Phase I & Phase II Environmental Site Assessment

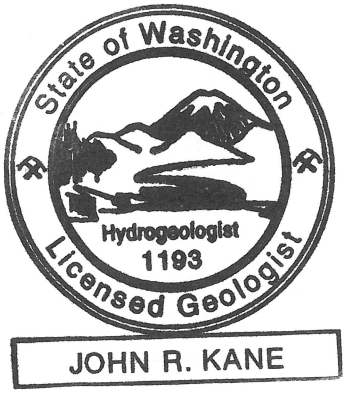
Saratoga National Historic Park Tract 01-159
Town of Saratoga, New York

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EXECUTIVE SUMMARY

Kane Environmental has performed a *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Practice E1527-13 of Saratoga National Historic Park Tract 01-159 in Saratoga, New York (the Property). Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. Additionally, Kane Environmental has conducted a Phase II Environmental Site Assessment of the Property.

The objective of the ESA was to identify recognized environmental conditions (RECs). The term *recognized environmental conditions* as defined by ASTM is the presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property*: (1) due to any *release* to the *environment*; (2) under conditions indicative of a release to the *environment*; or (3) or under conditions that pose a *material threat* of a future *release* to the environment.

The Property is composed of a 1.60-acre tract of Saratoga County tax parcel 170.-1-1.11 and is currently occupied by the abandoned Champlain Canal, which is vacant and overgrown. The Property is located in the Town of Saratoga, New York, in a rural area of limited development.

The Property was occupied by the Champlain Canal from approximately 1823 until approximately the 1920s, when the canal was abandoned. The Property has been occupied since the 1920s by the vacant and abandoned canal, which has become overgrown with vegetation. Between approximately the 1930s and 1960s, local residents reportedly used the area as an unofficial dump site, disposing of household waste as well as other products in the former canal.

A 1996 soil sampling event reportedly found arsenic in the soil of the abandoned canal at levels exceeding the New York DEC Restricted-Residential Soil Cleanup Objectives (SCOs). Kane Environmental selected Restricted-Residential SCOs for comparison to contaminant concentrations on the Property on the basis of the Property's anticipated public use.

On May 1, 2014, Kane Environmental completed six (6) test pits on and immediately adjacent to the Property, to a depth of 1 to 2 feet bgs. Soil samples from these test pits were collected and submitted for analysis of volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and metals.

Metals were found to be present at concentrations exceeding the Restricted-Residential SCOs at several locations on the Property and in the area immediately adjacent to the north, at depths of 1 foot to 1.5 feet bgs. Metals present at concentrations exceeding the Restricted-Residential SCOs included arsenic, barium, cadmium, chromium, and lead.

No other analytes were found to be present at concentrations exceeding the Restricted-Residential SCOs.

The presence of contaminated soil associated with the old dump site on the Property is considered a REC.

We have performed a *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Practice E1527-13 of Saratoga National Historic Park Tract 01-159 in Saratoga, New York, the Property. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. Additionally, we have conducted a Phase II Environmental Site Assessment of the Property. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the Property, except the following:

- **The presence of contaminated soil associated with an old dump site on the Property is considered a REC.** Soil contaminants exceeding New York DEC Restricted-Residential Soil Cleanup Objectives include arsenic, barium, cadmium, chromium, and lead.

Kane Environmental recommends further investigation to characterize the extent of soil contamination on the Property. A proposed scope of work with estimated costs is provided in Section 7.0 Findings and Opinions.

1.0 INTRODUCTION

Kane Environmental, Inc. (Kane Environmental) has conducted a Phase I Environmental Site Assessment (ESA) for the Property at Saratoga National Historic Park Tract 01-159, Saratoga, New York (the Property). The Phase I ESA was performed in accordance with the American Society for Testing and Materials (ASTM) E1527-13 guidance document, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*.

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312 and we have specific qualifications based on education, training, and experience to assess a *Property* of the nature, history, and setting of the subject *Property*. We have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

1.1 Purpose and Objective

This Phase I ESA is associated with the proposed purchase of the Property. The objective of the ESA was to identify recognized environmental conditions (RECs). The term *recognized environmental conditions* as defined by ASTM is the presence or likely presence of any *hazardous substances* or *petroleum products* in, on, or at a *property*: (1) due to any *release* to the *environment*; (2) under conditions indicative of a release to the *environment*; or (3) or under conditions that pose a *material threat* of a future *release* to the environment. The term includes *hazardous substances* or *petroleum products* even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. This report includes information gathered from federal, state, and local agencies and a Property inspection conducted by John Kane of Kane Environmental.

1.2 Procedures and Methodologies

The Phase I ESA conducted by Kane Environmental included, but was not limited to, the following services:

- A walk-around inspection of the Property,
- Observation of adjacent properties and Property vicinity,
- Regulatory agency reviews,
- Property history,
- Report including summary of conclusions.

1.3 Special Terms and Conditions

Kane Environmental has performed this work in general accordance with ASTM Standard E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, with generally accepted professional practices for the nature and conditions of the work completed in the same locality and at the same time as the work was performed, and with the terms and conditions as set forth in our proposal. This report is intended for the exclusive use by the National Park Service and its designated assignees, for specific application to the referenced Property.

1.4 Limitations and Exceptions of Assessment

Limitations and exceptions of the assessment at the Property include the following:

- This Phase I ESA does not include any evaluation of asbestos, lead paint, radon, vapor intrusion, endangered species, wetlands, flood plains, or general indoor air quality.

1.5 Valuation Reduction for Environmental Issues

According to a user questionnaire completed by Mr. Andrew Petro of the National Park Service, there is no valuation reduction of the Property for environmental issues.

1.6 Information Provided by Persons Familiar with the Property

Kane Environmental interviewed Mr. Joe Finan, National Park Service Superintendent, regarding the current and historic Property uses.

1.6.1 Environmental Liens

Mr. Finan and Mr. Petro were not aware of any environmental liens for the Property. A title report for the Property prepared by Chicago Title Company and dated November 25, 2013 was reviewed by Kane Environmental. No environmental liens were noted.

1.6.2 Other Environmental Issues

According to Mr. Finan, the Property has historically been used a dumping site by local residents. Mr. Finan stated that local residents in the late 1950s to early 1960s, for approximately 10 years, reportedly drove up Route 4 and dumped their personal garbage in the area of the Tract. Mr. Finan stated that his understanding was that residential refuse was dumped at this location.

1.6.3 Previous Environmental Reports

Kane Environmental reviewed a Phase I Environmental Site Assessment for the Property prepared by The LA Group, PC and dated October 16, 1995. According to the previous Phase I ESA, the Property consists of the bed, banks, top, and tow path of the former Champlain Canal, which was abandoned in the 1920s.

The LA Group noted that areas of the canal contained accumulations of old bottles, rusted metal cans, and other apparently inert garbage, apparently dating from the 1930s through the 1950s, based on labels on the materials. In additional to household waste, rusted paint and gasoline cans, rusted 55-gallon drums, tires, small automotive parts, medicines, household pesticides, paint containers, and construction and demolition debris were noted by the LA Group.

The LA Group reportedly interviewed Jean Nolan, the town clerk of the Village of Victory, regarding the history of the Property. Ms. Nolan reported that the Property was used as an informal, unofficial dumping spot from the 1930s to the 1960s, when Route 4 was located adjacent to the west bank of the canal and motorists could drive to the side of the canal and dump debris. Additionally, the LA Group reportedly interviewed Mr. Chris Martin, NPS ranger, who stated that there was a note in the ranger logs from 1960 concerning illegal dumping in the canal, and that an agreement had been made with the Village of Victory to stop it.

The LA Group dug three shallow test pits to a maximum depth of two feet in order to examine the soils on the site. The LA Group described the soils on the site as consisting of silty fill material underlain by gray to brown silt and clay. The LA Group reported that no odors or stains were observed in any of the test pit soils. Soil samples from test pits 1 and 3 were reportedly analyzed for organic vapors, with no organic vapors exceeding instrument background levels. The LA Group recommended that selected soil samples be collected for chemical analysis.

The previous Phase I ESA also included in its attachments a set of analytical results from soil sampling completed on November 6, 1996. Samples were reportedly collected from depths between the surface and 5 feet below ground surface (bgs) at three sampling locations in the area of the Property. A total of 15 soil samples were reportedly analyzed for volatile organic compounds (VOCs); polynuclear aromatic hydrocarbons (PAHs); arsenic; and mercury. Analytes detected in samples from Site 1 included arsenic, mercury, trichloroethene, toluene, and fluoranthene; however, only the arsenic concentration from the 0.5 foot sample exceeded New York State Soil Cleanup Objectives (SCO) for Restricted-Residential Use. This sample contained 18.4 mg/kg arsenic, which is greater than the SCO of 16 mg/kg.

Soil samples from Site 2 also contained detectable concentrations of arsenic, as well as acetone, though both were at concentrations below their respective SCOs in all samples analyzed. Soil samples from Site 3 contained detectable concentrations of arsenic and methylene chloride, all of which were below their respective SCOs.

2.0 PROPERTY DESCRIPTION

2.1 Property Location

The following tax parcel information was obtained from the Saratoga County website. The Property is a portion of a larger parcel including the highway maintenance facility located north of the Property.

Table 1: Tax Parcel Information

Taxpayer	Property Use	Address	Parcel Tax Identification Number	Property Size	Building Size (Gross)
State of New York	Highway garage	1060 US Rt 4 S, Municipality of Saratoga	170.-1-1.11	46.69 Acres	None on Tract 01-159

The legal description of the Property, Saratoga NHP Tract 01-159, was provided by the client and is included in Attachment A.

2.2 Property and Vicinity Characteristics

The Property is composed of an approximately 1.60-acre portion of Saratoga County tax parcel 170.-1-1.11 and is currently occupied by the abandoned Champlain Canal, which is vacant and overgrown. The Vicinity Map is presented as Figure 1 and a Site Plan is provided as Figure 2.

The Property is located in a rural area. It is irregular in shape and occupies a tract of 1.60 acres of the former Champlain Canal. The Property is bounded to the north by the abandoned Champlain Canal; to the east by a cultivated field, with the Hudson River beyond; to the south by the abandoned Champlain Canal; and to the west by a vacant area, with Route 4 beyond.

2.3 Topography & Regional Groundwater

The U.S. Geological Survey (USGS) Schuylerville, New York 7.5-Minute Quadrangle Topographic Map (Figure 1) indicates that the ground surface in the vicinity of the Property is sloping to the east, toward the Hudson River. The elevation of the Property is approximately 90 feet above mean sea level (msl). Groundwater flow direction is expected to be to the east, toward the Hudson River.

2.4 Regional Geology and Soil Characterization

The Property is located on an alluvial plain within the Hudson River Valley. Its soil is therefore likely to consist of fine-grained alluvial deposits such as silts, sands, and clays. According to the USDA Web Soil

Survey, the soils at the site predominantly consist of the “Limerick-Saco complex,” which consists of alluvial material that is predominantly silt and very fine sand, and is poorly drained. Additional soils in the area include “Teel silt loam,” a moderately well drained silty alluvium; “Palms muck,” a very poorly drained soil that consists of organic material over silt loam; “Hoosic gravelly sandy loam,” a somewhat excessively drained soil consisting of sandy and gravelly glaciofluvial deposits; “Bernardston silt loam,” a well-drained till material; and “Tioga fine sandy loam,” a well drained loamy alluvium.

3.0 PROPERTY HISTORY

3.1 History of Property Use

Kane Environmental reviewed historical site and adjacent property uses to assess whether prior owners or tenants of the Property and/or adjacent sites may have conducted activities that could pose environmental concerns to the Property.

3.1.3 Other Historical Information

Historical uses for selected years between 1866 and 2011 are listed in Table 2. Sources of historical information included:

- Historic USGS topographic maps from 1900, 1935, 1940, 1947, 1949, and 1967;
- A historic map from the 1866 Beers Atlas of Saratoga County;
- A 1917 map of a portion of the Champlain Canal, provided by the NPS; and
- Aerial photographs from 1964, 1979, 1986, 1990, 2006, 2008, 2009, and 2011.

City Directory coverage was not available for the Property. Historic aerial photographs were provided by Environmental Data Resources (EDR). Sanborn map coverage was not available for the Property.

Table 2

Summary of Historical Review

Year	Observations/Findings	Source
1866	Subject Property The Property was occupied by the "Champlain Canal." Adjacent Properties A road was present to the west of the Property, with apparently vacant land beyond. The area east of the Property appeared to be vacant, with the Hudson River beyond. The canal appeared to continue to the north and south of the Property. In the area north of the Property, it was bounded by a road and a few structures to the west, and vacant land to the east. In the area south of the Property, it was bounded by a road to the west and vacant land to the east.	Historic Beers Atlas Map
1900	Subject Property The Property was occupied by an apparent canal. Adjacent Properties A road was present to the west of the Property, with apparently	Historical USGS Topographic Map Scale: 1:62,500

Table 2

Summary of Historical Review

Year	Observations/Findings	Source
	vacant land beyond. The area east of the Property appeared to be vacant, with the Hudson River beyond. The canal appeared to continue to the north and south of the Property. In the area north of the Property, it was bounded by a road and two structures to the west, and vacant land to the east. In the area south of the Property, it was bounded by a road to the west and vacant land to the east.	
1917	Subject Property The Property was occupied by the Champlain Canal. Adjacent Properties A railroad was present to the west of the Property, with the area beyond not depicted. The area east of the Property appeared to be vacant, with the Hudson River beyond. The canal appeared to continue to the north and south of the Property. In the area north of the Property, it was bounded by a railroad and a single structure to the west, and vacant land to the east. In the area south of the Property, it was bounded by a railroad to the west and vacant land to the east.	Canal Board Map
1935	Subject Property The Property was occupied by the "Champlain Barge Canal (Abandoned)." Adjacent Properties A road was present to the west of the Property, with apparently vacant land beyond. The area east of the Property appeared to be vacant, with the Hudson River beyond. The abandoned canal appeared to continue to the north and south of the Property. In the area north of the Property, it was bounded by vacant land on both sides. In the area south of the Property, it was bounded by a road to the west and vacant land to the east.	Historical USGS Topographic Map Scale: 1:24,000
1940	Subject Property The Property was occupied by the "Champlain Barge Canal (Abandoned)." Adjacent Properties The adjacent properties appeared similar to the 1935 topographic	Historical USGS Topographic Map Scale: 1:62,500

Table 2

Summary of Historical Review

Year	Observations/Findings	Source
	map.	
1947	Subject Property The Property was occupied by the "Champlain Barge Canal (Abandoned)." Adjacent Properties The adjacent properties appeared similar to the 1935 and 1940 topographic maps.	Historical USGS Topographic Map Scale: 1:62,500
1949	Subject Property The Property was occupied by the "Champlain Barge Canal (Abandoned)." Adjacent Properties The adjacent properties appeared similar to the 1935, 1940, and 1947 topographic maps.	Historical USGS Topographic Map Scale: 1:62,500
1964	Subject Property The Property appeared to be vacant and vegetated. Two parallel features were visible, apparently the banks of the disused canal. Adjacent Properties The area east of the Property was occupied by an apparent cultivated field, with the Hudson River beyond. The area west of the Property was occupied by a small road, which appeared to branch off of the main road, Route 4, near the southern end of the Property and rejoin it to the north. Beyond the small road was an apparent vacant area, with Route 4 beyond. The vacant, vegetated, disused canal appeared to continue to the north and south of the Property. In the area north of the Property, it was bounded on the west by two apparently residential structures and a parking area, and on the east by a cultivated field and apparent wetlands. In the area south of the Property, the canal was bounded to the west by a road, Route 4, and on the east by cultivated fields.	EDR Aerial Photograph Black & White Scale: 1"=500 ft.
1967	Subject Property The Property appeared to be occupied by a vegetated depression running approximately north-south the length of the Property, interpreted as the abandoned Champlain Canal. An intermittent	Historical USGS Topographic Map Scale: 1:24,000

Table 2

Summary of Historical Review

Year	Observations/Findings	Source
	stream and wetlands were depicted in some portions of the former canal. Adjacent Properties The adjacent area to the east was occupied by vacant and open land, with the Hudson River beyond. The area west of the Property was vacant and open, with Route 4 beyond. The apparent canal continued to the north and south of the Property. To the north, it was bounded to the west by vegetated land and a few small structures, and to the east by vegetated and open land. To the south, it was bounded to the west by Route 4 and to the east by vegetated wetlands with an open area beyond.	
1979	Subject Property The Property appeared similar to the 1964 photograph. The resolution of the photograph was inadequate to determine further detail. Adjacent Properties The adjacent properties appeared similar to the 1964 photograph, except the small road to the west of the Property appeared to be gone and replaced by vegetation. The resolution of the photograph was inadequate to determine further detail.	EDR Aerial Photograph Black & White Scale: 1”=1,000 ft.
1986	Subject Property The Property appeared similar to the 1964 and 1979 photographs. The resolution of the photograph was inadequate to determine further detail. Adjacent Properties The adjacent properties appeared similar to the 1979 photograph. The resolution of the photograph was inadequate to determine further detail.	EDR Aerial Photograph Color Scale: 1”=1,000 ft.
1995	Subject Property The Property appeared similar to the 1964, 1979, and 1986 photographs. Adjacent Properties The area east of the Property was occupied by an apparent cultivated field, with the Hudson River beyond. The area west of the Property was occupied by an apparently vacant and vegetated area, with a cleared area and Route 4 beyond.	EDR Aerial Photograph Black & White Scale: 1”=500 ft.

Table 2

Summary of Historical Review

Year	Observations/Findings	Source
	The vacant, vegetated, disused canal appeared to continue to the north and south of the Property. In the area north of the Property, it was bounded on the west by an apparent highway maintenance facility, and on the east by a cultivated field and apparent vacant, vegetated land. In the area south of the Property, the canal was bounded to the west by a road, Route 4, and on the east by cultivated fields.	
2006	Subject Property The Property appeared similar to the 1964, 1979, 1986, and 1995 photographs. Adjacent Properties The adjacent properties appeared similar to the 1995 photograph.	EDR Aerial Photograph Color Scale: 1”=500 ft.
2008	Subject Property The Property appeared similar to the 1964, 1979, 1986, 1995, and 2006 photographs. Adjacent Properties The adjacent properties appeared similar to the 1995 and 2006 photographs.	EDR Aerial Photograph Color Scale: 1”=500 ft.
2009	Subject Property The Property appeared similar to the 1964, 1979, 1986, 1995, 2006, and 2008 photographs. Adjacent Properties The adjacent properties appeared similar to the 1995, 2006, and 2008 photographs.	EDR Aerial Photograph Color Scale: 1”=500 ft.
2011	Subject Property The Property appeared similar to the 1964, 1979, 1986, 1995, 2006, 2008, and 2009 photographs. Adjacent Properties The adjacent properties appeared similar to the 1995, 2006, 2008, and 2009 photographs.	EDR Aerial Photograph Color Scale: 1”=500 ft.

Property Summary:

Based on the materials presented in Table 2, as well as an interview with Mr. Finan, the Champlain Canal was constructed on the Property in approximately 1823, and remained until it was abandoned in approximately the 1920s. The uses of the Property prior to 1823 are not known.

Since the 1920s, the Property has been occupied by the abandoned canal, which has become overgrown. According to interviews conducted for a previous environmental report (see Section 1.6.3), the canal was used as an unofficial dumping site between the 1930s and the 1960s. See Sections 4 and 6 for a more detailed discussion of dumping on the Property.

Adjacent Property Summary:

The area east of the Property has been occupied by vacant, apparently agricultural land since at least 1866, with the Hudson River beyond.

The area immediately west of the Property was occupied by a road from at least 1866 through 1964. The primary road, Route 4, was relocated westward at some point between 1949 and 1964, but a smaller road remained present along the western edge of the Property through at least 1964, according to an aerial photograph. The area west of the Property has been vacant since at least 1967, with Route 4 beyond.

