		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730326		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730327		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730328		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730329		8.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730330		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730331		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730401		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730402		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730403		15.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730404		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730405		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730406		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730407		14.0000000	21INDN	312902	x

Water Quality Observations
Outside STORET Edit Criteria for INDU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730408		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730409		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730410		15.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730411		15.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730412		16.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730413		15.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730414		17.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730415		16.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730416		17.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730417		16.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730418		15.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730419		15.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730420		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730421		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730422		15.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730423		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730424		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730427		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730428		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730429		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730430		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730502		9.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730503		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730504		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730505		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730506		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730507		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730508		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730509		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730510		15.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730511		15.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730512		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730513		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730514		15.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730515		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730516		10.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730517		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730518		11.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730519		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730520		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730521		14.0000000	21INDN	312902	x

Water Quality Observations
Outside STORET Edit Criteria for INDU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730522		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730523		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730524		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730525		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730526		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730527		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730528		14.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730529		12.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730530		13.0000000	21INDN	312902	x
INDU0147	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	730531		11.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	720901		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	720919		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	720921		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	720923		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	720927		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721003		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721007		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721008		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721009		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721010		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721012		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721013		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721017		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721019		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721020		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721021		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721022		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721023		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721024		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721025		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721029		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721030		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721106		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721107		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721108		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721109		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721112		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721114		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721115		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721116		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	721118		0.0000000	21INDN	312902	x

Water Quality Observations
Outside STORET Edit Criteria for INDU

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NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721120		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721125		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721126		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721127		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721203		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721207		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721208		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721214		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721215		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721216		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721219		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721223		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721227		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721230		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	721231		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730103		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730106		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730113		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730116		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730117		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730121		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730122		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730124		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730125		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730127		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730130		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730131		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730202		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730203		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730204		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730205		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730206		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730207		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730208		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730210		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730211		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730212		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730218		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730221		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730226		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	730227		0.0000000	21INDN	312902	x

Water Quality Observations
Outside STORET Edit Criteria for INDU

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NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730228		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730301		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730302		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730303		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730307		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730313		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730317		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730320		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730322		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730323		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730327		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730328		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730329		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730331		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730401		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730402		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730405		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730410		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730411		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730412		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730413		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730414		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730415		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730416		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730418		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730421		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730424		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730428		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730502		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730503		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730504		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730505		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730508		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730512		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730516		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730518		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730523		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730526		0.0000000	21INDN	312902	x

Water Quality Observations
Outside STORET Edit Criteria for INDU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730528		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730529		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	730530		0.0000000	21INDN	312902	x
INDU0147	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	730531		0.0000000	21INDN	312902	x
INDU0147	00400	PH (STANDARD UNITS)	721221		0.0000000	21INDN	312902	x
INDU0147	00400	PH (STANDARD UNITS)	730417		0.0000000	21INDN	312902	x
INDU0179	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690127		7000.0000000	21IND	171414	
INDU0179	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	690210		13.0000000	21IND	171414	
INDU0184	00400	PH (STANDARD UNITS)	650105		80.0000000	21IND	170205	x
INDU0184	00400	PH (STANDARD UNITS)	700909		76.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660104		521.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660118		794.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660201		784.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660215		534.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660301		706.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660315		683.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660329		683.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660412		706.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660425		572.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660509		731.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660525		647.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660607		635.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660707		599.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660719		501.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660803		568.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660816		420.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660901		605.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660913		528.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	660927		719.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	661011		687.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	661108		679.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	661122		642.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	661206		696.0000000	21IND	170205	x
INDU0184	00951	FLUORIDE, TOTAL (MG/L AS F)	661220		662.0000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	730814		-0.3000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	730911		-0.4000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	731025		-0.3000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	731107		-0.3000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	731212		-0.5000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	740626		-0.5000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	740918		-0.5000000	21IND	170205	x

Water Quality Observations
Outside STORET Edit Criteria for INDU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
INDU0184	01503	ALPHA, DISSOLVED	741122		-0.2000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	750418		-0.1000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	750917		-0.5000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	751022		-0.2000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	751120		-0.8000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	760107		-0.1000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	760331		-1.0000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	760603		-0.3000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	760630		-0.0800000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	761006		-0.0600000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	770105		-0.7000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	770216		-0.7000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	770504		-0.4000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	770607		-1.0000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	770712		-0.2000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	770803		-0.4000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	770913		-0.2000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	771004		-0.1000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	771102		-0.2000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	810225		-0.1000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	810513		-0.1000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	810804		-0.0300000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	810922		-0.6000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	811209		-1.0000000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	840620		-0.0500000	21IND	170205	x
INDU0184	01503	ALPHA, DISSOLVED	841115		-0.3000000	21IND	170205	x
INDU0184	01505	ALPHA, SUSPENDED	730814		-0.3000000	21IND	170205	x
INDU0184	01505	ALPHA, SUSPENDED	731025		-0.1000000	21IND	170205	x
INDU0184	01505	ALPHA, SUSPENDED	740918		-0.2000000	21IND	170205	x
INDU0184	01505	ALPHA, SUSPENDED	741122		-0.3000000	21IND	170205	x
INDU0184	01505	ALPHA, SUSPENDED	741220		-0.0800000	21IND	170205	x
INDU0184	01505	ALPHA, SUSPENDED	750319		-0.0800000	21IND	170205	x
INDU0184	01505	ALPHA, SUSPENDED	751120		-0.0600000	21IND	170205	x
INDU0184	01505	ALPHA, SUSPENDED	751217		-0.0600000	21IND	170205	x
INDU0184	01505	ALPHA, SUSPENDED	761006		-0.3000000	21IND	170205	x
INDU0184	01505	ALPHA, SUSPENDED	761109		-0.2000000	21IND	170205	x
INDU0184	01505	ALPHA, SUSPENDED	770105		-0.4000000	21IND	170205	x
INDU0184	01505	ALPHA, SUSPENDED	770216		-0.2000000	21IND	170205	x
INDU0184	01505	ALPHA, SUSPENDED	770504		-0.1000000	21IND	170205	x
INDU0184	01505	ALPHA, SUSPENDED	771102		-0.0100000	21IND	170205	x
INDU0184	01505	ALPHA, SUSPENDED	810225		-0.1000000	21IND	170205	x