The Champlain Canal continued north and south of the Property between 1823 and the 1920s, and those areas have remained occupied by the abandoned and overgrown canal since the 1920s. The area to the north of the Property and west of the canal was occupied by a few small structures between 1866 and 1967. By 1995, this area was occupied by a highway maintenance facility, which has remained there since then. The area north of the Property and east of the canal has been vacant since at least 1866.

The area south of the Property and west of the canal has been occupied by a road since at least 1866, and the area south of the Property and east of the canal has been occupied by vacant, apparently agricultural land since at least 1866.

3.2 Data Gaps

Kane Environmental did not identify any significant data gaps during the historic and current research of the Property that would change the findings of this report.

Uses of the Property could not be identified prior to 1823. Uses of the surrounding properties could not be identified prior to 1866. Activities on the Property and in surrounding areas prior to these dates are not expected to affect any issues of environmental concern for the Property.

4.0 PROPERTY RECONNAISSANCE

Mr. John Kane of Kane Environmental conducted an inspection of the Property on May 1, 2014.

4.1 General Observations

The Property is composed of NPS Tract 01-159, a 1.60-acre portion of Saratoga County Tax Parcel 170.-1-1.11. The Property is currently vacant and overgrown with vegetation and consists of a portion of the abandoned Champlain Canal.

4.1.1 Interviews with Persons Knowledgeable About the Property

Kane Environmental interviewed Mr. Joe Finan, Superintendent with the National Park Service, during the site visit. Mr. Finan stated that local residents in the late 1950s to early 1960s, for approximately 10 years, reportedly drove up Route 4 and dumped their personal garbage in the area of the Tract. Mr. Finan stated that his understanding was that residential refuse was dumped at this location. Mr. Finan stated that the Property had always been owned by the State of New York since the construction of the Champlain Canal in the 1820s.

4.2 Exterior Observations

Kane Environmental observed the Property grounds for visible evidence of recognized environmental conditions (RECs). Observations are discussed in the following sections.

4.2.1 Access to the Property

Access to the Property is provided by foot from the west along Route 4.

4.2.2 Drainage Paths

Kane Environmental did not observe any floor drains, storm drains, or catch basins on the Property.

4.2.3 Property Utilities

Kane Environmental did not observe any utilities on the Property.

4.2.4 Storage Tanks

Kane Environmental did not observe any evidence of underground or aboveground storage tanks on the Property.

4.2.5 Obvious Odors

No obvious odors were identified on the Property.

4.2.6 Evidence of Landfills, Dumping, or Burial Activities

Kane Environmental observed evidence of dumping on the Property. Dumping debris included metal, pottery, glass, iron, and ceramic material; glass bottles; metal juice cans; 1- and 5-gallon metal drums; aluminum foil; metal piping; and glass jars. Circumstances of historical dumping on the Property are discussed further in Sections 1.6.3 and 3.1.

Kane Environmental collected soil samples from six test pits on the Property. Soil sampling activities are discussed in Section 6.

4.2.7 Evidence of Surface Impoundments or Holding Ponds

No surface storm water impoundments were identified on the Property.

4.2.8 Evidence of Air Emissions or Wastewater Discharge

No evidence of regulated air emissions or industrial wastewater discharges was observed on the Property.

4.2.9 Monitoring Wells or Remedial Activities

No evidence of monitoring wells or remedial activities was observed on the Property.

4.2.10 Evidence of Stained or Discolored Soil

No evidence of stained or discolored soil was observed on the Property.

4.2.11 Evidence of Leachate or Seeps

No evidence of leachate or seeps was identified on the Property.

4.2.12 Evidence of Distressed, Discolored, or Stained Vegetation

No evidence of distressed, discolored, or stained vegetation was identified on the Property.

4.2.13 Evidence of Chemical Spills or Releases

No evidence of chemical spills or releases was observed on the Property.

4.2.14 Evidence of Groundwater and Surface Water Contamination

No evidence of groundwater or surface water contamination was observed on the Property.

4.2.15 Discharges, Leachate, Migration, or Runoff of Potential Contaminants from Off-Property Sources

No discharges, leachate, migration, or runoff of potential contaminants from off-site sources were identified during the Property inspection.

4.2.16 Other Known or Observed Environmentally Sensitive Conditions

No evidence of other environmentally sensitive conditions was observed on the Property.

4.2.17 Transformers and PCB Equipment

No transformers or PCB equipment were observed on the Property.

4.2.18 On-Property Regulated Substances

No regulated substances were observed on the Property.

4.3 Adjacent Property Reconnaissance

Kane Environmental performed a reconnaissance of the adjacent properties to observe the potential use, storage, generation, or disposal of hazardous materials. A description of the surrounding area is provided below:

North: The Property is bounded to the north by a continuation of the abandoned Champlain Canal.

East: The Property is bounded to the east by cultivated land, with the Hudson River beyond.

South: The Property is bounded to the south by a continuation of the abandoned Champlain Canal.

West: The Property is bounded to the west by a vacant and vegetated area, with Route 4 beyond.

5.0 REGULATORY AGENCY RESEARCH

5.1 Review of Published Regulatory Agency Lists

Current regulatory agency database information was obtained from New York State Department of Environmental Conservation (DEC) and United States Environmental Protection Agency (EPA) databases, which map and list sites with existing conditions or status that may have the potential to impact the Property. All databases were searched using the ASTM E1527-13 recommended search distances. Some of the sites in the databases are not mapped due to poor or inadequate address information, and are referred to as "orphan sites." Kane Environmental did not identify any orphan sites in the vicinity of the Property.

Databases of regulated sites in New York State that were reviewed as part of the Phase I report include:

- National Priorities List (NPL) Sites – sites which are given priority cleanup under the EPA's Superfund Program.
- Proposed NPL Sites – sites which have been proposed for listing on the NPL.
- NPL LIENS – Federal Superfund Liens.
- DELISTED NPL – Sites that have been deleted from the NPL when no further response is appropriate.
- Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) Sites – sites which are either currently proposed to be or are on the NPL and sites which are being evaluated for possible inclusion on the NPL.
- CERCLIS-NFRAP Sites – sites which have been archived and removed from the inventory of CERCLIS sites. These are sites which the EPA has determined to not include on the National Priorities List (NPL).
- Superfund (CERCLA) Consent Decrees (CONSENT) – A listing of major legal settlements establishing responsibility and standards for cleanup at NPL sites.
- Records of Decision (ROD) – A listing of ROD documents mandating a permanent remedy at an NPL site.
- Potentially Responsible Parties (PRP) – A list of verified potentially responsible parties.
- Resource Conservation and Recovery Information System-Non Generators (RCRA-Non-Gen) – sites which generate, transport, store, treat, and/or dispose of hazardous materials as defined by the Resource Conservation and Recovery Act (RCRA), but do not presently generate hazardous waste.
- Resource Conservation and Recovery Information System-Conditionally Exempt Small Quantity Generators (RCRA-CESQG) – sites which generate, store, treat, and/or dispose of hazardous materials as defined by RCRA, but do not presently generate more than 100 kg of hazardous waste or 1 kg of acutely hazardous waste per month.

- Resource Conservation and Recovery Information System - Small Quantity Generators (RCRA-SQG) – sites which generate, transport, store, treat, and/or dispose of between 100 kg and 1,000 kg of hazardous waste per month.
- Resource Conservation and Recovery Information System – Large Quantity Generators (RCRA-LQG) – sites which generate, transport, store, treat, and/or dispose of over 1,000 kg of hazardous waste, or over 1 kg of acutely hazardous waste per month.
- Engineering Controls Sites List (US ENG CONTROLS) – A listing of sites with engineering controls in place, such as caps, building foundations, liners, and treatment methods.
- Sites with Institutional Controls (US INST CONTROLS) – A listing of sites with institutional controls in place, such as groundwater use restrictions, construction restrictions, property use restrictions, and property care requirements.
- Facility Index System/Facility Registry System (FINDS) – Contains facility information and "pointers" to other information sources and includes a number of other databases.
- Inactive Hazardous Waste Disposal Sites in New York State (SHWS) – Lists New York State Superfund Program sites.
- UST – A listing of petroleum bulk storage underground storage tanks (USTs).
- Chemical Bulk Storage Database (CBS UST) – A listing of facilities that store regulated hazardous substances in USTs of any size.
- Major Oil Storage Facilities Database (MOSF UST) – A listing of major oil storage facilities.
- TANKS – A database of facilities regulated under the DEC Bulk Storage Program.
- AST – A listing of petroleum bulk storage aboveground storage tanks (ASTs).
- LTANKS Spills Information Database – Inventory of leaking storage tank incident reports since April 1, 1986.
- HIST LTANKS – A database of historic LTANKS listings.
- HIST UST – A database of historic UST listings.
- HIST AST – A database of historic AST listings.
- SWF/LF Facility Register – Solid Waste Facilities and Landfill Sites.
- Reported Spills (NY Spills) – A list of spills reported to the DEC.

The Property is listed in one regulatory database, NY Spills. According the NY Spills database, a spill was reported at the Old Champlain Canal in the vicinity of Route 4 and Evans Street on December 20, 1994. The DEC memorandum stated, "No spill observed at time of inspection. Probable natural occurring condition (i.e. bacteria, algae)." However, the remarks stated, "Possible buried drums from old dumpsite leaking into canal. Approx 36 sq. ft. area visible." The presence of a dumping site on the Property is considered a REC. Soil samples collected by Kane Environmental are discussed in Section 6.

Kane Environmental identified two (2) other regulated sites in the vicinity of the Property. Regulated sites are listed in Table 3. The remaining sites identified in the database review, even though some are within

the ASTM recommend search distances of the Property, do not represent a potential REC to the Property based on either their geographic location, distance from the Property, and/or regulatory status.

Table 3

Regulated Sites

Site Name	Approximate Distance/Direction From Subject Property	Topography	Regulatory Program	Environmental Concern/ Reason
NYSDOT Rt 4 Schuylerville, NY	190 feet to the north	Up-/Cross-gradient	UST, AST, HIST AST	No – see below.
Hudson River PCBs No Street Applicable Hudson River, NY	660 feet to the east	Down-gradient	NPL, CERCLIS, RCRA-LQG, US ENG CONTROLS, US INST CONTROL, CONSENT, ROD, NY Spills, PRP	No – see below.

NYSDOT – This site is a highway maintenance facility located to the north of the Property. According to the UST database, three USTs were removed from the site in 1997. These included a steel gasoline UST installed in 1977, a steel diesel UST installed in 1977, and a steel fuel oil UST installed in 1947. Additionally, a 2,000-gallon steel diesel aboveground storage tank (AST) was installed in 1997 and removed in 2006, and a steel 500-gallon kerosene and/or used oil AST of an unknown age was removed in 2008. Because of the lack of reported releases, as well as the distance of the site from the Property and the expected groundwater flow direction east toward the Hudson River, this site is not considered a REC for the Property.

Hudson River PCBs – This site is a nearly 200-mile stretch of the Hudson River extending from Hudson Falls to New York City. The river sediment in this stretch is contaminated in many places with polychlorinated biphenyls (PCBs). The predominant sources of the PCBs were two capacitor manufacturing plants owned and operated by General Electric in the vicinity of Hudson Falls and Fort Edward. When the Fort Edward Dam was removed in 1973, contaminated sediment behind the dam was remobilized and distributed downstream. More detailed information regarding the Hudson River PCBs site is available in the regulatory database records included as Attachment C.

Because the Hudson River is located down-gradient of the Property, it is not considered a REC.

5.2 Additional Regulatory Records

Local governmental agencies were contacted regarding any records of potential environmental concern for the Property. Any available information is summarized in the sections below.

5.2.1 State of New York Department of Health, Glens Falls District Office

Kane Environmental contacted the Glens Falls District Office of the State of New York Department of Health to inquire if there was any information on file regarding the Property. Kane Environmental is awaiting a response from this department. If any information becomes available that changes the findings of this report, the client will be notified.

5.2.2 Schuyler House Company

Kane Environmental contacted the Schuyler House Company and requested information about emergency responses, hazardous material storage, and installations or removals of underground storage tanks related to the Property. Kane Environmental is awaiting a response from this department. If any information becomes available that changes the findings of this report, the client will be notified.

5.2.3 Town of Saratoga

Kane Environmental contacted the Town of Saratoga Building Inspector, Mr. Gilman Albert, to request to review building plans and permits for the Property. Kane Environmental is awaiting a response from Mr. Albert. If any information becomes available that changes the findings of this report, the client will be notified.

6.0 PHASE II ENVIRONMENTAL SITE ASSESSMENT

6.1 Introduction

In order to assess the environmental impacts of dumping on the Property, Kane Environmental completed six (6) test pits on the Property on May 1, 2014 and collected one soil sample from each, for a total of six (6) soil samples. The locations of the six test pits are depicted in Figure 2, and described below:

- KTP-1 was located just outside of the northern Property boundary, at the toe of the slope on the west side of the dumping area. Surface debris in the area of KTP-1 included metal, pottery, and glass. Soils at KTP-1 consisted of vegetation from the surface to 4 inches below ground surface (bgs), and dark brown silt from 4 inches bgs to 1 foot bgs. Sample KTP-1 was collected at 1 foot bgs.

- KTP-2 was located in the northern portion of the Property, at the bottom of the channel. Surface debris in the area of KTP-2 included glass, metal, iron, ceramic, glass bottles, and a metal juice can. Soils at KTP-2 consisted of vegetation and roots from the surface to 3 inches bgs, and dark brown silt from 3 inches bgs to 2 feet bgs. Sample KTP-2 was collected at 1.5 feet bgs.

- KTP-3 was located in the northern portion of the Property, at a mound at the toe of the east slope of the channel. Soils at KTP-3 consisted of vegetation and roots from the surface to 6 inches bgs, and dark silt transitioning gradually to medium tan silt with clay from 6 inches bgs to 2 feet bgs. Debris was found approximately 2 feet bgs in KTP-3, including glass, bottles, metal cans, and aluminum foil. Sample KTP-3 was collected at 2 feet bgs.

- KTP-4 was located in the northern portion of the Property, adjacent and downslope of 5-gallon metal drums. Soils at KTP-4 consisted of dark silt with vegetation from the surface to 6 inches bgs, changing gradually to medium brown silt with clay from 6 inches bgs to 2 feet bgs. Roots were present from the surface to 1.5 bgs. Sample KTP-4 was collected at 2 feet bgs.

- KTP-5 was located in the central portion of the Property. Surface debris in the area of KTP-5 included broken glass, metal, glass bottles, iron, aluminum foil, metal piping, glass jars, and metal cans. Soils at KTP-5 consisted of dark silt with roots and vegetation from the surface to 6 inches bgs, changing gradually to medium brown silt with clay and roots from 6 inches to 1 foot bgs. Sample KTP-5 was collected at 1 foot bgs.

- KTP-6 was located in the central portion of the Property. Surface debris in the vicinity of KTP-6 included 1- and 5-gallon drums, broken glass, metal, glass bottles, and metal cans. Soils at KTP-6 consisted of dark silt with vegetation and roots from the surface to 6 inches bgs, changing

gradually to medium brown silt with clay and roots from 6 inches to 1 foot bgs. Sample KTP-5 was collected at 1 foot bgs.

6.2 Field Methodology

6.2.1 Sampling Methodology

The test pit locations were selected for field investigation based on the distribution of dumping debris. Field methods utilized, including sample collection, field screening, selected analysis, and documentation procedures are briefly described in the following subsections. Sample collection and documentation were completed in accordance with Kane Environmental standard operating procedures.

6.2.2 Sample Collection Methods

Kane Test Pits (KTP) were hand dug using a pitch fork to remove solid debris and a shovel. Soil samples were logged for physical properties such as grain size, color, and moisture. Soil samples were collected from the test pits using a decontaminated stainless steel trowel and utilizing the collection, preparation and preservation methods outlined in EPA Method 5035A. Soil samples were placed into 4-ounce pre-cleaned, laboratory prepared, glass jars with Teflon lids, as well as 40-milliliter glass vials pre-preserved with methanol.

Soil sampling nomenclature identified each soil sample with a “KTP” for samples from the test pit. Following this designation was a number which corresponded to that particular test pit (see above). For example, soil sample “KTP-3” was the soil sample collected from test pit KTP-3.

6.2.3 Field Screening Methods

Following collection, samples were inspected visually for any indication of contamination (discoloration and/or odor). Kane Environmental did not observe any indication of contamination in any of the soil samples collected, aside from the presence of garbage debris in the test pits.

6.3 Analytical Methods

All six soil samples were submitted to Pace Analytical and analyzed for the following:

- Volatile Organic Compounds (VOCs) by Method SW-846 8260C,
- Polynuclear Aromatic Hydrocarbons (PAHs) by Method SW-846 8270D,
- PCB Aroclors by Method SW-846 8082A,
- Mercury by Method SW-846 7471B, and

- Metals by Method SW-846 6010C.

All analyses were performed in accordance with Pace Analytical's in-house Quality Assurance/Quality Control Plans. Sample analyses were performed in compliance with EPA analytical methods and DEC guidelines. Samples were analyzed within specified holding times. All detection limits were within method requirements and no other factors appeared to significantly adversely affect data quality.

Some technical and administrative items were noted by Pace Analytical for their analysis of VOCs and PCBs. Details may be found in the Laboratory Analytical Report (Attachment H).

6.4 Subsurface Conditions

Soil encountered during the Phase II ESA on May 1, 2014 are described in Section 6.1, and generally consisted of dark brown to medium tan silt with vegetation, roots, and occasional clay. Test pits KTP-1, KTP-5, and KTP-6 were dug to a depth of 1 foot bgs. Test pit KTP-2 was dug to a depth of 1.5 feet bgs. Test pits KTP-3 and KTP-4 were dug to a depth of 2 feet bgs.

6.5 Analytical Results

Soil samples from all six test pits contained detectable concentrations of arsenic, barium, chromium, lead, and mercury. Additionally, soil samples from all test pits but KTP-4 contained detectable concentrations of cadmium.

Arsenic was detected at concentrations exceeding the Restricted-Residential Soil Cleanup Objective (SCO) of 16 mg/kg in samples KTP-1 (37.2 mg/kg), KTP-5 (45.3 mg/kg), and KTP-6 (35.9 mg/kg).

Barium was detected at concentrations exceeding the Restricted-Residential SCO of 400 mg/kg in samples KTP-1 (3,050 mg/kg), KTP-2 (635 mg/kg), KTP-5 (1,660 mg/kg), and KTP-6 (1,120 mg/kg).

Cadmium was detected at concentrations exceeding the Restricted-Residential SCO of 4.3 mg/kg in samples KTP-1 (12.1 mg/kg), KTP-2 (7.77 mg/kg), KTP-5 (37.2 mg/kg), and KTP-6 (8.44 mg/kg).

Restricted-Residential SCOs for chromium include an SCO of 180 mg/kg for chromium. Chromium was detected at concentration exceeding this standard in sample KTP-1 (10,700 mg/kg).

Lead was detected at concentrations exceeding the Restricted-Residential SCO of 400 mg/kg in samples KTP-1 (72,800 mg/kg), KTP-2 (2,210 mg/kg), KTP-3 (563 mg/kg), KTP-5 (5,170 mg/kg), and KTP-6 (1,950 mg/kg).

Mercury was detected in all six samples, but did not exceed the Restricted-Residential SCO of 0.81 mg/kg in any of them. Silver and selenium were not detected in any of the six samples.

No PCBs were detected in any of the six soil samples except for Aroclor 1254, which was detected in soil samples KTP-1, KTP-2, KTP-3, and KTP-6. The PCB concentrations detected in these samples do not exceed the Restricted-Residential SCO for Total PCBs of 1 mg/kg.