Water Quality Observations
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NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
INDU0184	01505	ALPHA, SUSPENDED	810922		-0.4000000	21IND	170205	x
INDU0184	01505	ALPHA, SUSPENDED	811209		-0.1000000	21IND	170205	x
INDU0184	01505	ALPHA, SUSPENDED	841115		-0.3000000	21IND	170205	x
INDU0184	03505	BETA, SUSPENDED	730220		-0.2000000	21IND	170205	x
INDU0184	03505	BETA, SUSPENDED	751217		-0.0100000	21IND	170205	x
INDU0184	03505	BETA, SUSPENDED	761006		-0.4000000	21IND	170205	x
INDU0184	03505	BETA, SUSPENDED	770105		-0.2000000	21IND	170205	x
INDU0208	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	660707		227.0000000	21IND	171416	x
INDU0208	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	660913		294.0000000	21IND	171416	x
INDU0208	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	670801		248.0000000	21IND	171416	x
INDU0208	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	770712		99.9000000	21IND	171416	x
INDU0264	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	720625		40.0000000	21INDN	313904	
INDU0264	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	720703		38.0000000	21INDN	313904	
INDU0264	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	720905		38.0000000	21INDN	313904	
INDU0264	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	720913		38.0000000	21INDN	313904	
INDU0291	00400	PH (STANDARD UNITS)	730106		85.0000000	21INDN	313913	x
INDU0309	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	720714		38.0000000	21INDN	313915	
INDU0328	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	690526	1030	257.0000000	1115G050	170141	
INDU0328	01045	IRON, TOTAL (UG/L AS FE)	670104	0840	60000.0000000	1115G050	170141	
INDU0328	01045	IRON, TOTAL (UG/L AS FE)	670207	0800	64000.0000000	1115G050	170141	
INDU0328	01045	IRON, TOTAL (UG/L AS FE)	670216	0830	64000.0000000	1115G050	170141	
INDU0328	01045	IRON, TOTAL (UG/L AS FE)	670301	0820	75000.0000000	1115G050	170141	
INDU0328	01045	IRON, TOTAL (UG/L AS FE)	670302	1215	65000.0000000	1115G050	170141	
INDU0328	01045	IRON, TOTAL (UG/L AS FE)	670310	0930	109000.0000000	1115G050	170141	
INDU0328	01045	IRON, TOTAL (UG/L AS FE)	670316	0810	65000.0000000	1115G050	170141	
INDU0328	01045	IRON, TOTAL (UG/L AS FE)	670322	0800	66000.0000000	1115G050	170141	
INDU0328	01045	IRON, TOTAL (UG/L AS FE)	670505	0830	107000.0000000	1115G050	170141	
INDU0328	01045	IRON, TOTAL (UG/L AS FE)	670510	1015	99000.0000000	1115G050	170141	
INDU0328	01045	IRON, TOTAL (UG/L AS FE)	670607	0818	61000.0000000	1115G050	170141	
INDU0328	01045	IRON, TOTAL (UG/L AS FE)	670706	0815	78000.0000000	1115G050	170141	
INDU0328	01045	IRON, TOTAL (UG/L AS FE)	690226	0800	80500.0000000	1115G050	170141	
INDU0328	01045	IRON, TOTAL (UG/L AS FE)	700204	1200	60000.0000000	1115G050	170141	
INDU0331	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	690409		995.0000000	21IND	170158	
INDU0331	00310	BOD, 5 DAY, 20 DEG C MG/L	690409		380.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660104		342.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660118		411.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660201		389.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660215		342.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660301		359.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660315		392.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660329		392.0000000	21IND	170158	

Water Quality Observations
Outside STORET Edit Criteria for INDU

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INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660412		421.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660426		378.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660510		423.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660524		378.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660607		403.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660621		418.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660707		380.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660719		401.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660802		598.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660816		375.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660901		415.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660913		334.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	660927		392.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	661011		317.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	661027		391.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	661108		412.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	661122		882.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	661206		418.0000000	21IND	170158	
INDU0331	00951	FLUORIDE, TOTAL (MG/L AS F)	661220		378.0000000	21IND	170158	
INDU0331	01027	CADMIUM, TOTAL (UG/L AS CD)	690225		20000.0000000	21IND	170158	
INDU0331	01027	CADMIUM, TOTAL (UG/L AS CD)	690311		20000.0000000	21IND	170158	
INDU0331	01027	CADMIUM, TOTAL (UG/L AS CD)	690409		20000.0000000	21IND	170158	
INDU0331	01027	CADMIUM, TOTAL (UG/L AS CD)	690422		20000.0000000	21IND	170158	
INDU0331	01027	CADMIUM, TOTAL (UG/L AS CD)	690506		20000.0000000	21IND	170158	
INDU0331	01027	CADMIUM, TOTAL (UG/L AS CD)	690520		20000.0000000	21IND	170158	
INDU0331	01027	CADMIUM, TOTAL (UG/L AS CD)	690603		20000.0000000	21IND	170158	
INDU0331	01027	CADMIUM, TOTAL (UG/L AS CD)	690617		20000.0000000	21IND	170158	
INDU0331	01027	CADMIUM, TOTAL (UG/L AS CD)	690701		20000.0000000	21IND	170158	
INDU0331	01027	CADMIUM, TOTAL (UG/L AS CD)	690715		20000.0000000	21IND	170158	
INDU0331	01027	CADMIUM, TOTAL (UG/L AS CD)	690729		20000.0000000	21IND	170158	
INDU0331	01027	CADMIUM, TOTAL (UG/L AS CD)	690812		20000.0000000	21IND	170158	
INDU0331	01027	CADMIUM, TOTAL (UG/L AS CD)	690826		20000.0000000	21IND	170158	
INDU0331	01027	CADMIUM, TOTAL (UG/L AS CD)	690909		20000.0000000	21IND	170158	
INDU0331	01027	CADMIUM, TOTAL (UG/L AS CD)	691202		20000.0000000	21IND	170158	
INDU0331	01027	CADMIUM, TOTAL (UG/L AS CD)	691216		20000.0000000	21IND	170158	
INDU0331	01027	CADMIUM, TOTAL (UG/L AS CD)	691230		20000.0000000	21IND	170158	
INDU0331	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	690409		10000.0000000	21IND	170158	
INDU0331	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	690422		10000.0000000	21IND	170158	
INDU0331	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	690506		10000.0000000	21IND	170158	
INDU0331	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	690520		10000.0000000	21IND	170158	
INDU0331	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	690603		10000.0000000	21IND	170158	

Water Quality Observations
Outside STORET Edit Criteria for INDU

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NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
INDU0331	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	690617		10000.0000000	21IND	170158	
INDU0331	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	690701		10000.0000000	21IND	170158	
INDU0331	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	690715		10000.0000000	21IND	170158	
INDU0331	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	690729		10000.0000000	21IND	170158	
INDU0331	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	690812		10000.0000000	21IND	170158	
INDU0331	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	690826		10000.0000000	21IND	170158	
INDU0331	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	690909		10000.0000000	21IND	170158	
INDU0331	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	691202		10000.0000000	21IND	170158	
INDU0331	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	691216		10000.0000000	21IND	170158	
INDU0331	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	691230		10000.0000000	21IND	170158	
INDU0331	01042	COPPER, TOTAL (UG/L AS CU)	690225		30000.0000000	21IND	170158	
INDU0331	01042	COPPER, TOTAL (UG/L AS CU)	690311		40000.0000000	21IND	170158	
INDU0331	01042	COPPER, TOTAL (UG/L AS CU)	690409		70000.0000000	21IND	170158	
INDU0331	01042	COPPER, TOTAL (UG/L AS CU)	690422		80000.0000000	21IND	170158	
INDU0331	01042	COPPER, TOTAL (UG/L AS CU)	690506		60000.0000000	21IND	170158	
INDU0331	01042	COPPER, TOTAL (UG/L AS CU)	690520		30000.0000000	21IND	170158	
INDU0331	01042	COPPER, TOTAL (UG/L AS CU)	690603		30000.0000000	21IND	170158	
INDU0331	01042	COPPER, TOTAL (UG/L AS CU)	690617		90000.0000000	21IND	170158	
INDU0331	01042	COPPER, TOTAL (UG/L AS CU)	690701		20000.0000000	21IND	170158	
INDU0331	01042	COPPER, TOTAL (UG/L AS CU)	690715		20000.0000000	21IND	170158	
INDU0331	01042	COPPER, TOTAL (UG/L AS CU)	690729		20000.0000000	21IND	170158	
INDU0331	01042	COPPER, TOTAL (UG/L AS CU)	690812		20000.0000000	21IND	170158	
INDU0331	01042	COPPER, TOTAL (UG/L AS CU)	690826		20000.0000000	21IND	170158	
INDU0331	01042	COPPER, TOTAL (UG/L AS CU)	690909		30000.0000000	21IND	170158	
INDU0331	01042	COPPER, TOTAL (UG/L AS CU)	691202		20000.0000000	21IND	170158	
INDU0331	01042	COPPER, TOTAL (UG/L AS CU)	691216		20000.0000000	21IND	170158	
INDU0331	01042	COPPER, TOTAL (UG/L AS CU)	691230		20000.0000000	21IND	170158	
INDU0331	01051	LEAD, TOTAL (UG/L AS PB)	690409		210000.0000000	21IND	170158	
INDU0331	01051	LEAD, TOTAL (UG/L AS PB)	690422		120000.0000000	21IND	170158	
INDU0331	01051	LEAD, TOTAL (UG/L AS PB)	690506		80000.0000000	21IND	170158	
INDU0331	01051	LEAD, TOTAL (UG/L AS PB)	690520		110000.0000000	21IND	170158	
INDU0331	01051	LEAD, TOTAL (UG/L AS PB)	690603		70000.0000000	21IND	170158	
INDU0331	01051	LEAD, TOTAL (UG/L AS PB)	690617		130000.0000000	21IND	170158	
INDU0331	01051	LEAD, TOTAL (UG/L AS PB)	690701		20000.0000000	21IND	170158	
INDU0331	01051	LEAD, TOTAL (UG/L AS PB)	690715		40000.0000000	21IND	170158	
INDU0331	01051	LEAD, TOTAL (UG/L AS PB)	690729		20000.0000000	21IND	170158	
INDU0331	01051	LEAD, TOTAL (UG/L AS PB)	690812		50000.0000000	21IND	170158	
INDU0331	01051	LEAD, TOTAL (UG/L AS PB)	690826		20000.0000000	21IND	170158	
INDU0331	01051	LEAD, TOTAL (UG/L AS PB)	690909		40000.0000000	21IND	170158	
INDU0331	01051	LEAD, TOTAL (UG/L AS PB)	691202		20000.0000000	21IND	170158	
INDU0331	01051	LEAD, TOTAL (UG/L AS PB)	691216		80000.0000000	21IND	170158	