No VOCs were detected in any of the six soil samples except for tetrachloroethene (PCE), which was detected in soil sample KTP-1 at a concentration of 0.00883 mg/kg. This concentration does not exceed the Restricted-Residential SCO for tetrachloroethene of 19 mg/kg.

No PAHs were detected in any of the six soil samples.

Soil sample analytical results are summarized in Tables 4-7. The laboratory analytical report is included as Attachment H.

6.6 Discussion and Conclusions

Soil samples collected during the Phase II ESA reported concentrations for arsenic, barium, cadmium, chromium, and lead that exceed their respective Restricted-Residential SCOs. All other analytes were either not detected or detected at concentrations not exceeding their respective Restricted-Residential SCOs. Restricted-Residential SCOs were chosen for comparison due to the anticipated public use of the Property.

Metals contamination was present at depths ranging from 1 foot to 1.5 feet bgs in northern and central portions of the Property. The sampling completed as part of this Phase II ESA is not adequate to fully characterize the extent of soil contamination on the Property. Further investigation is recommended.

7.0 FINDINGS AND OPINIONS

The Property was occupied by the Champlain Canal from approximately 1823 until approximately the 1920s, when the canal was abandoned. The Property has been occupied since the 1920s by the vacant and abandoned canal, which has become overgrown with vegetation. Between approximately the 1930s and 1960s, local residents reportedly used the area as an unofficial dump site, disposing of household waste as well as other products in the former canal. A 1996 soil sampling event reportedly found arsenic in the soil of the abandoned canal at levels exceeding the New York DEC Restricted-Residential Soil Cleanup Objectives (SCOs). Kane Environmental selected Restricted-Residential SCOs for comparison to contaminant concentrations on the Property on the basis of the Property's anticipated public use.

On May 1, 2014, Kane Environmental completed six (6) test pits on and immediately adjacent to the Property, to a depth of 1 to 2 feet bgs. Soil samples from these test pits were collected and submitted for analysis of volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and metals. Metals were found to be present at concentrations exceeding the Restricted-Residential SCOs at several locations on the Property and in the area immediately adjacent to the north, at depths of 1 foot to 1.5 feet bgs. Metals present at concentrations exceeding the Restricted-Residential SCOs included arsenic, barium, cadmium, chromium, and lead.No other analytes were found to be present at concentrations exceeding the Restricted-Residential SCOs. The presence of contaminated soil associated with the old dump site on the Property is considered a REC.

Further investigation is recommended in order to characterize the vertical and horizontal extent of soil metals contamination and provide estimated costs for remediation and/or environmental liability on the Property. Kane Environmental recommends a Second Round of soil test pits with soil collected at two intervals; 0 to 1-1.5 foot below ground surface (bgs), and 1–1.5 to 2 feet bgs, based on visual depth of surficial debris. Recommended analyses is for metals found above state soil cleanup standards during the first round of sampling; arsenic, lead, chromium, cadmium and barium. Round 2 test pits should be located further upslope (toward Route 4) and downslope (toward the wetlands) of the Round 1 test pit locations, and further to the south on the Tract, for an estimated eighteen (18) test pits. Kane Environmental also recommends that three (3) additional test pits be collected at the bottom of the slope in the vicinity of the wetlands, to identify potential metals migration into the wetlands. If present, three (3) wetlands water samples should also be collected in the vicinity of the wetlands test pits for metals analyses. Kane Environmental recommends two field personnel conduct the Round 2 sampling effort for health and safety precautions due to the presence of steep slopes and difficult sampling conditions. The estimated cost for Round 2 sampling is $12,000.

8.0 CONCLUSIONS

We have performed a *Phase I Environmental Site Assessment* in conformance with the scope and limitations of ASTM Practice E1527-13 of Saratoga National Historic Park Tract 01-159 in Saratoga, New York, the Property. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. Additionally, we have conducted a Phase II Environmental Site Assessment of the Property. This assessment has revealed no evidence of *recognized environmental conditions* in connection with the Property, except the following:

- **The presence of contaminated soil associated with an old dump site on the Property is considered a REC.** Soil contaminants exceeding New York DEC Restricted-Residential Soil Cleanup Objectives include arsenic, barium, cadmium, chromium, and lead.

Kane Environmental recommends further investigation to characterize the extent of soil contamination on the Property.

9.0 LIMITATIONS

Kane Environmental has performed this work in general accordance with ASTM Standard E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, with generally accepted professional practices for the nature and conditions of the work completed in the same locality and at the same time as the work was performed, and with the terms and conditions as set forth in our proposal.

In preparing this report, Kane Environmental has reviewed historical records; conducted interviews with persons identified herein, and conducted a visual inspection of the Property. We have examined and relied upon documents referenced in the report and on oral statements made by certain individuals. Kane Environmental has not conducted an independent examination of the facts contained in referenced materials and statements. We have assumed that these documents are genuine and that the information provided in these documents and statements is true and accurate. Kane Environmental shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time the report was prepared. Kane Environmental shall not be responsible for any environmental costs associated with the purchase and sale of the Property, whether or not the National Park Service, or its designated assignees, conducts further investigation of the Property. Upon receipt of this Phase I ESA, the National Park Service indemnifies Kane Environmental for all environmental costs and claims for the Property. Facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of the work was performed. This Phase I Environmental Site Assessment & Phase II Environmental Site Assessment does not include other services not specifically described in the scope of work in Section 1.0 of this report. Conclusions were made within the operative constraints of the scope of work, budget, and schedule for this project.

Our assessment of the property may change as new data become available, either from persons familiar with the site or during additional site studies, exploration, or sampling. This report is intended for the exclusive use by the National Park Service and its designated assignees, for specific application to the referenced Property. It is not meant to represent a legal opinion. No other warranty, express or implied, is made.

9.0 REFERENCES

- Interview with Mr. Joe Finan, Superintendent with the National Park Service
- Saratoga County website
- State of New York Department of Health, Glens Falls District Office
- Schuyler Hose Company
- Town of Saratoga
- United States Geologic Survey
- EDR
- *New Topographical Atlas of Saratoga County, New York, from Actual Surveys by S. N. & D. G. Beers and assistants,* 1866
- Google Earth

FIGURES



KANE ENVIRONMENTAL INC

Phase I & Phase II Environmental Site Assessment
Saratoga NHP Tract 01-159
Saratoga, New York

Figure 1
Vicinity Map



LEGEND

Approximate location of property line

KTP-1 Approximate location of Kane Environmental test pit

0 250 500

Approximate Scale in Feet

KANE ENVIRONMENTAL INC

Phase I & Phase II Environmental Site Assessment
Saratoga NHP Tract 01-159
Saratoga, New York

Figure 2
Site Plan

TABLES

TABLE 4
Summary of Metals in Soil
Saratoga NHP Tract 01-159
Saratoga, New York

Sample ID	Sample Depth (in feet)	Sample Date	Arsenic	Barium	Cadmium	Chromium	Lead	Selenium	Silver	Mercury
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
KTP-1	1 ft	5/1/2014	***37.2***	***3050***	***12.1***	***10700***	***72800***	nd	nd	0.695
KTP-2	1.5 ft	5/1/2014	7.74	***635***	***7.77***	72.9	***2210***	nd	nd	0.555
KTP-3	2 ft	5/1/2014	4.13	253	2	26.3	***563***	nd	nd	0.444
KTP-4	2 ft	5/1/2014	2.24	51.8	nd	9.08	17	nd	nd	0.0482
KTP-5	1 ft	5/1/2014	***45.3***	***1660***	***37.2***	***178*** [c]	***5170***	nd	nd	0.271
KTP-6	1 ft	5/1/2014	***35.9***	***1120***	***8.44***	68.1	***1950***	nd	nd	0.771
Method Reporting Limit [a]			9.8	9.8	7.84	9.8	9.8	19.6	13.7	0.0755
Restricted-Residential Soil Cleanup Objectives			16	400	4.3	110 / 180 [b]	400	180	180	0.81

Notes:
mg/kg = milligrams per kilogram (equivalent to parts per million)
Shaded and Bold concentrations are above the applicable Restricted-Residential Soil Cleanup Objectives.
a = Method Reporting Limit varies by sample. See analytical results for more detail.
b = The soil cleanup objective for hexavalent chromium is 110 mg/kg; the soil cleanup objective for trivalent chromium is 180 mg/kg.
c = Concentration is above the Soil Cleanup Objective for hexavalent chromium, but below the SCO for trivalent chromium.

TABLE 5
Summary of PCBs in Soil
Saratoga NHP Tract 01-159
Saratoga, New York

Sample ID	Sample Depth (in feet)	Sample Date	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Total PCBs
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
KTP-1	1 ft	5/1/2014	nd	nd	nd	nd	nd	0.518	nd	0.518
KTP-2	1.5 ft	5/1/2014	nd	nd	nd	nd	nd	0.329	nd	0.329
KTP-3	2 ft	5/1/2014	nd	nd	nd	nd	nd	0.237	nd	0.237
KTP-4	2 ft	5/1/2014	nd	nd	nd	nd	nd	nd	nd	nd
KTP-5	1 ft	5/1/2014	nd	nd	nd	nd	nd	nd	nd	nd
KTP-6	1 ft	5/1/2014	nd	nd	nd	nd	nd	0.273	nd	0.273
Method Reporting Limit [a]			0.0939	0.0939	0.0939	0.0939	0.0939	0.0939	0.0939	0.0939
Restricted-Residential Soil Cleanup Objectives			NV	NV	NV	NV	NV	NV	NV	1

Notes:
mg/kg = milligrams per kilogram (equivalent to parts per million)
a = Method Reporting Limit varies by sample. See analytical results for more detail.

TABLE 6
Summary of Volatile Organic Compounds in Soil
Saratoga NHP Tract 01-159
Saratoga, New York

Sample ID		KTP-1	KTP-2	KTP-3	KTP-4	KTP-5	KTP-6	Method Reporting Limit[a]	Restricted-Residential Soil Cleanup Objectives
Date of Collection		5/1/14	5/1/14	5/1/14	5/1/14	5/1/14	5/1/14		
Depth		1ft	1.5 ft	2 ft	2 ft	1 ft	1 ft		
1,1,1,2-Tetrachloroethane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
1,1,1-Trichloroethane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	100
1,1,2,2-Tetrachloroethane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
1,1,2-Trichloroethane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
1,1-Dichloroethane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	26
1,1-Dichloroethene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	100
1,1-Dichloropropene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
1,2,3-Trichlorobenzene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
1,2,3-Trichloropropane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
1,2,4-Trichlorobenzene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
1,2,4-Trimethylbenzene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	52
1,2-Dibromo-3-chloropropane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
1,2-Dibromoethane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
1,2-Dichlorobenzene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	100
1,2-Dichloroethane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	3.1
1,2-Dichloropropane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
1,3,5-Trimethylbenzene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	52
1,3-Dichlorobenzene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	49
1,3-Dichloropropane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
1,4-Dichlorobenzene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	13
2,2-Dichloropropane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
2-Butanone (Methyl Ethyl Ketone)	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	100
2-Chloroethylvinylether	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
2-Chlorotoluene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
2-Hexanone	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
4-Chlorotoluene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
4-Isopropyltoluene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
4-Methyl-2-pentanone	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
Acetone	mg/kg	nd	nd	nd	nd	nd	nd	0.0441	100
Benzene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	4.8
Bromobenzene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
Bromochloromethane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
Bromodichloromethane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
Bromoform	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
Bromomethane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
Carbon Disulfide	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
Carbon Tetrachloride	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	2.4
Chlorobenzene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	100
Chloroethane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
Chloroform	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	49
Chloromethane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
cis-1,2-Dichloroethene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	100
cis-1,3-Dichloropropene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
Dibromochloromethane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
Dibromomethane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
Dichlorodifluoromethane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
Ethylbenzene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	41
Hexachlorobutadiene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
Isopropylbenzene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
Methylene Chloride	mg/kg	nd	nd	nd	nd	nd	nd	0.0441	100
Methyl-tert-butyl-ether (MTBE)	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	100
Naphthalene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	100
n-Butylbenzene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
n-Propylbenzene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	100
sec-Butylbenzene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	100
Styrene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
tert-Butylbenzene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	100
Tetrachloroethene	mg/kg	0.00883	nd	nd	nd	nd	nd	0.00882	19
Toluene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	100
Total Xylenes	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	100
trans-1,2-Dichloroethene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	100
trans-1,3-Dichloropropene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
Trichloroethene	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	21
Trichlorofluoromethane	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
Vinyl Acetate	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	NV
Vinyl Chloride	mg/kg	nd	nd	nd	nd	nd	nd	0.00882	0.9

Notes:
mg/kg = milligrams per kilogram (equivalent to parts per million [ppm]
nd = not detected at method reporting limit
NV = no cleanup value under these criteria.
a = Method Reporting Limit varies by sample. See analytical results for more detai

TABLE 7
Summary of Polynuclear Aromatic Hydrocarbons in Soil
Saratoga NHP Tract 01-159
Saratoga, New York

Sample ID		KTP-1	KTP-2	KTP-3	KTP-4	KTP-5	KTP-6	Method Reporting Limit[a]	Restricted-Residential Soil Cleanup Objectives
Date of Collection		5/1/14	5/1/14	5/1/14	5/1/14	5/1/14	5/1/14		
Depth		1ft	1.5 ft	2 ft	2 ft	1 ft	1 ft		
2-Methylnaphthalene	mg/kg	nd	nd	nd	nd	nd	nd	0.329	NV
Acenaphthene	mg/kg	nd	nd	nd	nd	nd	nd	0.329	100
Acenaphthylene	mg/kg	nd	nd	nd	nd	nd	nd	0.329	100
Anthracene	mg/kg	nd	nd	nd	nd	nd	nd	0.329	100
Benzo(a)anthracene	mg/kg	nd	nd	nd	nd	nd	nd	0.329	1
Benzo(a)pyrene	mg/kg	nd	nd	nd	nd	nd	nd	0.329	1
Benzo(b)fluoranthene	mg/kg	nd	nd	nd	nd	nd	nd	0.329	1
Benzo(g,h,i)perylene	mg/kg	nd	nd	nd	nd	nd	nd	0.329	100
Benzo(k)fluoranthene	mg/kg	nd	nd	nd	nd	nd	nd	0.329	3.9
Chrysene	mg/kg	nd	nd	nd	nd	nd	nd	0.329	3.9
Dibenz(a,h)anthracene	mg/kg	nd	nd	nd	nd	nd	nd	0.329	0.33
Fluoranthene	mg/kg	nd	nd	nd	nd	nd	nd	0.329	100
Fluorene	mg/kg	nd	nd	nd	nd	nd	nd	0.329	100
Indeno(1,2,3-cd)pyrene	mg/kg	nd	nd	nd	nd	nd	nd	0.329	0.5
Naphthalene	mg/kg	nd	nd	nd	nd	nd	nd	0.329	100
Phenanthrene	mg/kg	nd	nd	nd	nd	nd	nd	0.329	100
Pyrene	mg/kg	nd	nd	nd	nd	nd	nd	0.329	100

Notes:
mg/kg = milligrams per kilogram (equivalent to parts per million [ppm]).
nd = not detected at method reporting limit.
NV = no cleanup value under these criteria.
a = Method Reporting Limit varies by sample. See analytical results for more detail.

ATTACHMENT A
TITLE REPORT

Title Number 1303040307

CERTIFICATE FOR TITLE INSURANCE

Issued by

CHICAGO TITLE INSURANCE COMPANY

Chicago Title Insurance Company, a Nebraska Corporation, herein called the Company, certifies to the Applicant named on the following page that an examination of title to premises described in Schedule A has been made in accordance with its usual procedure and agrees to issue the 2006 ALTA (6-17-06) Owner's or Lender's form of insurance policy as modified by the New York Coverage Endorsements in the amount and for the transaction set forth herein and subject to the exclusions from coverage and the conditions and stipulations therein contained.

After the closing of the transaction, in conformance with the requirements and procedures of the Company, the Company will issue the policy and except (i) all loss or damage by reason of the estates, interests, defects, objections, liens, encumbrances and other matters set forth in Schedule B herein that are not disposed of to the satisfaction of the Company prior to such closing or issuance of the policy (ii) any questions or objection coming to the attention of the Company before the date of closing, or if there be no closing, before the issuance of the policy.

IN WITNESS WHEREOF, Chicago Title Insurance Company has caused its corporate name and seal to be hereunto affixed by its duly authorized officers on the date shown in Schedule A.

Questions concerning the within Certificate
should be directed to:

FELDMAN-JACOBSON ABSTRACT CORP.
94 Market Street
Poughkeepsie, NY 12601
Tel (845) 454-1171
Fax (845) 454-3720

CHICAGO TITLE INSURANCE COMPANY

By: _____ President

ATTEST _____ Secretary

_____
Authorized Signature

This certificate is intended for lawyers only. Such exceptions as may be set forth herein may affect marketability of title. Your lawyer should be consulted before taking any action based upon the contents of this certificate. The Company's representative at the closing hereunder may not act as legal advisor to any of the parties or draw legal instruments for them. Such representative is permitted to be of assistance only to an attorney. It is advisable to have your attorney present at the closing.

Feldman-Jacobson Abstract Corp.

Agent for

Chicago Title Insurance Company

Schedule A

Underwriter No. **RF 291-13**
Title Number: **1303040307**

Effective Date: **11/25/2013**

Premises **US Highway 4, Saratoga**
Town/Village/City **Town of Saratoga**
County **Saratoga**
Section **P/O170** Block **1** Lot **1.1**

ALTA Owner's Policy 1992 (with N.Y. Endorsement Modifications) $ **12,000.00**
Proposed Insured **United State of America**

ALTA Loan Policy 1992 (with N.Y. Endorsement Modifications)
Proposed Insured

The estate or interest in the land described or referred to in this Certificate and covered herein is: **Fee Simple**

Title to said estate or interest in said land at the effective date hereof is vested in:

The People of the State of New York

Source of Title:

Title acquired pursuant to Section 3 of Chapter 199, Laws of New York, 1910, and "Blueline" Maps Nos. 45 and 46, both titled "Map of a Potion of Champlain Lands Belonging to the State, Made Pursuant to Chapter 199, Laws of 1910, and Amendatory Laws " and on file with the NYS Canal Corporation.