Water Quality Observations
Outside STORET Edit Criteria for INDU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
INDU0331	01051	LEAD, TOTAL (UG/L AS PB)	691230		80000.0000000	21IND	170158	
INDU0331	01055	MANGANESE, TOTAL (UG/L AS MN)	690409		280000.0000000	21IND	170158	
INDU0331	01055	MANGANESE, TOTAL (UG/L AS MN)	690422		190000.0000000	21IND	170158	
INDU0331	01055	MANGANESE, TOTAL (UG/L AS MN)	690506		150000.0000000	21IND	170158	
INDU0331	01055	MANGANESE, TOTAL (UG/L AS MN)	690520		190000.0000000	21IND	170158	
INDU0331	01055	MANGANESE, TOTAL (UG/L AS MN)	690603		140000.0000000	21IND	170158	
INDU0331	01055	MANGANESE, TOTAL (UG/L AS MN)	690617		140000.0000000	21IND	170158	
INDU0331	01055	MANGANESE, TOTAL (UG/L AS MN)	690701		150000.0000000	21IND	170158	
INDU0331	01055	MANGANESE, TOTAL (UG/L AS MN)	690715		110000.0000000	21IND	170158	
INDU0331	01055	MANGANESE, TOTAL (UG/L AS MN)	690729		120000.0000000	21IND	170158	
INDU0331	01055	MANGANESE, TOTAL (UG/L AS MN)	690812		230000.0000000	21IND	170158	
INDU0331	01055	MANGANESE, TOTAL (UG/L AS MN)	690826		80000.0000000	21IND	170158	
INDU0331	01055	MANGANESE, TOTAL (UG/L AS MN)	690909		330000.0000000	21IND	170158	
INDU0331	01055	MANGANESE, TOTAL (UG/L AS MN)	691202		3200000.0000000	21IND	170158	
INDU0331	01055	MANGANESE, TOTAL (UG/L AS MN)	691216		200000.0000000	21IND	170158	
INDU0331	01055	MANGANESE, TOTAL (UG/L AS MN)	691230		170000.0000000	21IND	170158	
INDU0331	01092	ZINC, TOTAL (UG/L AS ZN)	690225		240000.0000000	21IND	170158	
INDU0331	01092	ZINC, TOTAL (UG/L AS ZN)	690311		100000.0000000	21IND	170158	
INDU0331	01092	ZINC, TOTAL (UG/L AS ZN)	690409		100000.0000000	21IND	170158	
INDU0331	01092	ZINC, TOTAL (UG/L AS ZN)	690422		250000.0000000	21IND	170158	
INDU0331	01092	ZINC, TOTAL (UG/L AS ZN)	690506		300000.0000000	21IND	170158	
INDU0331	01092	ZINC, TOTAL (UG/L AS ZN)	690520		290000.0000000	21IND	170158	
INDU0331	01092	ZINC, TOTAL (UG/L AS ZN)	690603		290000.0000000	21IND	170158	
INDU0331	01092	ZINC, TOTAL (UG/L AS ZN)	690617		790000.0000000	21IND	170158	
INDU0331	01092	ZINC, TOTAL (UG/L AS ZN)	690701		150000.0000000	21IND	170158	
INDU0331	01092	ZINC, TOTAL (UG/L AS ZN)	690715		210000.0000000	21IND	170158	
INDU0331	01092	ZINC, TOTAL (UG/L AS ZN)	690729		170000.0000000	21IND	170158	
INDU0331	01092	ZINC, TOTAL (UG/L AS ZN)	690812		270000.0000000	21IND	170158	
INDU0331	01092	ZINC, TOTAL (UG/L AS ZN)	690826		90000.0000000	21IND	170158	
INDU0331	01092	ZINC, TOTAL (UG/L AS ZN)	690909		130000.0000000	21IND	170158	
INDU0331	01092	ZINC, TOTAL (UG/L AS ZN)	691202		170000.0000000	21IND	170158	
INDU0331	01092	ZINC, TOTAL (UG/L AS ZN)	691216		200000.0000000	21IND	170158	
INDU0331	01092	ZINC, TOTAL (UG/L AS ZN)	691230		340000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690114		33000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690128		26000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690211		17000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690225		19000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690311		17000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690325		14000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690409		32000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690422		3000.0000000	21IND	170158	

Water Quality Observations
Outside STORET Edit Criteria for INDU

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690506		11000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690520		5000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690603		9000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690617		7000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690701		11000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690715		3000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690729		13000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690812		4000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690826		16000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690909		6000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	690923		15000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	691009		3000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	691021		3000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	691104		11000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	691118		18000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	691202		7000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	691216		7000.0000000	21IND	170158	
INDU0331	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	691230		8000.0000000	21IND	170158	

APPENDICES

Appendix A

Computer Files Transmitted With

Park Baseline Water Quality Data Inventory and Analysis

Computer disk(s) accompanying this report include up to seven (depending on the presence or absence of certain data elements) compressed (ZIP) files containing digital copies of nearly all the tables, figures, and other materials used to produce this report. To decompress these files, you must use the commonly available shareware program PKUNZIP. The command to type at the DOS prompt is:

PKUNZIP -E *COMPRESS.ZIP FILENAME.EXT*

where COMPRESS.ZIP is the name of one of the seven compressed (ZIP) files listed below and FILENAME.EXT is the name of the file you wish to extract. If you want to decompress all of the files in COMPRESS.ZIP, simply omit the FILENAME.EXT. To obtain a listing of all the files compressed into a particular ZIP file, type the following:

PKUNZIP -V *COMPRESS.ZIP* |MORE

where COMPRESS.ZIP is the name of one of the seven compressed ZIP files listed below. If a ZIP file spans multiple disks, use the last disk of the series (span) when obtaining a listing of all the files compressed into a particular ZIP file. Once you see the file you wish to obtain, substitute this file name for FILENAME.EXT in the first command line above to extract and decompress this particular file.