Recertified Date: ____/____/_____ Title Recertified In:

The land referred to in this Certificate is described as follows:

SCHEDULE "A" DESCRIPTION TO FOLLOW

TRACT 01-159

All that tract or parcel of Abandoned Champlain Canal (ACC) land situate in the Town of Saratoga, County of Saratoga, and State of New York, being more particularly described as follows:

BEGINNING at the northeasterly corner of the lands described herein at Blue Line (BL) point 361 on the easterly BL of the ACC as depicted on Page No. 46 of the map entitled, "Map of a Portion of Champlain Canal Lands Belonging to the State, Made Pursuant to Chapter 199, Laws of 1910, and Amendatory Laws," on file with the New York State Canal Corporation, at the southeasterly corner of certain lands of the ACC now or formerly of the State of New York depicted as Parcel No. 5 on New York State Department of Transportation Map No. 4-T, dated December 16, 1983, on file with the New York State Office of General Services as O.G.S. Map No. 2107 (Tract 01-124), and on the westerly boundary of lands of the United States of America (USA) in Saratoga National Historical Park (Park) described by deeds recorded with the Saratoga County Clerk's Office (County) in Liber 499 of Deeds at page 539, Liber 467 of Deeds at page 228, Liber 467 of Deeds at page 224, Liber 467 of Deeds at page 221, Liber 467 of Deeds at page 217, and Liber 419 of Deeds at page 207 (Tract 01-101 "lot number eight");

thence N 73° 22' 25' W, 100.98' across the ACC along the southerly boundary of Tract 01-124 to the northwesterly corner of the lands described herein at BL point 456 at the southwesterly corner of Tract 01-124, on the westerly BL of the ACC, and on the easterly boundary of other lands of the USA in the Park described by the deed recorded with the County in Liber 1114 of Deeds at page 102 (Tract 01-128);

thence along the westerly BL of the ACC, the easterly boundary of Tract 01-128, and the easterly line of U.S. Highway 4 the following four courses and distances:

1. S 20° 02' 15' W, 235.04' to BL point 454,
2. S 13°32'15" W, 193.35' to BL point 452,
3. S 6° 50' 45' W, 107.57', to BL point 450, and
4. S 7° 08' W, 93.54' to the southwesterly corner of the lands described herein and the northwesterly corner of other lands of the ACC now or formerly of the State of New York to be conveyed to the USA to be included within the Park (Tract 01-158);

thence S 78° E, 122.48' across the ACC along the northerly boundary of Tract 01-158 in line with the southerly boundary of Tract 01-101 "lot number eight" to a stone set in the ground on the easterly BL of the ACC marking the southeasterly corner of the lands described herein, the northeasterly corner of Tract 01-158, the southwesterly corner of Tract 01-101 "lot number

Continued On Next Page

eight," and the northwesterly corner of lands now or formerly of William and Juanita Boyce described by the deed recorded with the County in Liber 1721 of Deeds at page 428;

thence along the easterly BL and the westerly boundary of Tract 01-101 "lot number eight" the following three courses and distances:

1. N 6° 48' 45" E, 210.00' to BL point 357,
2. N 9° 51' 45" E, 181.30' to BL point 359, and
3. N 18° 06' 15" E 229.20' to the northeasterly corner of the lands described herein at BL point 361 and the POINT OF BEGINNING;

The parcel described above, designated Tract No. 01-159 in Saratoga National Historical Park, is intended to be a portion of the Abandoned Champlain Canal now or formerly held by the State of New York pursuant to section 3 of Chapter 199, Laws of New York, 1910, and depicted on Page No. 46 of the map entitled, "Map of a Portion of Champlain Canal Lands Belonging to the State, Made Pursuant to Chapter 199, Laws of 1910, and Amendatory Laws," on file with the New York State Canal Corporation.

Schedule B - Part 1

1. IDENTITY PARTIES
   The identity of parties at the closing of this title should be established to the satisfaction of the closer.
2. SECTION 13 OF LIEN LAW
   Deeds and mortgages must contain the covenant required by section 13 of the Lien Law and such covenant must be absolute and not conditional. The covenant is not required in deeds from referees or other persons appointed by a court for the sole purpose of selling property.
3. ASSIGNMENT OF MORTGAGE OR OTHER LIENS
   When the transaction is an assignment of a mortgage or other lien, an estoppel certificate executed by the owner of the fee and by the holders of all subsequent encumbrances must be obtained. When the transaction is a mortgage, the amount actually advanced should be reported to the Company.
4. MATTERS AFTER EFFECTIVE DATE OF CERTIFICATE
   Defects, liens, encumbrances, adverse claims or other matters, if any, created, first appearing in public records or attaching subsequent to the effective date hereof but prior to the date the proposed insured acquires for value of record the estate or interest or mortgage thereon covered by the Certificate.
5. CORPORATE GRANTOR
   If the present transaction consists in whole or in part of a conveyance or lease by a corporate grantor or lessor, there must be compliance with Section 909 of the Business Corporation Law. We will require the written consent to such conveyance or lease by all the holders of the outstanding shares of the said corporation and the instrument on closing should so recite in lieu thereof the consent of the holders of two-thirds of all outstanding shares entitled to vote thereon obtained at a meeting duly noticed and called for the purpose of obtaining such consent in the manner provided for in Section 605 of the Business Corporation Law is required and the instrument on closing should so recite.

   If neither of the above is obtained, the, the proofs, showing the basis upon which the conveyance or lease is to be made must be submitted to counsel prior to closing.
6. CORPORATE MORTGAGOR
   If the present transaction consists in whole or in part of the making of a new mortgage there must be compliance with Section 911 of the Business Corporation Law. We will require a certified copy of the resolution of the board of directors of any corporate mortgagor authorizing the making of said mortgage.

   Proof must also be shown that the consent of the stockholders of the mortgagor corporation is not required by its certificate of incorporation or amendments thereto for the making of said mortgage.

   The mortgage should contain a recital showing that it was made and executed pursuant to the resolution of the board of directors of the mortgagor.
7. CONTRACT
   If this certificate requires a conveyance of the fee estate and the contract has not been submitted to the Company, it should be furnished for consideration prior to closing.
8. PROOF OF NO OTHER NAME
   Proof is required to show that the persons certified as owners herein have not been known by any other name in the 10 years last past. If they have been known by another name, all searches must be amended and run against such name and title is subject ot returns, if any, on such amended searches.
9. IDENTITY PARTIES
   The identity of parties at the closing of this title should be established to the satisfaction of the closer.
10. MARKET VALUE ENDORSEMENT
    Section 6409(c) of the Insurance Law requires that title companies offer, at or prior to closing, an optional endorsement to cover the owner-occupant of real property used predominantly for residential purposes and consisting of not more than four dwelling units, for loss in excess of the purchase price (policy stated amount of liability) and up the future market value of the property. If you do not wish this additional optional coverage, you must waive the same by signing in the space following this notice.

Underwriter No. **RF 291-13**
Title Number: **1303040307**

Schedule B

Hereinafter set forth are additional matters which will appear in our policy as exceptions from coverage unless disposed of to our satisfaction prior to the closing or delivery of the policy.

1. Taxes, tax liens, tax sales, water rates, sewer and assessments set forth in schedule herein.
2. Mortgages returned herein(0). Detailed statement herein.
3. Rights of tenants or persons in possession.
4. Until a guaranteed survey is received, policy will not insure the exact location, courses, distances and dimensions of subject premises or the bed of any street, road or avenue passing through the same and will except any state of facts not of record such a survey would show.
5. Subject to right of way reserved in Liber 1721 cp 428.
6. Proof of compliance with all statutory requirements for the sale and/or conveyance of lands owned by the State of New York is required.
7. The premises to be insured hereunder are benefited by a real estate tax exemption specific to the certified owner. This exemption will cease upon the sale or transfer of the subject premises. Additional taxes may have, or will accrue thereon.
8. Policy excepts any consequences that may arise due to the fact that the instruments submitted for recording are rejected by the County Clerk or Register because the instruments are illegible.
9. FOR INFORMATION ONLY: ALL PARTIES will be required to provide photo identification and social security numbers to the Company's Representative at closing. The company may impose additional charges for attendance in excess of two hours and for any closings extending beyond normal business hours and where additional attendances are necessary or travel arrangements and distance warrant.

CONDITIONS AND STIPULATIONS

1. This Certificate shall be null and void;

(A) if the fees therefore are not paid;

(B) if the prospective insured, his attorney or agent makes any untrue statement with respect to any material fact, or if any untrue answers are given to material inquiries by or on behalf of the Company;

(C) when the policy shall issue or nine months after the effective date hereof, whichever first occurs, provided that the failure to issue such policy is not the fault of the Company.

(D) until the amount of the policy or policies requested is inserted in Schedule A hereof by the Company, either at the time of issuance of this Certificate or by the subsequent endorsement.

2. If the title, interest or lien to be insured was acquired by the prospective insured prior to the delivery hereof, the Company assumes no liability except under its policy when issued.

3. The liability of this Company under this Certificate shall not exceed the amount stated in Schedule A hereof and such liability is subject to the insuring provisions, the Exclusions from Coverage and the Conditions and Stipulations of the form of policy or policies shown in Schedule A hereof in favor of the proposed insured which are hereby incorporated by reference and are made a part of this Certificate except as expressly modified herein.

ATTACHMENT B
PREVIOUS ENVIRONMENTAL REPORT

the LA group
Landscape Architecture
and Engineering, P.C.

Phase 1
Environmental Site Assessment

Tax Parcel 23-01-124
Town of Saratoga, New York

Prepared for:

Saratoga National Historic Park
648 Route 32
Stillwater, New York 12170

Prepared by:

The LA Group, PC
40 Long Alley
Saratoga Springs, New York 12866

October 16, 1995

Phase 1
Environmental Site Assessment

Tax Parcel 23-01-124
Town of Saratoga, New York

Prepared for:

Saratoga National Historic Park
648 Route 32
Stillwater, New York 12170

Executive Summary

The purpose of this Phase I Environmental Site Investigation is to determine whether there are any recognized environmental conditions likely to affect the future use and development of a parcel of land in the Town of Saratoga, New York, located on NY Route 4 approximately one eighth mile south of the Village of Schuylerville, New York, identified as tax parcel 23-01-124.

Recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to the public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

This Phase 1 Environmental Site Assessment has revealed potential for recognized environmental conditions in connection with the subject property, and additional testing is recommended.

Phase 1 Environmental Site Assessment

National Park Service

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1.0 Introduction.....1

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Figures

Figure 1.....Site Location

Figure 2.....Parcel Location

Figure 3.....Test Pit Locations

Appendices

Appendix 1.....Site Photographs

Appendix 2.....Aerial Photographs

Appendix 3.....Test Pit Logs

1.0 Introduction

1.1 Purpose

The purpose of this Phase 1 Environmental Site Assessment is to determine whether there are any recognized environmental conditions likely to affect the future use and development of a parcel of land owned by National Park Service in the Town of Saratoga, New York identified as tax parcel 23-01-124.

Recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

This Phase 1 Environmental Site Assessment has revealed potential for recognized environmental conditions in connection with the subject property, and additional testing is recommended.

1.2 Terms and Conditions

This site assessment was performed in accordance with American Society for Testing and Materials Standard E 1527-94, "Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process." No other terms or conditions apply.

1.3 Limitations

This site assessment is based on a review of historical conditions and land uses, interviews with officials and other knowledgeable persons, physical observation, review of aerial photographs, review of historic maps and records and review of environmental files and records. Physical observations were based solely on conditions at the time of the site visit. The findings in this report are based solely on the above investigation procedure. Conditions outside of the standard Phase 1 assessment practice and which are not addressed in this report include the presence of asbestos-containing materials, radon, lead-based paint, lead in drinking water and wetlands.

2.0 Site Description

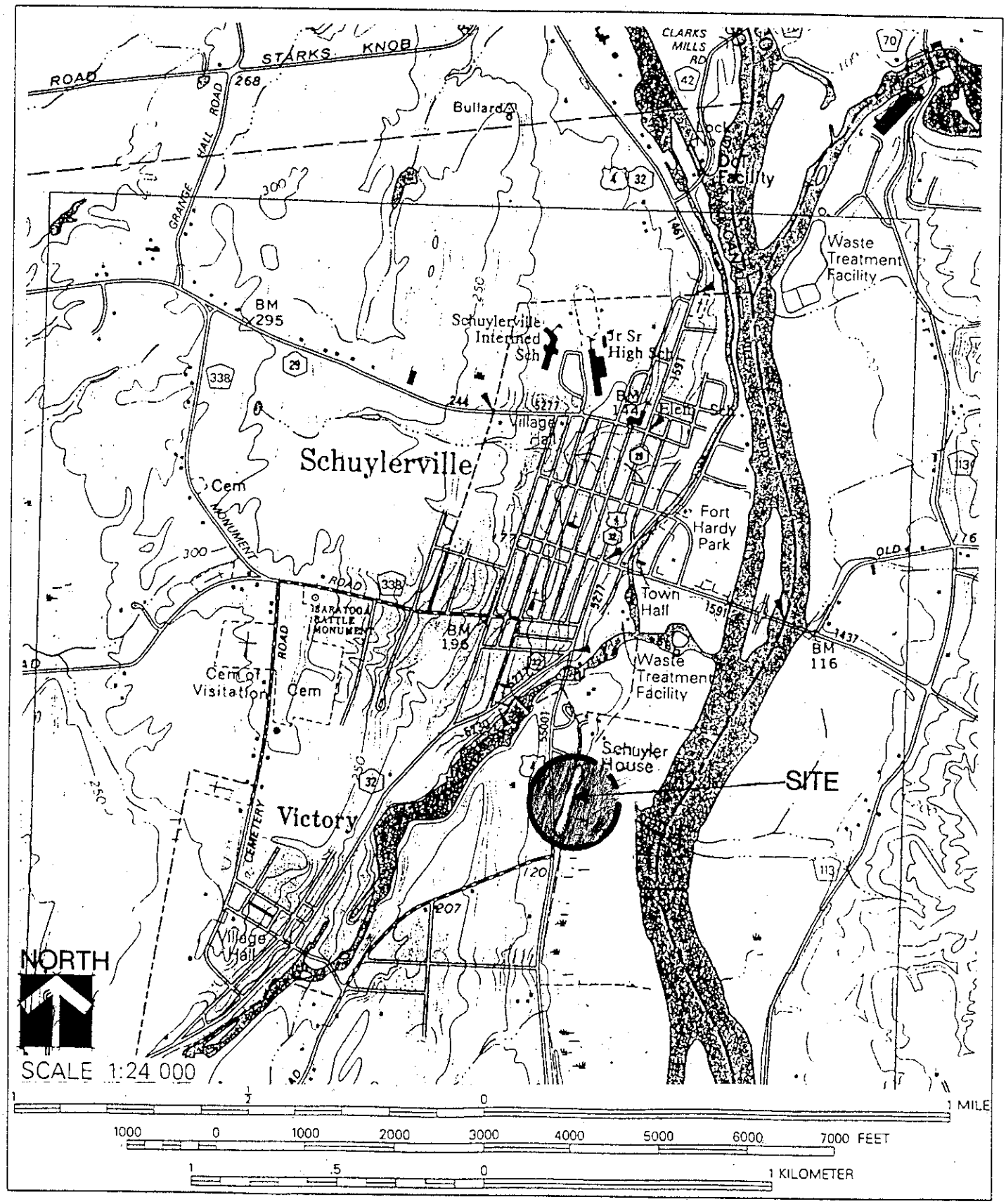
The Subject Property is a 2.8± acre parcel of land identified as tax parcel 23-01-124. The property constitutes an approximately 1,100 foot long section of the former Champlain Canal, and consists of the bed, banks, top, and tow path of the former canal. Currently the property is vacant and consists of mixed vegetative growth, and an assortment of what appears to be old and inert household garbage. The property is located on the east side of NY Route 4, approximately one eighth mile south of the Village of Schuylerville. The Champlain Canal was abandoned in the 1920's and is approximately 100 feet wide, including the banks and the tow path. The Schuyler House and a DOT highway maintenance facility are adjacent to the north side of the property. Both of these facilities are connected to municipal water lines. On the north side of the Schuyler House is the Fish Creek. To the west is NY Route 4, separated from the property by a small grassy meadow. Across NY Route 4 is vacant land. To the south of the Subject Property is a section of the canal which appears to seasonally contain water. To the east is a corn field which has been used as cropland for the past 40 years. Further to the east is the Hudson River. To the east and northeast there is also a section of wetlands. A narrow section of these wetlands separate the canal from the northern portion of the cornfield.

3.0 Site Reconnaissance

On September 20, 1995 a site visit was made by Mr. Stuart F. Mesinger, Ms. Karen M. Patenaude, Ms. Jean Nubeck, and Mr. Chris Martin. Photographs of the site and the surrounding areas are found in Appendix 1.

The subject property consists of 2.8± acres of Champlain Canal land. The canal bed is partially caved in. All parts of the canal are covered by dense vegetative growth, including mature trees. The property has no frontage on NY Route 4.

The Subject Property consists of a basin that was used to hold water for the canal, its banks and towpath. The basin, banks, and towpath are approximately 100' wide and 1,100' long. There are cottonwood trees in the basin approximately 30 years old, as well as dense vegetative growth. The basin contains an abundance of old bottles, rusted metal cans, and other apparently inert garbage which, based on labels, appears to date from approximately the mid 1930's to the mid 1950's. Dumping is concentrated in the canal basin, and there is a sharp distinction between the area where dumping occurred in the canal and the portion of the canal immediately to the south of the Subject Property, where it did not. The main dumping pile is located approximately 70 feet north of the south edge of the property. At

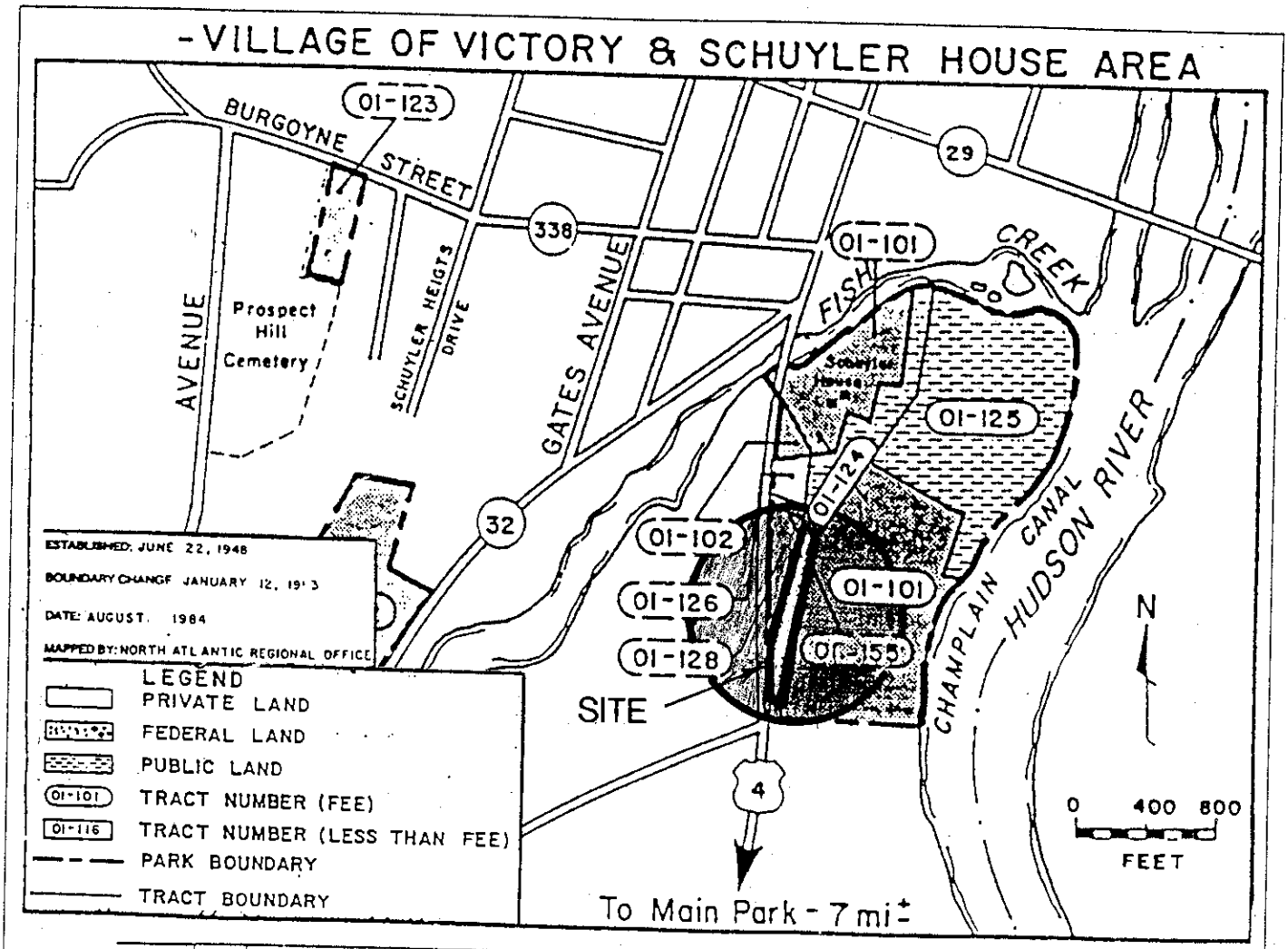


the LA group
Landscape Architecture
and Engineering, P.C.