Included on one of the disk(s) accompanying this report is a program named PRINTZIP. This program will decompress ZIP files which don't span multiple disks and print certain files to a Hewlett-Packard (or compatible) Laser Printer. To use PRINTZIP, however, you must still have a copy of PKUNZIP in a directory listed in your path or in the same directory as the PRINTZIP program. PRINTZIP provides an easy, menu-driven interface for using PKUNZIP to decompress files and then send them to the printer. PRINTZIP allows you to send individual files, groups of files, or all files to the printer. PRINTZIP will not work with ZIP files that span multiple disks.

The following compressed (ZIP) files are included on the disk(s) accompanying this report:

(1) INDUTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) INDUSITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) INDUAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) INDUAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) INDUOV0.DOC - Overview of park and retrieved data.

(e) INDUOV1.DOC - Station period of record table.

(f) INDUOV2.DOC - Parameter period of record table.

(g) INDUOV3.DOC - Station/parameter period of record table.

(h) INDUINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) INDUSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) INDUEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) INDUIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) INDUBAD.DOC - Water quality observation values that were outside the range of one of 190 STORET edit criteria and were either discarded or retained.

All these compressed document files are in ASCII format and contain printer codes appropriate to Hewlett-Packard (or compatible) Laser Printers. While at the DOS prompt, any of these document files may be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the PRINT command. For example, if the document INDUOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\INDUOV1.DOC. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). Alternatively, you can use the PRINTZIP program to decompress and print any of these files provided the ZIP file doesn't span multiple disks. These ASCII files can also be imported into word-processed documents, but the printer codes will then have to be removed.

(2) INDUFIGS.ZIP

This compressed file contains graphics files for all the statistical figures (time series plots; annual box and whiskers plots; seasonal box and whiskers plots) in the report in two different formats: Computer Graphic Metafile (CGM) and Hewlett-Packard Printer Control Language (PCL). The files are named with the last three digits of the Station Name followed by the five digit STORET code. The file name extension begins with either a 1 (time series), 2 (annual), or 3 (seasonal) and then either GM for CGM or CL for PCL. For example, 00100300.2GM would denote the file contains an annual box and whiskers plot in CGM format for parameter 00300 (dissolved oxygen) at station INDU0001. While at the DOS prompt, any PCL file can be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the COPY command. For example, if the graphic 00100300.2CL (an annual box and whiskers plot of parameter 00300, dissolved oxygen, at station INDU0001) is in the subirectory C:\WATER, you would type: COPY C:\WATER\00100300.2CL LPT1: /B. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). The /B is necessary because the PCL file is in a binary format. Alternatively, you can use the PRINTZIP program to decompress and print any of the PCL files provided the ZIP file doesn't span multiple disks. The CGM files can be imported and/or edited in most graphics packages, including WordPerfect.

(3) INDUPARM.ZIP

This file compresses INDUPARM.DBF which contains all the actual values (raw data) of all the water quality data downloaded from STORET and summarized in the report. The detailed database structure for this file is contained in Appendix B.

(4) INDUSITE.ZIP

This compressed file contains up to five geo-referenced, DBASE III+ compatible site (point location) files documenting the location in the study area of water quality monitoring stations, industrial facilities discharges, drinking water intakes, water gages, and water impoundments. These files include:

(a) INDUWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) INDUIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) INDUDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) INDUGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) INDUDAMS.DBF - All water impoundments within the project's study area downloaded from the DAMS database. (Not implemented in INDU report.)

The absence of any of these files indicates that none of the particular sites were found within the study area. Detailed database structures for each of these files are contained in Appendix B.

(5) INDUMISC.ZIP

This compressed file contains a variety of graphic and document files that are contained in the report. They are grouped into this miscellaneous compressed (ZIP) file because they don't fit neatly into any of the other compressed files. The files contained in this compressed file include:

(a) INDUEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) INDUTOC.DOC - WordPerfect Ver. 5.1 copy of the report's Table of Contents.

(c) INTRO.DOC - WordPerfect Ver. 5.1 copy of all the text in the report from the Introduction through the Interpretive Guide to Water Quality Results.

(d) APPENDIX.DOC - WordPerfect Ver. 5.1 copy of all the Appendices in the report.

(e) INDUREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) INDUWQ - PCL and CLP (Windows Clipboard) copies of park maps displaying water quality station locations within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (INDUWQA, INDUWQB, INDUWQC, etc.) and the index map name will end with an ampersand (&).

(g) INDUIDG - PCL and CLP (Windows Clipboard) copies of park maps displaying locations of industrial facilities discharges, drinking water intakes, and stream gages within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (INDUIDGA, INDUIDGB, INDUIDGC, etc.) and the index map name will end with an ampersand (&). If no industrial facilities discharges, drinking water intakes, water gages, or water impoundments exist within the park's study area, these files will not be in the compressed (ZIP) file.

(h) INDUSEHY - PCL and CLP (Windows Clipboard) copies of the hydrographs or other materials used by WRD staff as the basis for a first attempt at a seasonal analysis of the park's water quality data.

Other materials may also be included in this miscellaneous compressed (ZIP) file as warranted by conditions at the park. As with INDUFIGS.ZIP and INDUTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in INDUMISC.ZIP provided the ZIP file doesn't span multiple disks. You should not, however, use PRINTZIP to print the WordPerfect document files. The CLP (Windows Clipboard) files can be imported (pasted) and/or edited in most Windows-based word processors and graphics packages.

(6) INDURF3.ZIP

This compressed file contains the Environmental Protection Agency's River Reach File Ver. 3.0 provisional data for the USGS catalog unit(s) encompassing the study area. The attribute data exist in both ASCII and DBASE III+ format, while the geographic traces exist in ASCII format. This compressed file contains four files for each catalog unit that touches the study area. Catalog units are identified by unique 8-character numeric names which identify the region, subregion, accounting unit, and catalog unit. Examples (your 8-character numeric names will be different) of the file types included in this compressed file are:

(a) 12345678.RF3 - ASCII formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(b) 12345678.DBF - DBASE III+ formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(c) 12345678.TRC - ASCII formatted geographic file from the River Reach File containing digital, geo-referenced descriptions of all hydrographic traces within the catalog unit at a scale of 1:100,000 suitable for import into a geographic information system.

(d) 12345678.CUB - ASCII formatted geographic file from the River Reach File containing a digital, geo-referenced description of the catalog unit boundary suitable for import into a geographic information system.

Detailed database structures for RF3-related files are contained in Appendix B.

(7) INDUWQMW.ZIP

Between 2000 and 2002, all Baseline Water Quality Data Inventory and Analysis Reports were compiled or re-compiled in Microsoft Word 2000 (Ver. 9.0) format. This complete, digital version of the report will be made available through various means, including the Internet. Although the reports can be opened in Microsoft Word 1997 (Ver. 8.0), the time series and annual and seasonal box-plots may not be centered appropriately on a page due to discrepancies with how Word 2000 formats pictures and how Word 1997 formatted pictures. Consequently, Word 2000 is the recommended software for viewing the report. Prior to printing the report from Word, be sure to enable "Print Text as Graphics" or "Print True Type Font as Graphics" in the Printer Properties. This ensures a more faithful reproduction of the maps included in the Word document.

The Microsoft Word version of the Baseline Water Quality Data Inventory and Analysis Report may differ slightly from the original analog version. Reports issued during 1994-1996 didn't have as many "bells-and-whistles" as subsequent reports. In compiling digital Microsoft Word versions of these earlier reports, attempts were made to bring these 1994-1996 reports up to the current standard wherever feasible and practicable. Unfortunately, some changes were not feasible or practicable. For example, water quality criteria screens were added or modified over time when newer criteria became available. The digital Microsoft Word version of Appendix F presents the latest criteria screening parameters and values. Some of these parameters and/or values may not have been screened against in the EPA water quality criteria analyses for each station and the entire study area in the 1994-1996 analog versions of the report. Similarly, the Introduction, Methodology, and Interpretive Guide to Water Quality Results may mention certain features that aren't included in the 1994-1996 reports. Additionally, to prepare a Microsoft Word version of this report, data were processed through different versions of software than used originally. Consequently, some results presented in the Overview and Executive Summary may differ slightly from those presented in the analog report (eg. # of In Park and Longer Term Stations).