40 Long Alley
Saratoga Springs
New York 12866
518/587-8100
Telefax 518/587-0180

SITE LOCATION

Figure



DEED	TRACT	OWNER	ACRES	INT
DON D-12	01-101	LOWBER	26.00	FEE
DON D-18	01-102	OLD SARATOGA	1.30	FEE
PUR D-3	01-103	BOGLE	91.75	FEE
PUR D-5	01-104	SMITH	30.00	FEE
PUR D-8	01-105	HUDSON	110.89	FEE
PUR D-6	01-106	WILBUR	6.00	FEE
PUR D-4	01-107	WILBUR	91.44	FEE
DON D-2	01-108	COUNTY OF SARATOGA	11.70	FEE
PUR D-7	01-109	O'CONNOR	90.37	FEE
DON D-20	01-110	COUNYY OF SARATOGA	21.60	FEE
DON D-19	01-111	NIAGARA MOHAWK	5.60	FEE
COM D-14	01-112	PETTINOSS	114.60	FEE
COM D-13	01-113	GILGALLON	94.08	FEE
COM D-17	01-114	SCHOEN	17.50	FEE
DON D-1	01-115	STATE OF NEW YORK	1,427.85	FEE
DON D-21	01-116	TOWN OF STILLWATER	0.00	ROW
DON D-10	01-117	SARATOGA MONUMENT	0.91	FEE
COM D-15	01-118	HOLMES	60.08	FEE
DON D-9	01-119	TOWN OF STILLWATER	0.00	ROW
COM D-11	01-120	JERMAIN	222.14	FEE
COM D-16	01-121	BAKER	6.00	FEE
DON D-22	01-122	GARBER COMPANY INC.	22.70	FEE
DON D-23	01-123	STATE OF NEW YORK	2.82	FEE
	01-124	STATE OF NEW YORK	9.20	FEE
	01-125	STATE OF NEW YORK	22.19	FEE
	01-126	OLD SARATOGA	1.22	FEE
	01-127	Deleted		
PUR D-28	01-128	CHURCH OF THE VISITATION	1.86	FEE
	01-129	SCHOEN	15.00	SCENIC
	01-130	SARATOGA COUNTY	22.44	FEE
	01-131	GRIFFEN, PHILIP & LINDA	156.58	SCENIC
PUR D-24	01-132	NATURE CONSERVANT	147.00	FEE
	01-133	TAYLOR	1.18	SCENIC
	01-134	LANE	.68	SCENIC
	01-135	STATE OF NEW YORK	13.31	FEE
PUR D-26	01-136	PRICE	122.53	FEE
PUR D-29	01-137	KELLEHER	18.00	FEE
	01-138	LAVIGNA	.26	FEE
PUR D-27	01-139	KUSSIUS, ET UX	.75	FEE
PUR D-30	01-140	BUROYL	96.70	FEE
	01-141	DAVIDSON	32.25	FEE
PUR	01-142	BAKER	3.20	FEE
DON D-25	01-143	TOWN OF STILLWATER	.75	FEE
	01-144	GRIFFEN, PHILIP	182.67	SCENIC
	01-145	GRIFFEN, LINDA	56.55	SCENIC
	01-146	STATE OF NEW YORK	8.20	FEE
	01-147	STATE OF NEW YORK	8.20	FEE
	01-148	TOWN OF STILLWATER	0.42	FEE
	01-149	DELETED		
	01-150	STATE OF NEW YORK	7.42	FEE
	01-151	STATE OF NEW YORK	11.52	FEE
	01-152	DAVIDSON	6.49	FEE
	01-153	DELETED		
	01-154	DAVIDSON	0.16	ROW-O
	01-155	TOWN OF SARATOGA	0.38	FEE

the LA group
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PARCEL LOCATION

Figure

no time on the site was there any evidence of petroleum. The debris in the canal basin primarily consisted of house hold waste such as empty cans and bottles. Rusted paint and gasoline cans, and rusted-out 55 gal drums were also found. At survey marker 359 there is a spillover into adjacent Park Service lands to the east. The debris is mostly contained in the bed of the canal with the exception of this spillover point.

The wastes observed on the site include automotive fluid containers (motor oil, lubricants, anti-freeze, gasoline cans), tires and small automotive parts, white goods, medicines, household pesticides and aerosol spray cans, paint containers, and abundant glass bottles. Some construction and demolition debris, consisting of brick, ceramic pipe, and brush was also observed.

There are exposed salt/sand piles on the DOT property directly adjacent to the north. It appears that at least a portion of the DOT facility is located on fill. There are no uses on other immediately adjacent properties.

There are no roads on the property; there was no evidence of hazardous substances, above or below ground storage tanks, spills, odors, pools of liquid, or PCB's. There was evidence of small petroleum product containers being dumped, stained ground, drums, or other types of metal containers. Adjoining uses were as described in Section 2.0 above.

3.1 Soils and Hydrology

Three shallow test pits were hand-excavated to a maximum depth of two feet to examine the site soils. The approximate locations of the test pits are shown on Figure Three. Test Pit No. One (TP-1) was located approximately 61 feet from the south edge of the property, and at the base of a slope where waste has been deposited. The soils at this location consist of one foot of silty fill material containing wood glass, and coal, underlain by at least one foot of gray silt. Groundwater was not encountered in TP-1.

Test Pit Two (TP-2) was located near marker No. 359 and was excavated 0.5 feet deep to examine the surficial soils adjacent to the corn fields. The soil in TP-2 consists of brown silt and clay with abundant roots.

Test Pit Three (TP-3) was excavated on the east side of the canal, at the base of a slope of debris. The soil in TP-3 is similar to TP-2 and consists of brown silt containing some fine sand and clay, and roots. The test pit logs for TP-1 and TP-3 are contained in Appendix Three.

No odors or stains were observed in any of the test pit soils. Groundwater was not encountered to a depth of two feet. Orange, mottling, indicating, oxidation, was noted in the soils and likely indicates seasonal high ground water level.

Soil samples were collected for analysis of organic vapors from TP-1 and TP-3. The samples were allowed to warm, and the head space of the samples was screened using a photoionization detector. The results indicate that no organic vapors were measured in the samples above instrument background levels. A copy of the headspace log is included in Appendix Three.

The site is linear in shape, and is situated on the west side of the Hudson River floodplain. The site is bounded to the east by wetlands and cornfields. The area of the former canal immediately south of the site, and beyond the dumping area is underlain by black, saturated organic soils and peat. An approximately 100 feet high, northeast-southwest trending ridge separates the site from Fish Creek, which drains northeast and eventually east into the Hudson River. Based on site topography and surface water drainage patterns, local shallow ground water from the dump site is expected to flow east, towards the Hudson River.

4.0 Record Review

4.1 USEPA CERLIS

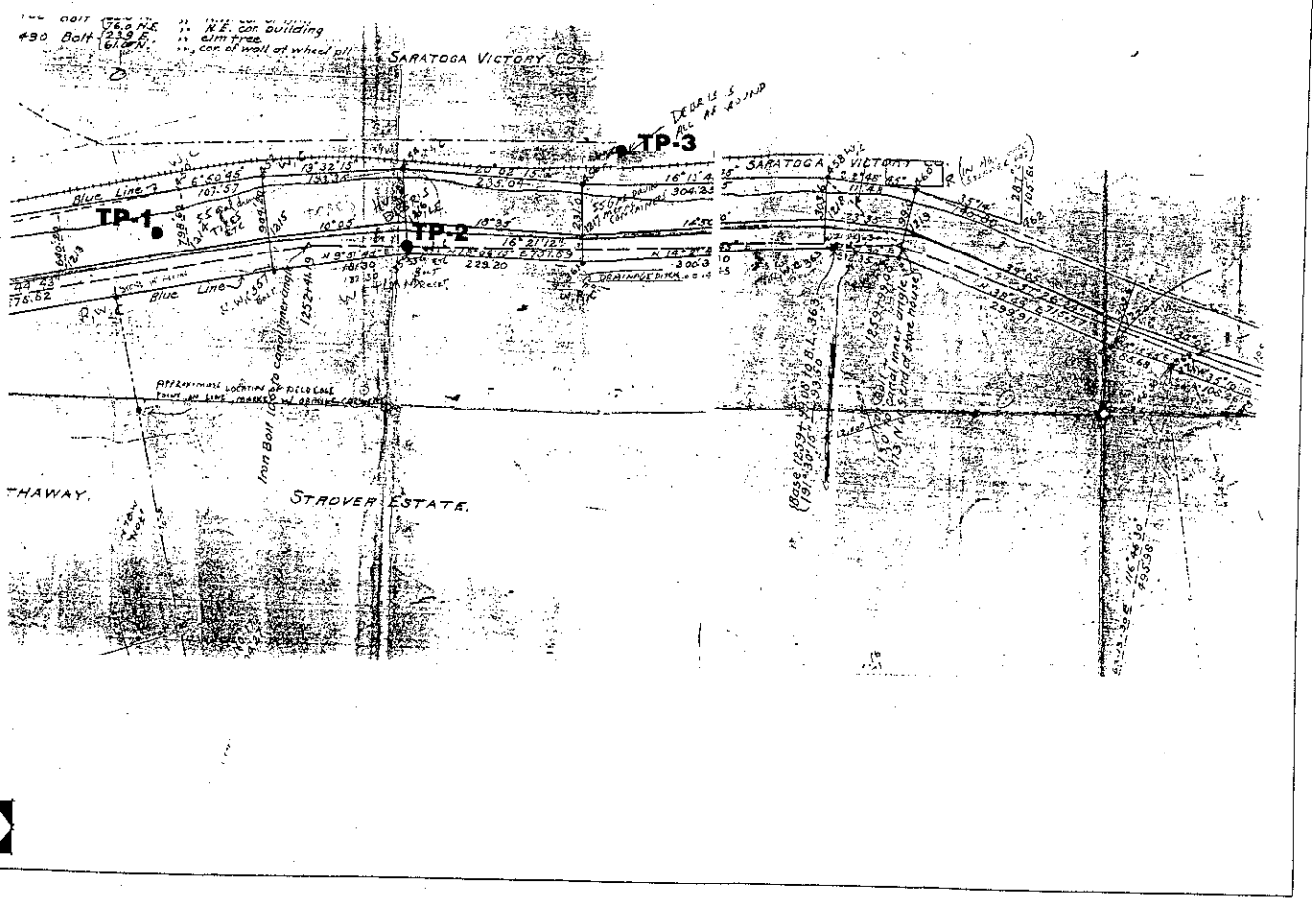
CERLIS is an inventory of all abandoned, inactive, or controlled hazardous waste sites known or reported to the EPA. The Subject Property is not listed as a CERLIS site. There are no nearby areas listed as CERLIS sites

4.2 USEPA National Priorities List

The National Priorities List (NPL) is a ranking of hazardous waste sites considered by the EPA to be especially toxic and that have been prioritized for clean-up. The Subject Property is not a NPL site, nor are there any in the immediate vicinity.

4.3 RCRA TSD Facilities List

The Subject Property is not listed as a facility which treats, stores, or disposes of hazardous waste, as defined and regulated by the Resources Conservation and Recovery Act (RCRA), nor are there any such facilities in the immediate vicinity.



the LA group
Landscape Architecture
and Engineering, PC
40 Long Alley
Saratoga Springs
New York 12866
518/587-8100
Telefax 518/587-0100

Sheet Title

TEST PIT LOCATION

Figure

4.4 RCRA Generator List

The Subject Property is not listed as a facility which generates hazardous wastes as defined by the Resource Conservation and Recovery Act (RCRA). The nearest such site is the DOT facility located adjacent an to the north of the Subject Property.

4.5 DEC Inactive Hazardous Waste Disposal Registry

The Subject Property is not listed as an inactive waste site by the DEC, nor are there any such sites in the vicinity of the subject property.

4.6 Landfill/Solid Waste Disposal Sites

The Subject Property is not a landfill or solid waste disposal site according to the DEC. A Freedom of Information Act letter requesting information was sent to the DEC on September 18, 1995. At the time of preparation of this report no response had been received. A follow-up letter will be sent within three (3) working days of receipt of a response.

According to Jean Nolan, Village of Victory Town Clerk, the Subject Property was used as an informal, unofficial dumping spot from the 1930's to the 1960's. During that time Route 4 was located adjacent to the west bank of the canal; motorists could drive to the edge of the canal and dispose of debris. Additional information about dumping on the property is located in section 6.2.

4.7 Registered/Leaking Underground Storage Tanks Lists

A Freedom of Information Act letter requesting this information was sent to the DEC on September 18, 1995. At the time of preparation of this report no response had been received. A follow-up letter will be sent within three (3) working days of receipt of a response.

4.8 Spill Records

A Freedom of Information Act letter requesting this information was sent to the DEC on September 18, 1995. A response was received on October 6, 1995. DEC records noted a sheen was noted on the water in the canal north of Fish Creek on Canal Street in Schuylerville on September 28, 1990. On October 15, 1990 follow-up checks were made revealing no reoccurrence of the problem. This incident is not likely to be related to the

subject property because it occurred in a location which is physically separated from the subject property.

4.9 Saratoga County Health Department

A Freedom of Information Act letter requesting this information was sent to the Health Department on September 18, 1995. At the time of preparation of this report no response had been received. A follow-up letter will be sent within three (3) working days of receipt of a response.

4.10 Saratoga County Planning and Environmental Department

The Saratoga County Planning and Environmental Department had no records of any kind concerning environmental contamination or problems on or around the Subject Property. George Hodgson, Director of Environmental Services, was aware of no problems.

4.11 Town of Saratoga, Town Records

According to Jean Casey, Town Clerk, the town has no records concerning the Subject Property.

5.0 Historical Review

5.1 Aerial Photographs

Aerial Photographs dated 1948, 1960, 1968, 1982, and 1990 obtained from the Saratoga County Soil Conservation Service were reviewed. A copy of the photographs are included in Appendix 2. The 1948 photograph shows the old Route 4 road alignment with some clearing and debris on the east side of Route 4. Sections of the canal bordering Route 4 are evident in this 1948 photo. Along the old road alignment is the section of the canal, including the Subject Property, where dumping took place. There are no buildings surrounding the property other than the Schuyler House. The surrounding properties consist of field, wetland, and woodlot. There are black areas which suggest standing water in the canal and a large clearing directly north of the Subject Property in both the 1948 and the 1960 photographs. The 1960 aerial photograph shows the old Route 4 alignment and the new Route 4. There is evidence of dumping along the old Route 4. There are two new buildings evident north of the subject property. The 1968 aerial photograph shows the area where dumping was evident now covered with vegetation. Smaller fields, and more

woodland are the only changes in the vicinity of the Subject Property from 1968 to 1990.

5.2 Historic Topographic Maps

Topographic maps dated 1967, 1982, and 1991 were obtained. The maps showed the canal structure and the Schuyler House; nothing else of significance was shown on the maps.

6.0 Interviews

6.1 Town of Saratoga, Town Clerk

Jean Casey, in a telephone conversation on September 12, 1995, stated she had no records concerning the property, nor any records concerning the dumping that took place there. She was aware, from growing up in the area, of the canal often being used for dumping.

6.2 Village of Victory, Town Clerk

Jean Nolan, Town Clerk, in a phone conversation on September 13, 1995, stated that the canal had been used for dumping by local residents. She could remember dumping taking place in the late 1930's. The only businesses in the area that might have been dumping in the canal were Bullards Orchard and Victory Specialty Box Cardboard. She remembered Bullards dumping tomatoes and apples there. In a follow-up conversation, when asked about the abundance of gasoline and paint cans in the canal, she stated there weren't any big service stations, and that the canal was just used primarily for household garbage.

6.3 Additional Contacts

Chris Martin, National Park Service Ranger, stated in going through the ranger logs there was a note concerning illegal dumping in 1960 and that an agreement had been made with the Village of Victory to stop it.

7.0 Conclusion and Recommendation

Based on the foregoing, we conclude that the subject property has been used as an informal local dump from approximately 1930 to 1960. This has resulted in the potential for

environmental contamination. Due to the potential for contamination of the site soils, it is recommended that selected soil samples be collected for chemical analysis. This recommendation is based on visual observations of potential petroleum waste, construction and metal debris, and knowledge that commercial waste may have been dumped on site. Appropriate soil sample locations include areas hydraulically downgradient and immediately east of the dump site. These areas include the east base of the debris slope, and soils within and below the debris areas. soil testing methods should include metals analysis, semi-volatile compounds (EPA Method 8270), and volatile organic compounds (EPA Method 8240), in accordance with toxicity Characteristic Leaching Procedure (TCLP). The TCLP analysis will indicate whether the former dumping practices have affected soil quality, and whether characteristically hazardous soil exists at the site. No ground water or surface water testing is recommended at this time.

Opinion

We have performed a Phase 1 Environmental Site Assessment in conformance with the scope and limitations of ASTM practice 1527 of tract number 23-01-124 in the Town of Saratoga. Exceptions to this practice are the receipt of files and records from the New York State Department of Environmental Conservation and the Saratoga County Health Department. This assessment has revealed the potential for environmental contamination and further testing is suggested.