Appendix B

Water Quality Database File Structures

The following table provides the DBASE III+ database field structure for all the water quality parameter data downloaded from STORET. This data will allow parks or other interested parties to replicate the statistical analyses and graphics contained in this report; perform more sophisticated analyses; or to establish a baseline park water quality database.

Parameter Data File: INDUPARM.DBF in INDUPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
BEGDATE	9	14	6	Measurement Start Date [yymmdd]
BEGTIME	15	18	4	Measurement Start Time [hhmm]
PARMCODE	19	23	5	STORET Parameter Code
PARMVALU	24	39	16.7	Parameter Value
REMARK	40	40	1	Parameter Remark Value
				A=Value is Mean of 2 or More Determinations
				B=Results Based Upon Colony Counts Outside Acceptable Range
				C=Value Calculated
				D=Field Measurement
				E=Extra Sample Taken in Compositing Process
				F=Female Species
				G=Maximum of 2 or More Determinations
				H=Based on Field Kit Determination
				I=Value is Less Than Practical Quantitation Limit and Greater Than or Equal to the Method Detection Limit
				J=Estimated, Not the Result of Analytic Measurement
				K=Off-scale Low, Actual Value Not Known, But Known to be Less Than Value Shown
				L=Off-scale High, Actual Value Not Known, But Known to be Greater Than Value Shown

Parameter Data File: INDUPARM.DBF in INDUPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				M=Presence Verified, But Not Quantified, Below Quantification Limit; For Species, Male; For Oxygen Reduction Potential, Indicates a Negative Value
				N=Presumptive Evidence of Presence
				O=Analysis Lost
				P=Too Numerous to Count
				Q=Exceeded Normal Holding Time
				R=Significant Rain in Last 48 Hours
				S=Laboratory test
				T=Less Than Detection Criteria
				U=Analyzed For But Not Detected, Value is Detection Limit For Process Used; If Species, Undetermined
				V=Analyte was Detected in Sample and Method Blank
				W=Less Than Lowest Value Reportable Under Remark "T"
				X=Quasi Vertically-Integrated Sample
				Y=Analysis of Unpreserved Sample
				Z=Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value
				$=Calculated By Retrieval Software
MEDIA	41	46	6	Sample Media
DEPTH	47	55	9.3	Depth of Sample [in feet]
ENDDATE	56	61	6	Measurement End Date [yymmdd] [all composite samples]
ENDTIME	62	65	4	Measurement End Time [hhmm] [all composite samples]
SAMPTYPE	66	69	4	Type of Sample ["sophisticated" composite samples]
				C=Continuous Collection
				G=Collection of Individual Grab Samples
				GNxx=xx is the Number of Individual Grab Samples
				B=N/A

Parameter Data File: INDUPARM.DBF in INDUPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
COMPTYPE	70	70	1	Composite Value Type ["sophisticated" composite samples]
				A=Average
				H=Maximum
				L=Minimum
				N=Number of Observations
				#=Number of Observations
				S=Standard Deviation
				U=Sum of Squares
				V=Variance
				C=Coefficient of Error
				X=Coefficient of Variance
				E=Skewness
				F=Kurtosis
				Z=Number of Observations That Exceed an Established Limit
				%=Precision
				$=Accuracy
				B=N/A
				D=Indicates Replicate Sample
COMPST	71	71	1	Composite Space/Time Indicator
				S=Space
				T=Time
				B=Space and Time
				F=Flow Proportional
				1-9=Replicate Number

Note: DBASE III+ record lengths will be one greater than the last stop column displayed (71 here) because DBASE III+ reserves the first space/column of every record for a deletion flag. Hence, DBASE III+ will display a record length of 72 for this database.

The following table provides the DBASE III+ database field structure for all the water quality station locations downloaded from STORET. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Quality Station Data File: INDUWQ.DBF in INDUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
AGENCY	9	16	8	Agency Code of Station Owner
STORIDP	17	31	15	STORET Primary Station Code
STORIDS1	32	43	12	STORET First Secondary Station Code
STORIDS2	44	55	12	STORET Second Secondary Station Code
STORIDS3	56	65	10	STORET Third Secondary Station Code
LATITUDE	66	73	8	Station Latitude [degrees:minutes:seconds]
LONGITUDE	74	82	9	Station Longitude [degrees:minutes:seconds]
LAT	83	93	11.6	Station Latitude [decimal degrees, (-) below equator]
LON	94	104	11.6	Station Longitude [decimal degrees, (-) western hemisphere]
LLPREC	105	105	1	Latitude/Longitude Precision Code
RMI	106	329	224	River Mile Index
STATLOC	330	377	48	Station Location Description
CNTYCODE	378	382	5	FIPS State/County Code
STNAME	383	398	16	State Name
CNTYNAME	399	418	20	County Name
HYDUNIT	419	426	8	Hydrologic Unit Code (MAJ/MIN/SUB = Catalog Unit)
MAJBASN	427	450	24	Major Basin Name
MINBASN	451	490	40	Minor Basin Name
STATTYPE	491	550	60	Station Type
STORDATE	551	556	6	Date Station was Stored in STORET
RF1INDEX	557	567	11	RF1 Reach Number Location [2]
RF1MILE	568	575	8.3	Mile Point on RF1 Reach [2]
RF1LOC	576	578	3	Indicates the Location as ON or OFF RF1 Reach [2]
RF1DIST	579	584	6.2	Distance From RF1 Reach

Water Quality Station Data File: INDUWQ.DBF in INDUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
RF3INDEX	585	601	17	RF3 Reach Number Location [3]
RF3MILE	602	607	6.2	Mile point on RF3 Reach [3]
RF3LOC	608	610	3	Indicates the Location as ON or OFF RF3 Reach [2]
RF3DIST	611	616	6.2	Distance From RF3 Reach
DEPH2O	617	620	4	Depth of Water at Station Location [in feet]
ELEV	621	625	5	Station Elevation
ECOREG	626	628	3	ECO Region
H2OBODY	629	678	50	Waterbody ID
AQUIFERS	679	718	40	Aquifer Description
STATDESC1	719	790	72	Station Sentence Description
STATDESC2	791	862	72	Station Sentence Description
STATDESC3	863	934	72	Station Sentence Description
STATDESC4	935	1006	72	Station Sentence Description
STATDESC5	1007	1078	72	Station Sentence Description
STATDESC6	1079	1150	72	Station Sentence Description
STATDESC7	1151	1222	72	Station Sentence Description
STATDESC8	1223	1294	72	Station Sentence Description
STATDESC9	1295	1366	72	Station Sentence Description
STATDESC10	1367	1438	72	Station Sentence Description
STATDESC11	1439	1510	72	Station Sentence Description
STATDESC12	1511	1582	72	Station Sentence Description
STATDESC13	1583	1654	72	Station Sentence Description
STATDESC14	1655	1726	72	Station Sentence Description
STATDESC15	1727	1798	72	Station Sentence Description
STATLOCKED	1799	1799	1	Station Locked (Logical) True/False

The following table provides the DBASE III+ database field structures for the EPA Industrial Facilities Discharge database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Industrial Facilities Discharges File: INDUIFD.DBF in INDUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	9	9	Site Identifier (NPDES Number)
LATITUDE	10	17	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	18	26	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	27	37	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	38	48	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	49	59	11	RF1 Reach Number Location
RF1MILE	60	65	6.2	Mile Point on RF1 Reach
RF1DIST	66	71	6.2	Distance From RF1 Reach
RF3INDEX	72	88	17	RF3 Reach Number Location
RF3MILE	89	94	6.2	Mile Point on RF3 Reach
RF3DIST	95	100	6.2	Distance From RF3 Reach
ADR	101	125	25	Address
BFL	126	132	7.2	Total Direct Combined C&P Flow (1000 GPD)
CCFLG	133	133	1	Coastal County Flag "Y"/"N"/"E"=Estuary
CC1	134	138	5	City Code #1 (EPA Code)
CFL	139	145	7.2	Total Direct Cooling Flow (1000 GPD)
CNC	146	148	3	County Code (FIPS)
CTY	149	168	20	City Name
CZIP	169	177	9	Canadian Zip Code
DNB	178	186	9	Dunn & Bradstreet Number
DNBFLG	187	187	1	Dunn & Bradstreet PCS Source Flag
EGF	188	202	15.4	Flow From Effluent Guidelines (1000 GPD)
EGS	203	208	6	Effluent Guidelines Subcategory
EXPDT	209	216	8	Expiration Date (mm/dd/yy)
E308SN	217	220	4	Effluent Guidelines Survey Number
FAC	221	229	9	SCS Facility Identifier (Cross-Reference)
FDS	230	232	3	Facility Data Source

Industrial Facilities Discharges File: INDUIFD.DBF in INDUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FFL	233	239	7.2	Total Facility Flow (1000 GPD)
FHF	240	240	1	Fac. Hit Flag (Reach File) V=Versar Assumed
FLOTYP	241	243	3	I=Blow Down, R=Bottom Ash, S=Fly Ash
FLR	244	250	7.2	Flow Recvd-Industrial (1000 GPD) Permit Data
FRDS	251	259	9	FRDS ID# - XREF To Water Supply
FRW	260	289	30	Facility Receiving Water Name
FS1	290	293	4	Facility SIC Code (From PCS)
FS2	294	297	4	Facility SIC Code #1
FS3	298	301	4	Facility SIC Code #2
FS4	302	305	4	Facility SIC Code #3
FS5	306	309	4	Facility SIC Code #4
FUD	310	317	8	Facility Level Last Date Updated (mm/dd/yy)
IACC	318	318	1	Inactive/Active Indicator ("I" or "A")
ICAT	319	320	2	WQAB Industrial Category
ICAT2	321	322	2	WQAB Industrial Category 2
ICAT3	323	324	2	WQAB Industrial Category 3
IFL	325	331	7	Total Indirect Flow (1000 GPD)
IFT	332	332	1	Illinois Facility Type (A thru Z)
IG1	333	334	2	Facility Industrial Group #1
IG2	335	336	2	Facility Industrial Group #2
IJCN	337	346	10	Canadian Record Identifier
INACT	347	353	7	Inactive/Rescinded P=Based on Permit;A=Actual
INDCNT	354	357	4	Computed Number of Indirect Dischargers
LATLON	358	372	15	Polygon Retrieval Lat/Long.
MAJ	373	373	1	Major-Minor Flag (From PCS)
MAPID	374	377	4	Map Identifier
MJMN	378	381	4	Major/Minor Basin (EPA-STORET)
NAM	382	441	60	Facility Name
NDC	442	444	3	Number of Discharges (Pipes)

Industrial Facilities Discharges File: INDUIFD.DBF in INDUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NDSFLO	445	451	7.2	NEEDS Flow (1000 GPD)
NDSIFLO	452	458	7.2	NEEDS Industrial Flow (1000 GPD)
NID	459	462	4	Number of Indirect Dischargers
NPC	463	463	1	NEEDS Pre-Treatment Code "Y"=Yes, "N"=No
NPS	464	464	1	NPDES Facility Source/Status
NSN	465	473	9	NEEDS Survey Number
NTC	474	474	1	NEEDS Treatment Code
OCP	475	480	6	Organic Chemical Producers ID Number
ODESCC	481	481	1	ODES Coastal County "Y"=Yes; "N"=No
OFL	482	488	7.2	Total Non-Direct Other Flow (1000 GPD)
OWN	489	491	3	Ownership Code
PFL	492	498	7.2	Total Direct Process Flow (1000 GPD)
REG	499	500	2	EPA Region
REGKEY	501	504	4	Region Key
RSLOFLO	505	511	7.2	Receiving Stream Low Flow
RSMNFLO	512	518	7.2	Receiving Stream Mean Flow
STA	519	520	2	State Postal Abbreviation
STAID	521	535	15	State Identifier
STC	536	537	2	State Code (FIPS)
STCITY	538	544	7	State/City Code
TFLOW	545	551	7.2	Type Flow (1000 GPD)
UFL	552	558	7.2	Total Direct Undefined Flow (1000 GPD)
XEGS	559	561	3	Effluent Guidelines Subcat Index
XKEY	562	562	1	"1","2","3","4","5","6","7","8","9"
XNME	563	565	3	GLP,DIR,F2C,ENF,CET,LAG,PPB,M85,M86
ZIP	566	570	5	Zip Code

The following table provides the DBASE III+ database field structures for drinking water intakes from the EPA DRINKS database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Drinking Water Intakes File: INDUDRIN.DBF in INDUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	29	37	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
AQCD	112	115	4	Aquifer Code
ASC	116	138	23	STORET Agency/Station Code
AVGD	139	142	4	Average Depth
BUY	143	143	1	Purchase Code
CC1	144	148	5	City Code #1 (EPA Code)
CNC	149	151	3	County Code (FIPS)
CNME	152	166	15	Contact Name
CNN	167	186	20	County Name
CTITLE	187	201	15	Contact Title
CTY	202	221	20	City Name
DUD	222	229	8	Date of Update
FRDS	230	238	9	FRDS ID# - Cross-Reference
GEOAG	239	258	20	Geologic Age
GEOCDE	259	261	3	Geologic Age Code
IDAT	262	269	8	Date (mm/dd/yy)

Drinking Water Intakes File: INDUDRIN.DBF in INDUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
INTAKET	270	270	1	Type Source G/S/B
INTRVWR	271	285	15	Interviewer
MAXD	286	289	4	Maximum Depth
MILES	290	296	7.2	Miles
MIND	297	300	4	Minimum Depth
NAME	301	320	20	Name
NPD	321	329	9	NPDES# XREF to IFD Database
NWLS	330	332	3	Number of Wells
OWN	333	335	3	Ownership
PAVGF	336	342	7.2	Production Avg. Daily (Gal/Day)
PCTSUP	343	345	3	%Surface / %Ground
PHONE	346	355	10	Telephone Number
PMAXF	356	362	7.2	Production Max. Daily (Gal/Day)
POPSV	363	371	9	Population Served
REG	372	373	2	EPA Region
SHLAT	374	379	6	Sitehelp Latitude (DDMMSS)
SHLNG	380	386	7	Sitehelp Longitude (DDDMMSS)
SHMILES	387	393	7.2	Sitehelp Miles
SHNME	394	403	10	Sitehelp Source Name
SHPCT	404	410	7.2	Sitehelp Percent of Reach Miles
SRC	411	413	3	Sitehelp Source Code
STA	414	415	2	State Abbreviation
STC	416	417	2	State Code (FIPS)
TUF	418	424	7.2	Total Utility Flow
TYPCDE	425	425	1	Type Code
UHF	426	426	1	Utility Hit Flag (Reach File)
VCDE	427	427	1	Versar Code='V'=>25K; '*'=<25K POPSVD
WFPC	428	428	1	Wellfield Precision Code
WFTYP	429	429	1	Well Type (Cassing,Artesian,Infiltration,etc.)