Stuart F. Mesinger

10/16/95

Date

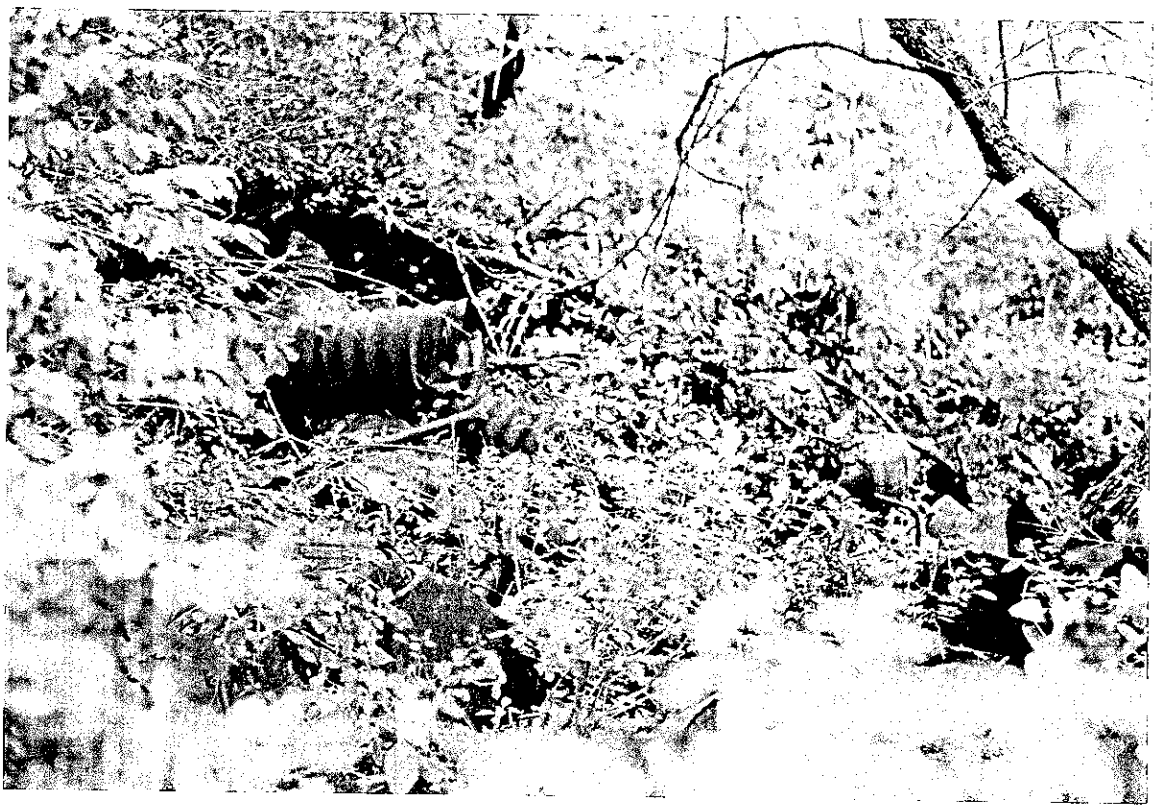
Appendix One

Site Photographs

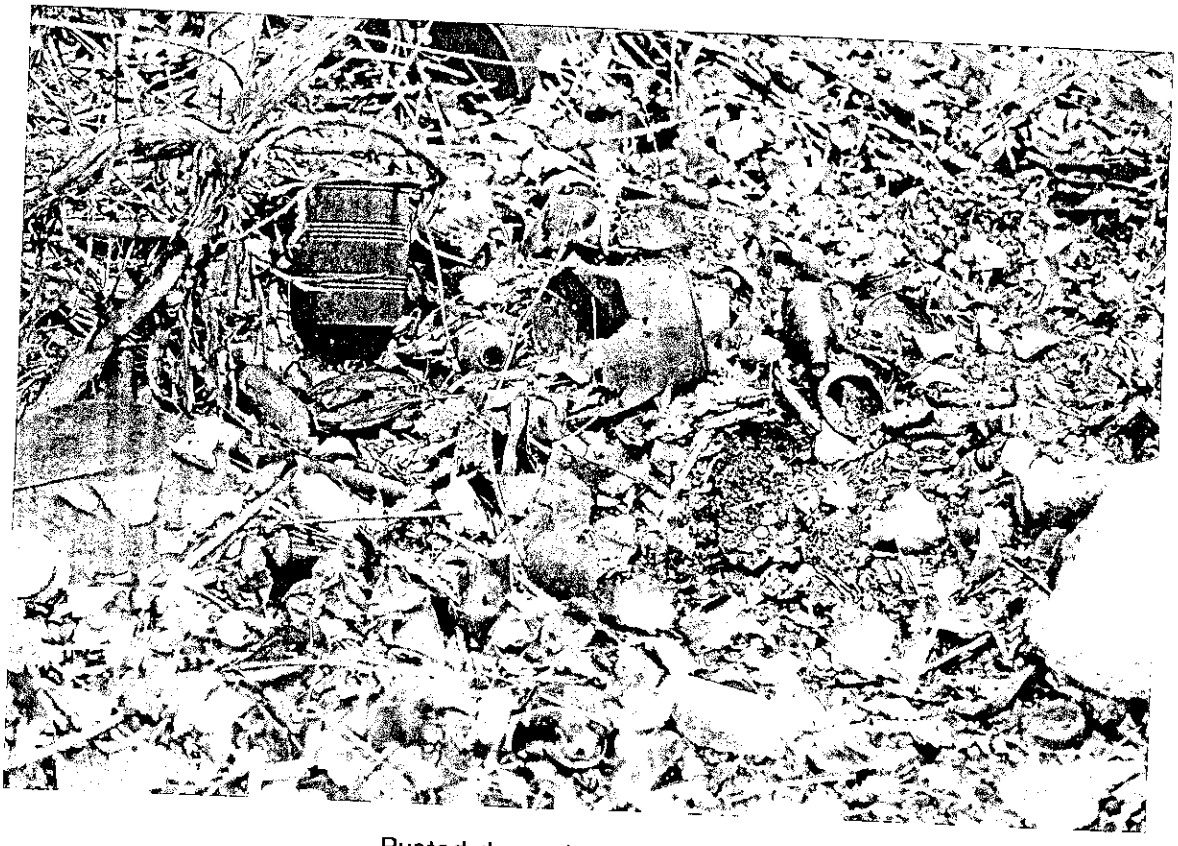
Debris located in canal



Trash pile located in canal



Bottles and debris located in canal



Rusted drums located in canal





Area south of Subject Property where there is no dumping



Test Pit No. One

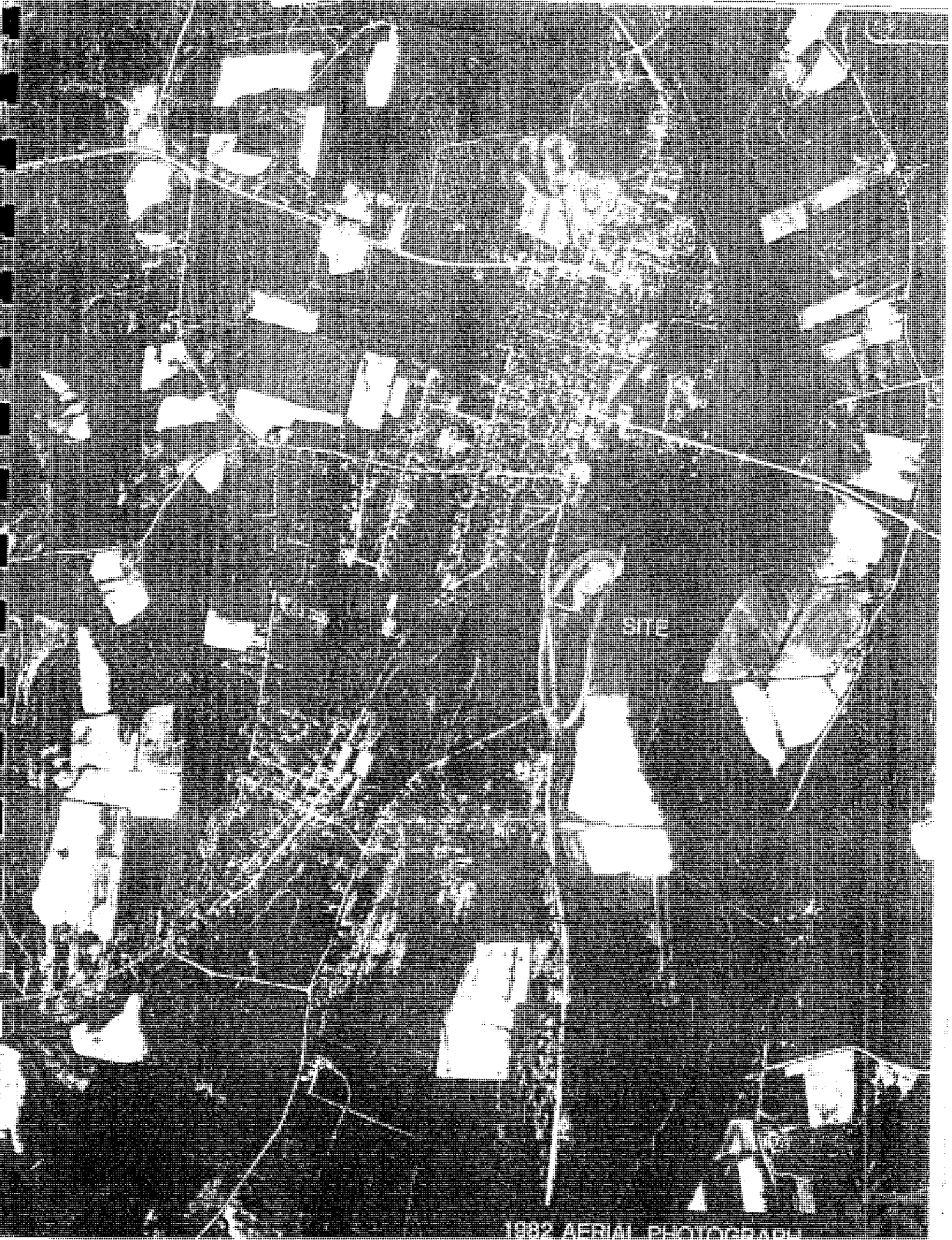
Appendix Two

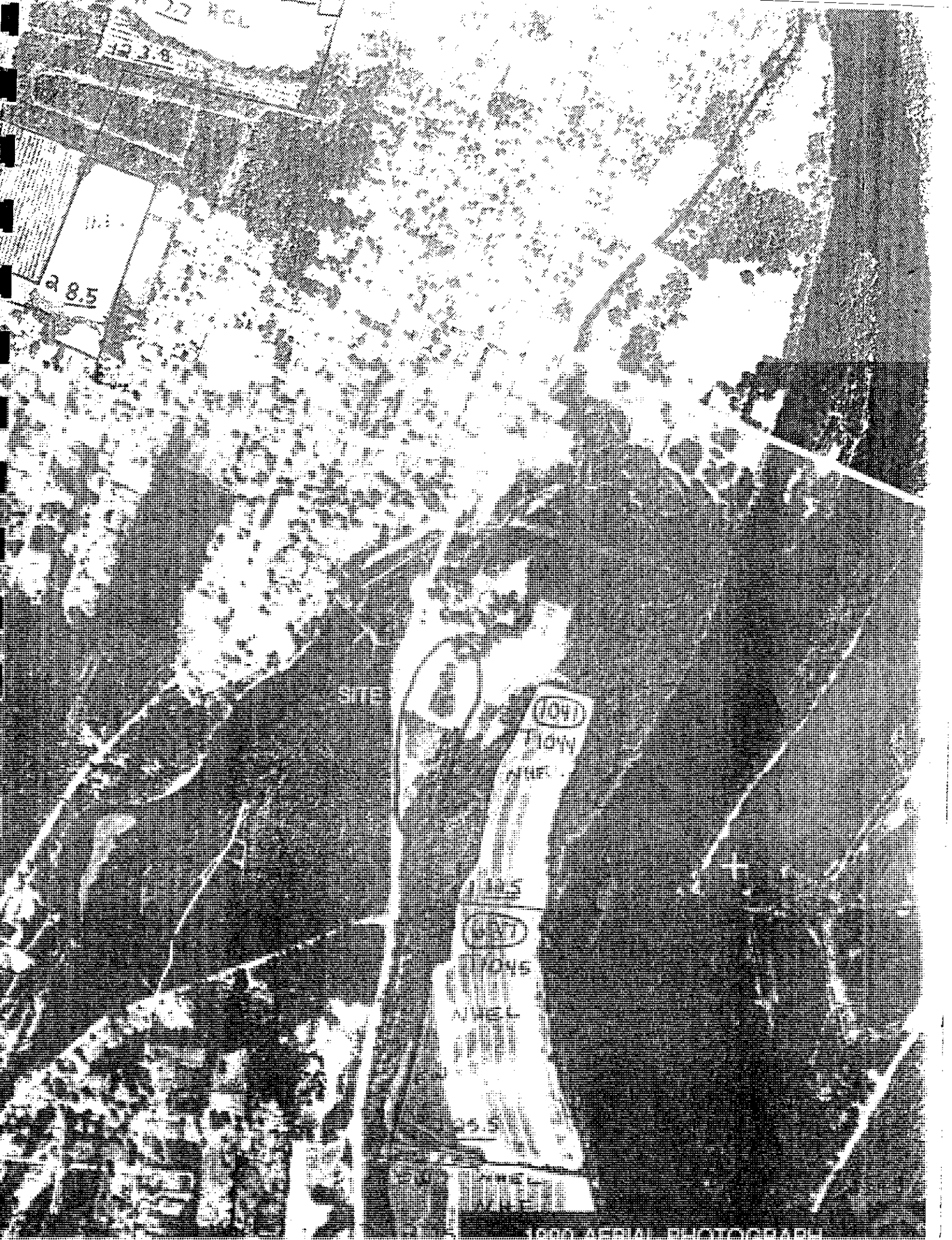
Aerial Photographs


SITE
1948 AERIAL PHOTOGRAPH

SITE

SITE


site
1982 AERIAL PHOTOGRAPH


1966 AERIAL PHOTOGRAPH

Appendix Three

Test Pit Logs

TEST PIT LOG

Alpha Geoscience
197B Schoolhouse Road
Albany, New York 12203

ALPHA GEOSCIENCE

Test Pit No. TP-1
Job No. 95127
Location: 61' from south end marker

DATE/TIME STARTED: 9/20/95
DATE/TIME COMPLETED: 9/20/95
PROJECT: Schuylerville Phase I
SURFACE ELEVATION: Not available
DATUM: ground surface
WATER ELEVATION: not encountered

SITE: NPS Route 4, tax parcel 01-124
CONTRACTOR: N/A
EQUIPMENT: shovel/hand trowel
INSPECTOR: JM Neubeck

DEPTH	DENS.	MOIST.	DESCRIPTION OF SOIL	REMARKS
1		moist	0 - 1' fill: sandy Silt, brown to orange-brown mottled color, fragments of wood, glass, coal (lignite)	
2		moist	1 - 2' gray to dark gray Silt, some fine Sand; decayed wood, some orange coloring (oxide). No water encountered	
			Total Depth = 2 feet Samples collected for head space: TP-1, S-1 (0-1') TP-1, S-2 (1-2')	

TEST PIT LOG

Alpha Geoscience
197B Schoolhouse Road
Albany, New York 12203

ALPHA GEOSCIENCE

Test Pit No. TP-3
Job No. 95127
Location: base of slope, east side of canal

DATE/TIME STARTED: 9/20/95
DATE/TIME COMPLETED: 9/20/95
PROJECT: Schuylerville Phase I
SURFACE ELEVATION: Not available
DATUM: ground surface
WATER ELEVATION: not encountered

SITE: NPS Route 4, tax parcel 01-124
CONTRACTOR: N/A
EQUIPMENT: shovel/hand trowel
INSPECTOR: JM Neubeck

DEPTH	DENS.	MOIST.	DESCRIPTION OF SOIL	REMARKS
1		moist	Medium brown Silt, some to trace fine Sand and Clay, abundant roots to one foot depth. Orange, mottled coloring, no water encountered	
			Total Depth = 1.3 feet Samples collected for head space: TP-3, S-1 (0-1')	

ALPHA GEOSCIENCE
197B Schoolhouse Road
Albany, New York 12203

ORGANIC VAPOR SCREENING LOG

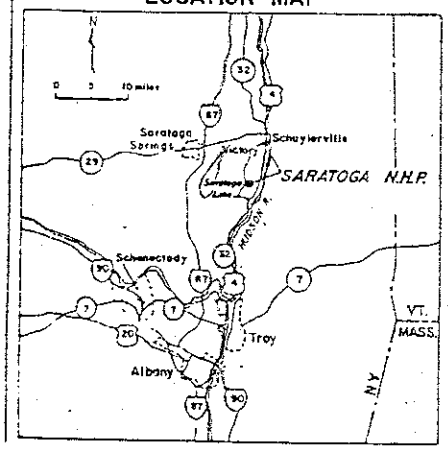
PROJECT: Schuylerville Canal
CLIENT: LA Group/Parks Service
LOCATION: former Champlain Canal
INSTRUMENT USED: HNU DL-101 LAMP: 10.2 eV
DATE INSTRUMENT CALIBRATED: 9/17/95 BY: JMN
TEMPERATURE OF SOIL: allowed to warm to 70°F

DATE COLLECTED: 9/20/95
DATE ANALYZED: 9/21/95
ANALYST: JM Neubeck

Location ID	Sample Number	Depth (ft)	Sample Type	Sample Reading (ppm)	Background Reading (ppm)	Remarks
TP-1	S-1	0 - 1	comp.	0.3	0.3	brown sandy silt
TP-1	S-2	1 - 2	comp.	0.4	0.3	gray silt
TP-3	S-1	0 - 1	comp.	0.2	0.2	brown silt
WG	S-1	0 - 1	grab	0.2	0.2	grab sample of waste area

Cem of Visitation
Cem
BM 196
Waste Treatment Facility
SITE 3
Schuyler House
SITE #2
Victory
CEMETERY ROAD
32
120
207
SITE #1
(IN OLD CANAL BED)
Village Hall
ROAD
ABANDONED
CANAL
HAAS
Hathaway
SCALE 1:24 000
1000 0 1000 2000 3000 4000

LOCATION MAP



10-12-68	C.O. No. SARA-10		UPDATE STATUS
4-[illegible]-76	C.O. No. NARO 9		
5-[illegible]-87	C.O. No. NARO 8		
5-[illegible]-66	C. Yo. NARO 6		
5-[illegible]-85	C. No. NARO 4		
1-[illegible]-85	C.O. No. NARO 3		
[illegible]-84	C.O. No. NARO 2		
8-[illegible]-84	C.O. No. NARO 1		
10-26-82	C.O. No. WASO 83-5		
5-[illegible]-81	C.O. No. WASO 81-70		
DATE	REVISIONS	DATE	REVISIONS

ESTABLISHED: JUNE 22, 1948

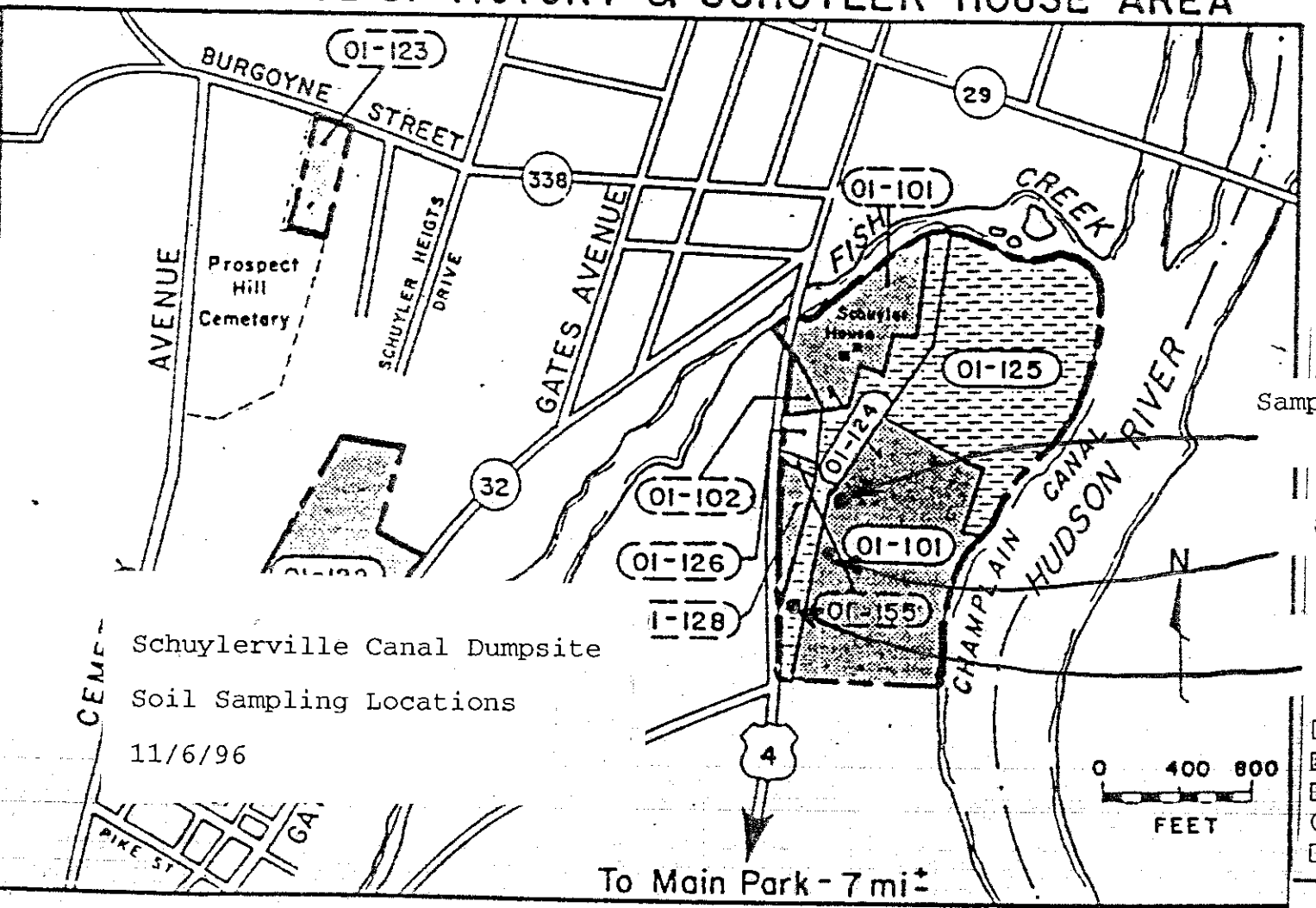
BOUNDARY CHANGE: JANUARY 12, 19[illegible]3