Drinking Water Intakes File: INDUDRIN.DBF in INDUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
WUN	430	449	20	Water Utility Name

The following table provides the DBASE III+ database field structures for the Water Gage database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Gage File: INDUGAGE.DBF in INDUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (DDMMSS)
LONGITUDE	29	37	9	Facility Longitude (DDDMMSS)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
JAN	112	118	7.2	Monthly Flow - January
FEB	119	125	7.2	Monthly Flow - February
MAR	126	132	7.2	Monthly Flow - March
APR	133	139	7.2	Monthly Flow - April
MAY	140	146	7.2	Monthly Flow - May
JUN	147	153	7.2	Monthly Flow - June
JUL	154	160	7.2	Monthly Flow - July
AUG	161	167	7.2	Monthly Flow - August
SEP	168	174	7.2	Monthly Flow - September
OCT	175	181	7.2	Monthly Flow - October
NOV	182	188	7.2	Monthly Flow - November
DEC	189	195	7.2	Monthly Flow - December
RGN	196	197	2	Region Code
AREA	198	204	7.2	Drainage Area (SQ.MI.)
DUD	205	212	8	Date of Update

Water Gage File: INDUGAGE.DBF in INDUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FBCF	213	213	1	Flag - Basic Characteristic File ('Y')
FDFF	214	214	1	Flag - Daily Flows File ('Y')
FQMINV	215	224	10	IHS Pt. Files Index
GHF	225	225	1	Hit Flag (Reach File)
ICDE	226	226	1	Integrity Code
LFVEL	227	233	7.2	Low Flow Velocity
METHOD	234	236	3	Calculation Method Code
MFVEL	237	243	7.2	Mean Flow Velocity
MNFLO	244	250	7.2	USGS Mean Annual Flow
NME	251	298	48	Station Name
SHLAT	299	304	6	Sitehelp Latitude (DDMMSS)
SHLNG	305	311	7	Sitehelp Longitude (DDDMMSS)
SHMILES	312	318	7.2	Sitehelp Miles
SHNME	319	328	10	Sitehelp Source Name
SHPCT	329	335	7.2	Sitehelp Percent of Reach Miles
SITE	336	337	2	Site Location
SRC	338	340	3	Sitehelp Source Code
STCTY	341	345	5	State/County Numeric Code
SVTEN	346	352	7.2	USGS 7-10 Year Flow
BEG_WYR	353	356	4	Beginning Water Year
END_WYR	357	359	4	Ending Water Year
ELEV	361	368	8.2	Elevation (Feet)
WELL_DP	369	376	8.2	Well Depth (Feet)

The following table provides the DBASE III+ database field structures for the Water Impoundment database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Impoundment File: INDUDAMS.DBF in INDUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	7	7	Site Identifier
SOURCE	8	10	3	Source of Data
ST1	11	12	2	Primary State Code Abbreviation
STCTY1	13	17	5	State/County Numeric Code
NAME	18	47	30	Official Name of Dam
LATITUDE	48	53	6	Facility Latitude (DDMMSS)
LONGITUDE	54	60	7	Facility Longitude (DDDMMSS)
LAT	61	70	10.6	Facility Latitude (decimal degrees, (-) below equator)
LON	71	81	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
INME	82	111	30	Impoundment Name
RNME	112	139	28	River, Stream, or Tributary Name on Which Dam Built
CUSEGMI	140	149	10	Catalog Unit, Segment, and Segment Length
REGN	150	151	2	Water Resources Council Region Code
RGBSN	152	155	4	Water Resources Region/Basin Code
CU	156	163	8	Catalog Unit
SEG	164	166	3	Reach Segment of Dam
SEGL	167	171	5.2	Reach Segment Length
PURP	172	172	1	Major Purpose of Dam
				I=Irrigation
				H=Hydroelectric
				N=Navigation
				S=Water Supply
				R=Recreation
				P=Stock/Farm Pond
				D=Debris Control
				F=Flood Control

Water Impoundment File: INDUDAMS.DBF in INDUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				O=Other
FRF3	173	189	17	RF3 Reach Number Location
FRF3MI	190	194	5	Mile Point on RF3 Reach
PURPKEY	195	195	1	Purpose Key
PUR2	196	196	1	Purpose of Dam 2 (See Above)
PUR3	197	197	1	Purpose of Dam 3 (See Above)
PUR4	198	198	1	Purpose of Dam 4 (See Above)
PUR5	199	199	1	Purpose of Dam 5 (See Above)
PUR6	200	200	1	Purpose of Dam 6 (See Above)
PUR7	201	201	1	Purpose of Dam 7 (See Above)
PUR8	202	202	1	Purpose of Dam 8 (See Above)
PUR9	203	203	1	Purpose of Dam 9 (See Above)
PUR10	204	204	1	Purpose of Dam 10 (See Above)
TYPDAM	205	206	2	Major Dam Portion Type
				RE=Earth
				VA=Vaulted Arch
				CD=Buttress
				PG=Gravity
				ER=Rockfill
				MV=Multi-Arch
				OT=Other
YRCMP	207	210	4	Year Dam Completed
SHGT	211	214	4	Structural Height (Feet)
HHGT	215	218	4	Hydraulic Height (Feet)
VNORM	219	236	8	Normal Storage of Impoundment (Acre-Feet)
VMAX	227	234	8	Maximum Storage of Impoundment (Acre-Feet)
LCRST	235	239	5	Crest Length of Dam (Feet)
TSPL	240	240	1	Spillway Type
				C=Controlled

Water Impoundment File: INDUDAMS.DBF in INDUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				U=Uncontrolled
				N=None
				X=Unknown
WSPL	241	244	4	Dam Spillway Width (Feet)
QMAX	245	251	7	Maximum Spillway Discharge (CFS)
PINS	252	258	7.2	Quantity of Installed Power (Megawatts)
PPRO	259	265	7.2	Quantity of Proposed Power (Megawatts)
LOCK	266	266	1	Number of Navigational Locks
OWNR	267	290	24	Name of Impoundment Owner
PFOWN	291	291	1	Ownership Code
				N=Non-Federal
				G=Federal Government Agency
				C=Corps of Engineers
				X=Unknown
FEDR	292	292	1	Federally Regulated (Y=Yes, N=No, X=Unknown)
FLND	293	293	1	Private Dam on Federal Land (Y=Yes, N=No, X=Unknown)
SCSA	294	294	1	Type of Soil Conservation Service Assistance
				N=No Assistance
				T=Technical Assistance
				F=Financial Assistance
				B=Both Technical and Financial Assistance
				X=Unknown
DHAZ	295	295	1	Degree of Downstream Hazard
				1=High (More than a Few Lives Lost; Excessive Economic Loss)
				2=Significant (A Few Lives Lost; Appreciable Economic Loss)
				3=Low (No Lives Expected Lost; Minimal Economic Loss)
DCITY	296	319	24	Nearest Downstream City

Water Impoundment File: INDUDAMS.DBF in INDUSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
POP	320	326	7	Population of Downstream City
DMILE	327	331	5.2	Distance of Downstream City From Dam (Miles)
RET	332	342	11.2	Retention Coefficient (Dimensionless)
MIX	343	353	11.2	Mixing Coefficient (Dimensionless)
SAREA	354	361	8	Surface Area of Impoundment (Acres)
SAFLG	362	362	1	Surface Area Flag (C=Calc., M=Measured, O=Other)
ILNTH	363	367	5	Length of Impoundment (Feet)
ILFLG	368	368	1	Impoundment Length Flag (C=Calc., M=Measured, O=Other)
UPKEY	369	374	6	Update Key (YYMMDD)

The following table provides the ASCII and DBASE III+ database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) attributes. The actual numeric file names will vary depending on the catalog unit(s). This information can be readily incorporated into the park's Geographic Information System.