DATE: AUGUST 1984

MAPPED BY: NORTH ATLANTIC REGIONAL OFFICE

DEED	TRACT	OWNER	ACRES	INT.
DON D-12	01-101	LOWBER	26.00	FEE
DON D-18	01-102	OLD SARATOGA	1.30	FEE
PUR D-3	01-103	BOGLE	91.73	FEE
PUR D-5	01-104	SMITH	30.00	FEE
PUR D-8	01-105	HUDSON	110.89	FEE
PUR D-6	01-106	WILBUR	6.00	FEE
PUR D-4	01-107	WILBUR	91.44	FEE
DON D-2	01-108	COUNTY OF SARATOGA	11.70	FEE
PUR D-7	01-109	O'CONNOR	90.37	FEE
DON D-20	01-110	COUNTY OF SARATOGA	21.60	FEE
DON D-19	01-111	NIAGARA MOHAWK	5.60	FEE
COM D-14	01-112	PETTINOSS	114.60	FEE
COM D-13	01-113	GILGALLON	94.08	FEE
COM D-17	01-114	SCHOEN	17.30	FEE
DON D-1	01-115	STATE OF NEW YORK	1,427.85	FEE
DON D-21	01-116	TOWN OF STILLWATER	0.00	ROW
DON D-10	01-117	SARATOGA MONUMENT	0.91	FEE
COM D-15	01-118	HOLMES	60.08	FEE
DON D-9	01-119	TOWN OF STILLWATER	0.00	ROW
COM D-11	01-120	JERMAIN	222.14	FEE
COM D-16	01-121	BAKER	6.00	FEE
DON D-22	01-122	GARBER COMPANY INC.	22.70	FEE
DON D-23	01-123	STATE OF NEW YORK	2.62	FEE
	01-124	STATE OF NEW YORK	9.20	FEE
	01-125	STATE OF NEW YORK	22.19	FEE
	01-126	OLD SARATOGA	1.22	FEE
	01-127	Deleted		
PUR D-28	01-128	CHURCH OF THE VISITATION	1.86	FEE
	01-129	SCHOEN	15.00	SCENIC
	01-130	SARATOGA COUNTY	22.44	FEE
	01-131	GRIFFEN, PHILIP & LINDA	156.58	SCENIC
PUR D-24	01-132	NATURE CONSERVANY	147.00	FEE
	01-133	TAYLOR	1.18	SCENIC
	01-134	LANE	.68	SCENIC
	01-135	STATE OF NEW YORK	13.31	FEE
PUR D-26	01-136	PRICE	122.53	FEE
PUR D-29	01-137	KELLEHER	18.00	FEE
	01-138	LAVIGNA	.26	FEE
		[illegible] ST UX	.75	FEE
			96.76	FEE
			32.25	FEE
			3.20	FEE
		STILLWATER	.75	FEE
	01-144	GRIFFEN, PHILIP	182.67	SCENIC
	01-145	GRIFFEN, LINDA	56.55	SCENIC
		[illegible] DRK	8.20	FEE
		[illegible] DRK	8.20	FEE
		[illegible] ATER	0.42	FEE
	01-149	DELETED		
	01-150	STATE OF NEW YORK	7.42	FEE
	01-151	STATE OF NEW YORK	11.52	FEE
	01-152	DAVIDSON	6.49	FEE
			0.16	ROW-O
			0.38	FEE

INSET - VILLAGE OF VICTORY & SCHUYLER HOUSE AREA



Sample Site #3

Sample Site #2

Sample Site #1

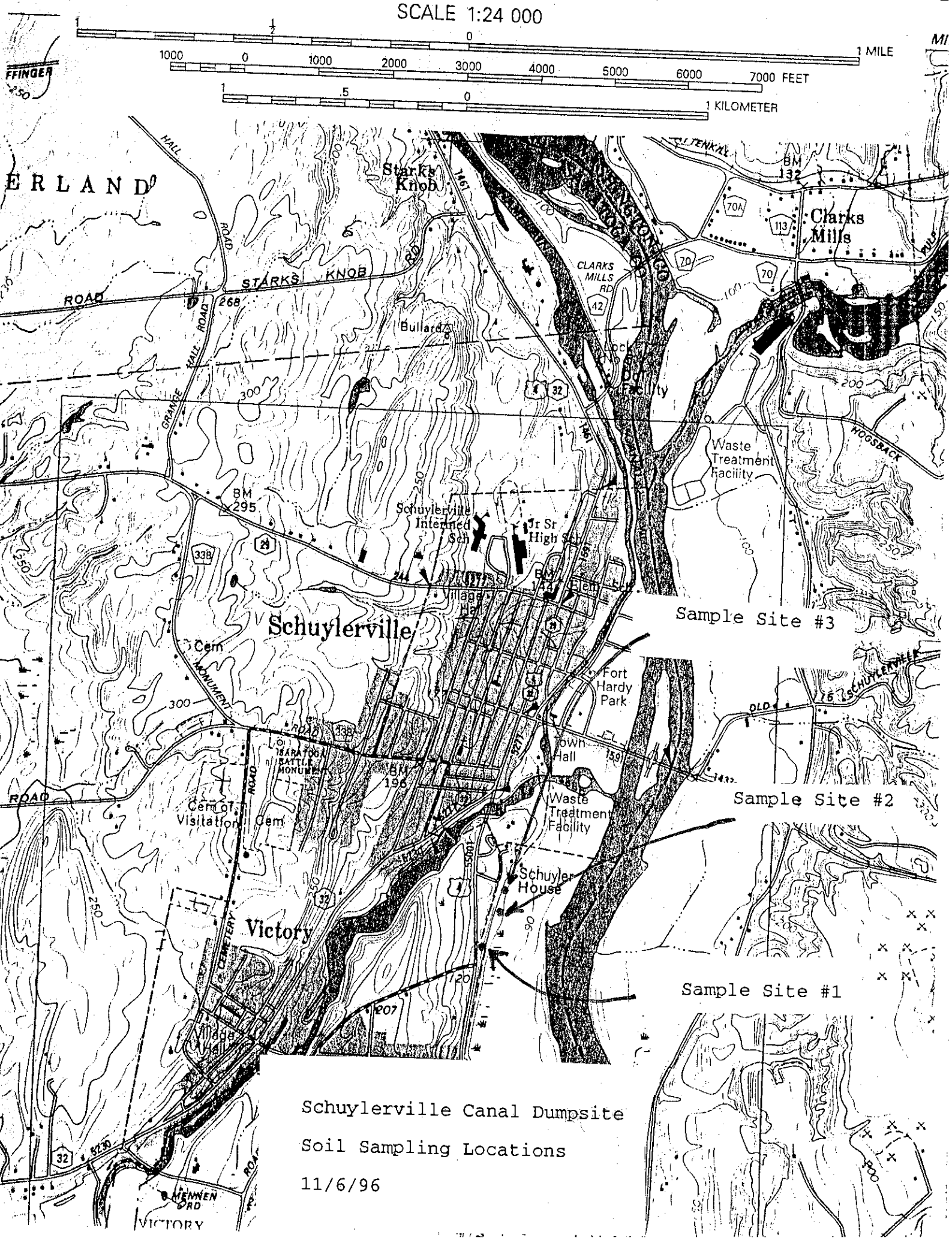
Schuylerville Canal Dumpsite

Soil Sampling Locations

11/6/96

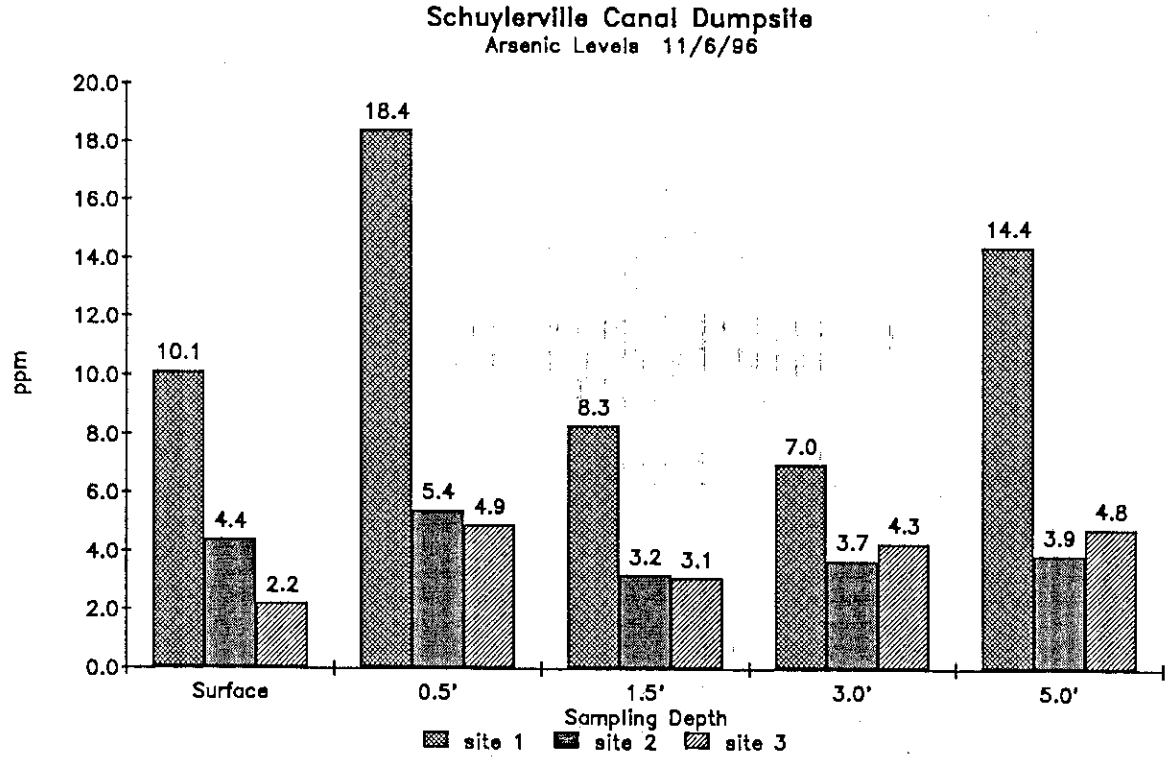
LEGEND

- PRIVATE LAND
- FEDERAL LAND
- PUBLIC LAND
- 01-101 TRACT NUMBER (FEE)
- 01-116 TRACT NUMBER (LESS THAN FEE)
- PARK BOUNDARY


SCALE 1:24 000
1 MILE
7000 FEET
1 KILOMETER
Starks Knob
Clarks Mills
CLARKS MILLS RD.
STARKS KNOB ROAD
HALL ROAD
GRANGE HALL ROAD
Bullard
Waste Treatment Facility
HOGSBACK
BM 295
Schuylerville Intermed Sch
Jr Sr High Sch
Village Hall
Schuylerville
Sample Site #3
Fort Hardy Park
Town Hall
OLD SCHUYLERVILLE
Sample Site #2
Cem of Visitation
Cem
SARATOGA BATTLE MONUMENT
BM 196
Waste Treatment Facility
Schuyler House
Victory
CEMETERY ROAD
Sample Site #1
MENNEN RD
VICTORY
Schuylerville Canal Dumpsite
Soil Sampling Locations
11/6/96

Summarization of Soil Sampling
Schuylerville Canal Dumpsite
11/6/96

Testing performed by CT Male
CTM Project Number: 9939628



Other Detected Parameters (ppm):

	Site 1	Site 2	Site 3
Surface	Mercury 0.12	-	-
0.5'	Mercury 0.16 Trichloroethene 7* Touluene 7*	-	-
1.5'	Mercury 0.28 Fluoranthene 260*	-	Methylene Chloride 7*
3.0'	Mercury 0.12 Acetone 27*	-	-
5.0'	-	Acetone 38*	-

* measured in ppb - parts per billion

NOTE: This summary is intended to display numerical values only. This <u>NOT</u> intended to be a stand alone document.

CTM Analytical Laboratories, Ltd.

15 Century Hill Drive
P.O. Box 727
Latham, NY 12110
518-786-7100
FAX 518-786-7139

GC/MS
GC
ICAP
Sampling Services

Laboratory Analysis Report
Prepared for: SARATOGA NATIONAL HISTORIC PK.
CTM Project Number: 9939628
CTM Task Number: 961104L
21 NOV 1996

IMPORTANT - PLEASE NOTE

1. All results are calculated on a dry weight basis unless otherwise specified.
2. PQL = Practical Quantitation Limit.
3. A result with a "D" means that the result was "Detected" below the Practical Quantitation Limit (PQL), but above the Method Detection Limit (MDL).
4. ND = Not Detected at or above the PQL.
5. NTP = Non-target peaks (1-5 peaks).
   MNTP = Many non-target peaks (5+ peaks).
6. pH results not performed in the field should be considered estimated since the holding time is 15 minutes from the sampling time.
7. If the samples are collected independently of our laboratory, CTM is not responsible for the possible contamination during the sampling procedure.
8. Methylene chloride and acetone are common laboratory artifacts for volatile organic analysis. Bis-(2-ethyl-hexyl) phthalate and di-n-butylphthalate are common laboratory artifacts for GC/MS semivolatile analysis. Other compounds may also appear as laboratory artifacts for the organic analyses. The above compounds will be flagged as suspected laboratory artifacts if the detected value is less than five (5) times of the PQL in the sample. Acetone will be flagged as a suspected laboratory artifact only up to two and a half (2.5) times of the PQL.
9. If air samples are collected independently of our laboratory, CTM is not responsible for inadequate sample volume for air analysis.

SARATOGA NATIONAL
HISTORICAL PARK
NOV 2 2 1996
RECEIVED

AUTHORIZED FOR RELEASE: Christopher Hess DATE: 11/21/96

CERTIFICATIONS:
NYS E.L.A.P. ID NO: 10358 MA: NY052 CT: PH-0551 NJ: 73581

CTM Analytical Laboratories, Ltd.

15 Century Hill Drive
P.O. Box 727
Latham, NY 12110
518-786-7100
FAX 518-786-7139

GC/MS
GC
ICAP
Sampling Services

SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 12:00
Sampled By : KIBURZ
Sample Id: SITE #1, SURFACE
Location : SARATOGA HIST.PARK:CANAL DUMP

CTM Sample No: 961104L 01
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
% SOLIDS	CLP SOW 4/89	82.3		%	ACM 11/4/96
VOLATILES, SW-846 8240		COMPLETED			GCMSCD133 11/6/96
CHLOROMETHANE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96
VINYL CHLORIDE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96
BROMOMETHANE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96
CHLOROETHANE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
METHYLENE CHLORIDE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
TRANS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
CHLOROFORM	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
BENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
TRICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
TOLUENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
CHLOROBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
ETHYLBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
BROMOFORM	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
STYRENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
ACETONE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96
CARBON DISULFIDE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
VINYL ACETATE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96

(CONTINUES ON NEXT PAGE)

REMARKS:

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

Attention: MR. CHRIS MARTIN

CTM Task #: 961104L

Purchase Order Number:
Date Sampled: 10/31/96 Time: 12:00
Sampled By : KIBURZ
Sample Id: SITE #1, SURFACE
Location : SARATOGA HIST.PARK:CANAL DUMP

CTM Sample No: 961104L 01
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
2-HEXANONE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96
M-XYLENE & P-XYLENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
O-XYLENES	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
CIS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSCD133 11/6/96
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	200	MCG/KG	GCMSB:48 11/8/96
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	200	MCG/KG	GCMSB:48 11/8/96
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	200	MCG/KG	GCMSB:48 11/8/96
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	200	MCG/KG	GCMSB:48 11/8/96
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	200	MCG/KG	GCMSB:48 11/8/96
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	200	MCG/KG	GCMSB:48 11/8/96
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	200	MCG/KG	GCMSB:48 11/8/96
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	200	MCG/KG	GCMSB:48 11/8/96
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	200	MCG/KG	GCMSB:48 11/8/96
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	200	MCG/KG	GCMSB:48 11/8/96
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	200	MCG/KG	GCMSB:48 11/8/96
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	200	MCG/KG	GCMSB:48 11/8/96
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	200	MCG/KG	GCMSB:48 11/8/96
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	200	MCG/KG	GCMSB:48 11/8/96
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	200	MCG/KG	GCMSB:48 11/8/96
B/N EXTRACTION	SW-846 METHOD 3500A	COMPLETED			MC 11/6/96
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-21:116 11/7/96
ARSENIC	ICP, SW-846 METHOD 6010	10.1	1.1	MG/KG	F-5:56 11/8/96
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-21:113 11/5/96
MERCURY	SW-846 METHOD 7471	0.12	0.056	MG/KG	E-4:133 11/5/96

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 12:02
Sampled By : KIBURZ
Sample Id: SITE #1, 0.5 FT.
Location : SARATOGA HIST.PARK,CANAL DUMP

CTM Sample No: 961104L 02
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
% SOLIDS	CLP SOW 4/89	79.9		%	ACM 11/4/96
VOLATILES, SW-846 8240		COMPLETED			GCMSCD133 11/6/96
CHLOROMETHANE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96
VINYL CHLORIDE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96
BROMOMETHANE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96
CHLOROETHANE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
METHYLENE CHLORIDE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
TRANS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
CHLOROFORM	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
BENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
TRICHLOROETHENE	SW-846 METHOD 8240	7	6	MCG/KG	GCMSCD133 11/6/96
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
TOLUENE	SW-846 METHOD 8240	7	6	MCG/KG	GCMSCD133 11/6/96
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
CHLOROBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
ETHYLBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
BROMOFORM	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
STYRENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
ACETONE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96
CARBON DISULFIDE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
VINYL ACETATE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 12:02
Sampled By : KIBURZ
Sample Id: SITE #1, 0.5 FT.
Location : SARATOGA HIST.PARK,CANAL DUMP

CTM Sample No: 961104L 02
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
(CONTINUED FROM PREVIOUS PAGE)					
2-HEXANONE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96
M-XYLENE & P-XYLENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
O-XYLENES	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
CIS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	12	MCG/KG	GCMSCD133 11/6/96
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSCD133 11/6/96
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
B/N EXTRACTION	SW-846 METHOD 3500A	COMPLETED			MC 11/6/96
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-21:116 11/7/96
ARSENIC	ICP, SW-846 METHOD 6010	18.4	1.0	MG/KG	F-5:56 11/8/96
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-21:113 11/5/96
MERCURY	SW-846 METHOD 7471	0.16	0.091	MG/KG	E-4:133 11/5/96

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 12:10
Sampled By : KIBURZ
Sample Id: SITE #1, 1.5 FT.
Location : SARATOGA HIST.PARK,CANAL DUMP

CTM Sample No: 961104L 03
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
% SOLIDS	CLP SOW 4/89	67.0		%	ACM 11/4/96
VOLATILES, SW-846 8240		COMPLETED			GCMSCD133 11/6/96
CHLOROMETHANE	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD133 11/6/96
VINYL CHLORIDE	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD133 11/6/96
BROMOMETHANE	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD133 11/6/96
CHLOROETHANE	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD133 11/6/96
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
METHYLENE CHLORIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
TRANS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
CHLOROFORM	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
BENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
TRICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
TOLUENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
CHLOROBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
ETHYLBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
BROMOFORM	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
STYRENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
ACETONE	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD133 11/6/96
CARBON DISULFIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
VINYL ACETATE	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD133 11/6/96