RF3 Structure File: 12345678.RF3 and 12345678.DBF in INDURF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
CATUNIT	1	8	8	Cataloging Unit (CU)
SEGM	9	12	4	Segment Number (SEG)
MI	13	17	5.2	Mile Point (MI)
UPMI	18	22	5.2	Upstream Mile Pt.
SEQNO	23	33	11.6	Hydro Sequence No.
RFLAG	34	34	1	Reach Flag (0,1)
OWFLAG	35	35	1	Open Water Flag (0,1)
TFLAG	36	36	1	Terminal Flag (0,1)
SFLAG	37	37	1	Start Flag (0,1)
RCHTYPE	38	38	1	Reach Type Code
LEV	39	40	2	Stream Level
JUNC	41	42	2	Level of Downstream Reach
DIVERGENCE	43	43	1	Divergence Code
STARTCU	44	51	8	Start CU
STRTSG	52	55	4	Start SEG
STOPCU	56	63	8	Stop CU
STOPSG	64	67	4	Stop SEG
USDIR	68	68	1	Upstream Direction
TERMID	69	73	5	Terminal Stream ID
TRMBLV	74	74	1	Terminal Base Level
PNAME	75	104	30	Primary Name
PNMCD	105	115	11	Primary Name Code
CNAME	116	145	30	Complement Name
CNMCD	146	156	11	Complement Name Code

RF3 Structure File: 12345678.RF3 and 12345678.DBF in INDURF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
OWNAME	157	186	30	Open Water Name
OWNMCD	187	197	11	Open Water Name Code
DSCU	198	205	8	Downstream CU
DSSEG	206	209	4	Downstream SEG
DSMI	210	214	5.2	Downstream MI
CCU	215	222	8	Complement CU
CSEG	223	226	4	Complement SEG
CMILE	227	231	5.2	Complement MI
CDIR	232	232	1	Complement Direction
ULCU	233	240	8	Upstream Left CU
ULSEG	241	244	4	Upstream Left SEG
ULMI	245	249	5.2	Upstream Left MI
URCU	250	257	8	Upstream Right CU
URSEG	258	261	4	Upstream Right SEG
URMI	262	266	5.2	Upstream Right MI
SEGL	267	272	6.2	Reach Length (Miles)
RFORGFLAG	273	273	1	RF Orgin flag(1,2,3)
ALTPNMCD	274	281	8	Alt. Primary Name Code
ALTOWNMC	282	289	8	Alt. OW Name Code
DLAT	290	297	8.4	Downstream Latitude
DLONG	298	305	8.4	Downstream Longitude
ULAT	306	313	8.4	Upstream Latitude
ULONG	314	321	8.4	Upstream Longitude
MINLAT	322	329	8.4	Minimum Latitude
MINLONG	330	337	8.4	Minimum Longitude
MAXLAT	338	345	8.4	Maximum Latitude
MAXLONG	346	353	8.4	Maximum Longitude
NDLGREC	354	357	4	No. of DLG Records
LL1KEY1	358	367	10	Starting DLG LL Key1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in INDURF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
LL2KEY1	368	377	10	Ending DLG LL Key1
LL1KEY2	378	387	10	Starting DLG LL Key2
LL2KEY2	388	497	10	Ending DLG LL Key2
LL1KEY3	398	407	10	Starting DLG LL Key3
LL2KEY3	408	417	10	Ending DLG LL Key3
LL1KEY4	418	427	10	Starting DLG LL Key4
LL2KEY4	428	437	10	Ending DLG LL Key4
LL1KEY5	438	447	10	Starting DLG LL Key5
LL2KEY5	448	457	10	Ending DLG LL Key5
LL1KEY6	458	467	10	Starting DLG LL Key6
LL2KEY6	468	477	10	Ending DLG LL Key6
LL1KEY7	478	487	10	Starting DLG LL Key7
LL2KEY7	488	597	10	Ending DLG LL Key7
LL1KEY8	498	507	10	Starting DLG LL Key8
LL2KEY8	508	517	10	Ending DLG LL Key8
LL1KEY9	518	527	10	Starting DLG LL Key9
LL2KEY9	528	537	10	Ending DLG LL Key9
LL1KEY10	538	547	10	Start DLG LL Key 10
LL2KEY10	548	557	10	Ending DLG LL Key10
LN1AT2	558	561	4	DLG Line Attr. 1
LN2AT2	562	565	4	DLG Line Attr. 2
AREA1	566	569	4	DLG Area ID 1
AREA2	570	573	4	DLG Area ID 2
AR1AT2	574	577	4	DLG Area Attribute
AR1AT4	578	581	4	DLG Area Attribute
AR2AT2	582	585	4	DLG Area Attribute
AR2AT4	586	589	4	DLG Area Attribute
UPDATE1	590	595	6	Update Date #1 (mmddyy)
UPDTCD1	596	603	8	Update Type Code #1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in INDURF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
UPDTSRC1	604	611	8	Update Source #1
UPDATE2	612	617	6	Update Date #2 (mmddyy)
UPDTCD2	618	625	8	Update Type Code#2
UPDTSRC2	626	633	8	Update Source #2
UPDATE3	634	639	6	Update Date #3 (mmddyy)
UPDTCD3	640	647	8	Update Type Code #3
UPDTSRC3	648	655	8	Update Source #3
DIVCU	656	663	8	Divergent CU
DIVSEG	664	667	4	Divergent SEG
DIVMILE	668	672	5.2	Divergent MI
DLGID	673	678	6	DLG Number Special Use For Internal State Codes
FILLER	678	685	7	Filler: Future Use

Note: The structure for the .DBF file varies slightly from the RF3 structure displayed here in that the fields UPDATE1, UPDATE2, and UPDATE3 have a width of 8 and the last two fields, DLGID and FILLER, have been replaced with a field named ID of length 17. This ID field combines the CATUNIT, SEGM, and MI fields.

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) traces. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual hydrographic network and is suitable for conversion into a variety of Geographic Information System formats.

RF3 Trace File: 12345678.TRC in INDURF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
(Header Record)				
CATUNIT	1	8	8	Cataloging Unit
SEGM	9	12	4	Segment Number
MI	13	17	5.2	Mile Point
NPTS	18	21	4	Number of Lat/Lon Coordinates
(Coordinate Record)				
LATITUDE	1	8	8.4	Latitude in Decimal
LONGITUDE	9	16	8.4	Longitude in Decimal
FILLER	17	21	5	

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) catalog unit boundary file. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual catalog unit boundary and is suitable for conversion into a variety of Geographic Information System formats.

Catalog Unit Boundary File: 12345678.CUB in INDURF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20c			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20c			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20c			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020c			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20c			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[p]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[p]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250s			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20c			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300a	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal
7440020	81752	1400+	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[l]	TURBIDITY, FIELD	NTU	Physical
	82079				50[l]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide

Footnote Key:

[*]Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

[+]Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

[***]pH Dependent Criteria (7.8 pH Used).

[=]Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

[^]Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

[#]EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

[!]Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-
STORET Code	**Conductivity Parameter Group**	**C.A.S. Number**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-
STORET Code	**Dissolved Oxygen Parameter Group**	**C.A.S. Number**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447
STORET Code	**pH Parameter Group**	**C.A.S. Number**
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (µEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326

STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00969	CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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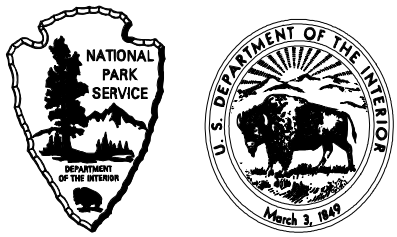
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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

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