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 12:10
Sampled By : KIBURZ
Sample Id: SITE #1, 1.5 FT.
Location : SARATOGA HIST.PARK,CANAL DUMP

CTM Sample No: 961104L 03
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

(CONTINUED FROM PREVIOUS PAGE)

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
2-HEXANONE	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD133 11/6/96
M-XYLENE & P-XYLENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
O-XYLENES	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
CIS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD133 11/6/96
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD133 11/6/96
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSCD133 11/6/96
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	250	MCG/KG	GCMSB:46 11/7/96
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	250	MCG/KG	GCMSB:46 11/7/96
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	250	MCG/KG	GCMSB:46 11/7/96
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	250	MCG/KG	GCMSB:46 11/7/96
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	250	MCG/KG	GCMSB:46 11/7/96
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	250	MCG/KG	GCMSB:46 11/7/96
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	250	MCG/KG	GCMSB:46 11/7/96
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	250	MCG/KG	GCMSB:46 11/7/96
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	260	250	MCG/KG	GCMSB:46 11/7/96
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	250	MCG/KG	GCMSB:46 11/7/96
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	250	MCG/KG	GCMSB:46 11/7/96
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	250	MCG/KG	GCMSB:46 11/7/96
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	250	MCG/KG	GCMSB:46 11/7/96
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	250	MCG/KG	GCMSB:46 11/7/96
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	250	MCG/KG	GCMSB:46 11/7/96
B/N EXTRACTION	SW-846 METHOD 3500A	COMPLETED			MC 11/6/96
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-21:116 11/7/96
ARSENIC	ICP, SW-846 METHOD 6010	8.3	1.3	MG/KG	F-5:56 11/8/96
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-21:113 11/5/96
MERCURY	SW-846 METHOD 7471	0.28	0.098	MG/KG	E-4:133 11/5/96

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

Attention: MR. CHRIS MARTIN

CTM Task #: 961104L

Purchase Order Number:
Date Sampled: 10/31/96 Time: 12:20
Sampled By : KIBURZ
Sample Id: SITE #1, 3.0 FT.
Location : SARATOGA HIST.PARK,CANAL DUMP

CTM Sample No: 961104L 04
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
% SOLIDS	CLP SOW 4/89	71.9		%	ACM 11/4/96
VOLATILES, SW-846 8240		COMPLETED			GCMSCD133 11/6/96
CHLOROMETHANE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD133 11/6/96
VINYL CHLORIDE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD133 11/6/96
BROMOMETHANE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD133 11/6/96
CHLOROETHANE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD133 11/6/96
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
METHYLENE CHLORIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
TRANS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
CHLOROFORM	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD:133 11/6/96
BENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD:133 11/6/96
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD:133 11/6/96
TRICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD:133 11/6/96
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD:133 11/6/96
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD:133 11/6/96
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD:133 11/6/96
TOLUENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD:133 11/6/96
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD:133 11/6/96
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD:133 11/6/96
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD:133 11/6/96
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD:133 11/6/96
CHLOROBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD:133 11/6/96
ETHYLBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD:133 11/6/96
BROMOFORM	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD:133 11/6/96
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD:133 11/6/96
STYRENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
ACETONE	SW-846 METHOD 8240	27	14	MCG/KG	GCMSCD133 11/6/96
CARBON DISULFIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
VINYL ACETATE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD133 11/6/96

(CONTINUES ON NEXT PAGE)

REMARKS:

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

Attention: MR. CHRIS MARTIN

CTM Task #: 961104L

Purchase Order Number:
Date Sampled: 10/31/96 Time: 12:20
Sampled By : KIBURZ
Sample Id: SITE #1, 3.0 FT.
Location : SARATOGA HIST.PARK,CANAL DUMP

CTM Sample No: 961104L 04
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
(CONTINUED FROM PREVIOUS PAGE)					
2-HEXANONE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD133 11/6/96
M-XYLENE & P-XYLENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
O-XYLENES	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
CIS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD133 11/6/96
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD133 11/6/96
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSCD133 11/6/96
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:48 11/8/96
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:48 11/8/96
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:48 11/8/96
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:48 11/8/96
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:48 11/8/96
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:48 11/8/96
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:48 11/8/96
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:48 11/8/96
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:48 11/8/96
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:48 11/8/96
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:48 11/8/96
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:48 11/8/96
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:48 11/8/96
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:48 11/8/96
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:48 11/8/96
B/N EXTRACTION	SW-846 METHOD 3500A	COMPLETED			MC 11/6/96
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-21:116 11/7/96
ARSENIC	ICP, SW-846 METHOD 6010	7.0	1.0	MG/KG	F-5:67 11/8/96
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-21:113 11/5/96
MERCURY	SW-846 METHOD 7471	0.12	0.088	MG/KG	E-4:133 11/5/96

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 12:30
Sampled By : KIBURZ
Sample Id: SITE #1, 5.0 FT.
Location : SARATOGA HIST.PARK,CANAL DUMP

CTM Sample No: 961104L 05
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
% SOLIDS	CLP SOW 4/89	48.7		%	ACM 11/4/96
VOLATILES, SW-846 8240		COMPLETED			GCMSCD133 11/6/96
CHLOROMETHANE	SW-846 METHOD 8240	ND	20	MCG/KG	GCMSCD133 11/6/96
VINYL CHLORIDE	SW-846 METHOD 8240	ND	20	MCG/KG	GCMSCD133 11/6/96
BROMOMETHANE	SW-846 METHOD 8240	ND	20	MCG/KG	GCMSCD133 11/6/96
CHLOROETHANE	SW-846 METHOD 8240	ND	20	MCG/KG	GCMSCD133 11/6/96
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
METHYLENE CHLORIDE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
TRANS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
CHLOROFORM	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
BENZENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
TRICHLOROETHENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
TOLUENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
CHLOROBENZENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
ETHYLBENZENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
BROMOFORM	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
STYRENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
ACETONE	SW-846 METHOD 8240	ND	20	MCG/KG	GCMSCD133 11/6/96
CARBON DISULFIDE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
VINYL ACETATE	SW-846 METHOD 8240	ND	20	MCG/KG	GCMSCD133 11/6/96

(CONTINUES ON NEXT PAGE)

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

Attention: MR. CHRIS MARTIN

CTM Task #: 961104L

Purchase Order Number:
Date Sampled: 10/31/96 Time: 12:30
Sampled By : KIBURZ
Sample Id: SITE #1, 5.0 FT.
Location : SARATOGA HIST.PARK,CANAL DUMP

CTM Sample No: 961104L 05
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
2-HEXANONE	SW-846 METHOD 8240	ND	20	MCG/KG	GCMSCD133 11/6/96
M-XYLENE & P-XYLENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
O-XYLENES	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
CIS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD133 11/6/96
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	20	MCG/KG	GCMSCD133 11/6/96
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	20	MCG/KG	GCMSCD133 11/6/96
PURGE & TRAP EXTRACTION	SW-846 METHOD 503D	COMPLETED			GCMSCD133 11/6/96
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	330	MCG/KG	GCMSB:46 11/7/96
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	330	MCG/KG	GCMSB:46 11/7/96
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	330	MCG/KG	GCMSB:46 11/7/96
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	330	MCG/KG	GCMSB:46 11/7/96
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	330	MCG/KG	GCMSB:46 11/7/96
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	330	MCG/KG	GCMSB:46 11/7/96
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	330	MCG/KG	GCMSB:46 11/7/96
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	330	MCG/KG	GCMSB:46 11/7/96
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	330	MCG/KG	GCMSB:46 11/7/96
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	330	MCG/KG	GCMSB:46 11/7/96
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	330	MCG/KG	GCMSB:46 11/7/96
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	330	MCG/KG	GCMSB:46 11/7/96
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	330	MCG/KG	GCMSB:46 11/7/96
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	330	MCG/KG	GCMSB:46 11/7/96
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	330	MCG/KG	GCMSB:46 11/7/96
B/N EXTRACTION	SW-846 METHOD 3500A	COMPLETED			MC 11/6/96
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-21:121 11/11/96
ARSENIC	ICP, SW-846 METHOD 6010	14.4	1.9	MG/KG	F-5:67 11/8/96
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-21:113 11/5/96
MERCURY	SW-846 METHOD 7471	ND	0.088	MG/KG	E-4:133 11/5/96

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 13:00
Sampled By : KIBURZ
Sample Id: SITE #2, SURFACE
Location : SARATOGA HIST.PARK,CANAL DUMP

CTM Sample No: 961104L 06
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
% SOLIDS	CLP SOW 4/89	76.9		%	ACM 11/4/96
VOLATILES, SW-846 8240		COMPLETED			GCMSCD133 11/6/96
CHLOROMETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96
VINYL CHLORIDE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96
BROMOMETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96
CHLOROETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
METHYLENE CHLORIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
TRANS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
CHLOROFORM	SW-846 METHOD 824D	ND	7	MCG/KG	GCMSCD133 11/6/96
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
CARBON TETRACHLORIDE	SW-846 METHOD 824D	ND	7	MCG/KG	GCMSCD133 11/6/96
BENZENE	SW-846 METHOD 824D	ND	7	MCG/KG	GCMSCD133 11/6/96
1,2-DICHLOROETHANE	SW-846 METHOD 824D	ND	7	MCG/KG	GCMSCD133 11/6/96
TRICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
1,2-DICHLOROPROPANE	SW-846 METHOD 824D	ND	7	MCG/KG	GCMSCD133 11/6/96
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
TOLUENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
CHLOROBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
ETHYLBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
BROMOFORM	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
STYRENE	SW-846 METHOD 824D	ND	7	MCG/KG	GCMSCD133 11/6/96
ACETONE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96
CARBON DISULFIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
VINYL ACETATE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96

(CONTINUES ON NEXT PAGE)

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648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 13:00
Sampled By : KIBURZ
Sample Id: SITE #2, SURFACE
Location : SARATOGA HIST.PARK,CANAL DUMP

CTM Sample No: 961104L 06
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
2-HEXANONE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96
M-XYLENE & P-XYLENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
O-XYLENES	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
CIS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSCD133 11/6/96
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:50 11/13/96
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:50 11/13/96
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:50 11/13/96
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:50 11/13/96
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:50 11/13/96
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:50 11/13/96
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:50 11/13/96
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:50 11/13/96
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:50 11/13/96
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:50 11/13/96
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:50 11/13/96
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:50 11/13/96
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:50 11/13/96
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:50 11/13/96
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:50 11/13/96
B/N EXTRACTION	SW-846 METHOD 3500A	COMPLETED			MC 11/6/96
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-21:121 11/11/96
ARSENIC	ICP, SW-846 METHOD 6010	4.4	1.3	MG/KG	F-5:67 11/8/96
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-21:113 11/5/96
MERCURY	SW-846 METHOD 7471	ND	0.080	MG/KG	E-4:133 11/5/96

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

CTM Analytical Laboratories, Ltd.

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FAX 518-786-7139

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

Attention: MR. CHRIS MARTIN

CTM Task #: 961104L

Purchase Order Number:
Date Sampled: 10/31/96 Time: 13:05
Sampled By : KIBURZ
Sample Id: SITE #2, 0.5 FT.
Location : SARATOGA HIST. PARK,CANAL DUMP

CTM Sample No: 961104L 07
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
% SOLIDS	CLP SOW 4/89	77.9		%	ACM 11/4/96
VOLATILES, SW-846 8240		COMPLETED			GCMSCD133 11/6/96
CHLOROMETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96
VINYL CHLORIDE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96
BROMOMETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96
CHLOROETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
METHYLENE CHLORIDE	SW-846 METHOD 824D	ND	6	MCG/KG	GCMSCD133 11/6/96
TRANS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
CHLOROFORM	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
BENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
TRICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
TOLUENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
CHLOROBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
ETHYLBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
BROMOFORM	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
STYRENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD133 11/6/96
ACETONE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96
CARBON DISULFIDE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
VINYL ACETATE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96

(CONTINUES ON NEXT PAGE)

REMARKS:

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

Attention: MR. CHRIS MARTIN

CTM Task #: 961104L

Purchase Order Number:
Date Sampled: 10/31/96 Time: 13:05
Sampled By : KIBURZ
Sample Id: SITE #2, 0.5 FT.
Location : SARATOGA HIST. PARK,CANAL DUMP

CTM Sample No: 961104L 07
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
(CONTINUED FROM PREVIOUS PAGE)					
2-HEXANONE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96
M-XYLENE & P-XYLENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
O-XYLENES	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
CIS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD133 11/6/96
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD133 11/6/96
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSCD133 11/6/96
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
B/N EXTRACTION	SW-846 METHOD 3500A	COMPLETED			MC 11/6/96
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-21:121 11/11/96
ARSENIC	ICP, SW-846 METHOD 6010	5.4	1.2	MG/KG	F-5:67 11/8/96
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-21:113 11/5/96
MERCURY	SW-846 METHOD 7471	ND	0.064	MG/KG	E-4:133 11/5/96

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

Attention: MR. CHRIS MARTIN

CTM Task #: 961104L

Purchase Order Number:
Date Sampled: 10/31/96 Time: 13:20
Sampled By : KIBURZ
Sample Id: SITE #2, 1.5 FT.
Location : SARATOGA HIST.PARK, CANAL DUMP

CTM Sample No: 961104L 08
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
% SOLIDS	CLP SOW 4/89	74.0		%	ACM 11/4/96
VOLATILES, SW-846 8240		COMPLETED			GCMSCD134 11/7/96
CHLOROMETHANE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD134 11/7/96
VINYL CHLORIDE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD134 11/7/96
BROMOMETHANE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD134 11/7/96
CHLOROETHANE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD134 11/7/96
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
METHYLENE CHLORIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
TRANS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
CHLOROFORM	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
BENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
TRICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
TOLUENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
CHLOROBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
ETHYLBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
BROMOFORM	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
STYRENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
ACETONE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD134 11/7/96
CARBON DISULFIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
VINYL ACETATE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD134 11/7/96

(CONTINUES ON NEXT PAGE)

REMARKS:

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 13:20
Sampled By : KIBURZ
Sample Id: SITE #2, 1.5 FT.
Location : SARATOGA HIST.PARK, CANAL DUMP

CTM Sample No: 961104L 08
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
2-HEXANONE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD134 11/7/96
M-XYLENE & P-XYLENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
O-XYLENES	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
CIS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD134 11/7/96
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD134 11/7/96
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD134 11/7/96
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSCD134 11/7/96
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:46 11/7/96
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:46 11/7/96
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:46 11/7/96
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:46 11/7/96
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:46 11/7/96
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:46 11/7/96
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:46 11/7/96
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:46 11/7/96
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:46 11/7/96
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:46 11/7/96
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:46 11/7/96
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:46 11/7/96
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:46 11/7/96
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:46 11/7/96
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:46 11/7/96
B/N EXTRACTION	SW-846 METHOD 3500A	COMPLETED			MC 11/6/96
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-21:121 11/11/96
ARSENIC	ICP, SW-846 METHOD 6010	3.2	1.2	MG/KG	F-5:67 11/8/96
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-21:113 11/5/96
MERCURY	SW-846 METHOD 7471	ND	0.073	MG/KG	E-4:133 11/5/96

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 13:35
Sampled By : KIBURZ
Sample Id: SITE #2, 3.0 FT.
Location : SARATOGA HIST.PARK, CANAL DUMP

CTM Sample No: 961104L 09
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
% SOLIDS	CLP SOW 4/89	77.7		%	ACM 11/4/96
VOLATILES, SW-846 8240		COMPLETED			GCMSCD134 11/7/96
CHLOROMETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD134 11/7/96
VINYL CHLORIDE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD134 11/7/96
BROMOMETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD134 11/7/96
CHLOROETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD134 11/7/96
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
METHYLENE CHLORIDE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
TRANS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
CHLOROFORM	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
BENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
TRICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
TOLUENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
CHLOROBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
ETHYLBENZENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
BROMOFORM	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
STYRENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
ACETONE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD134 11/7/96
CARBON DISULFIDE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
VINYL ACETATE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD134 11/7/96

(CONTINUES ON NEXT PAGE)

REMARKS:

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 13:35
Sampled By : KIBURZ
Sample Id: SITE #2, 3.0 FT.
Location : SARATOGA HIST.PARK, CANAL DUMP

CTM Sample No: 961104L 09
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
2-HEXANONE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD134 11/7/96
M-XYLENE & P-XYLENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
O-XYLENES	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
CIS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	6	MCG/KG	GCMSCD134 11/7/96
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD134 11/7/96
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD134 11/7/96
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSCD134 11/7/96
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	210	MCG/KG	GCMSB:46 11/7/96
B/N EXTRACTION	SW-846 METHOD 3500A	COMPLETED			MC 11/6/96
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-21:121 11/11/96
ARSENIC	ICP, SW-846 METHOD 6010	3.7	1.2	MG/KG	F-5:67 11/8/96
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-21:113 11/5/96
MERCURY	SW-846 METHOD 7471	ND	0.097	MG/KG	E-4:133 11/5/96

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 13:47
Sampled By : KIBURZ
Sample Id: SITE #2, 5.0 FT.
Location : SARATOGA HIST.PARK, CANAL DUMP

CTM Sample No: 961104L 10
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
% SOLIDS	CLP SOW 4/89	49.4		%	ACM 11/4/96
VOLATILES, SW-846 8240		COMPLETED			GCMSCD135 11/8/96
CHLOROMETHANE	SW-846 METHOD 8240	ND	20	MCG/KG	GCMSCD135 11/8/96
VINYL CHLORIDE	SW-846 METHOD 8240	ND	20	MCG/KG	GCMSCD135 11/8/96
BROMOMETHANE	SW-846 METHOD 8240	ND	20	MCG/KG	GCMSCD135 11/8/96
CHLOROETHANE	SW-846 METHOD 8240	ND	20	MCG/KG	GCMSCD135 11/8/96
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
METHYLENE CHLORIDE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
TRANS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
CHLOROFORM	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
BENZENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
TRICHLOROETHENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
TOLUENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
CHLOROBENZENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
ETHYLBENZENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
BROMOFORM	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
STYRENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
ACETONE	SW-846 METHOD 8240	38	20	MCG/KG	GCMSCD135 11/8/96
CARBON DISULFIDE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
VINYL ACETATE	SW-846 METHOD 824D	ND	20	MCG/KG	GCMSCD135 11/8/96

(CONTINUES ON NEXT PAGE)

REMARKS:

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 13:47
Sampled By : KIBURZ
Sample Id: SITE #2, 5.0 FT.
Location : SARATOGA HIST.PARK, CANAL DUMP

CTM Sample No: 961104L 10
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
2-HEXANONE	SW-846 METHOD 8240	ND	20	MCG/KG	GCMSCD135 11/8/96
M-XYLENE & P-XYLENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
O-XYLENES	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
CIS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	10	MCG/KG	GCMSCD135 11/8/96
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	20	MCG/KG	GCMSCD135 11/8/96
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	20	MCG/KG	GCMSCD135 11/8/96
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSCD135 11/8/96
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	340	MCG/KG	GCMSB:48 11/11/96
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	340	MCG/KG	GCMSB:48 11/11/96
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	340	MCG/KG	GCMSB:48 11/11/96
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	340	MCG/KG	GCMSB:48 11/11/96
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	340	MCG/KG	GCMSB:48 11/11/96
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	340	MCG/KG	GCMSB:48 11/11/96
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	340	MCG/KG	GCMSB:48 11/11/96
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	340	MCG/KG	GCMSB:48 11/11/96
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	340	MCG/KG	GCMSB:48 11/11/96
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	340	MCG/KG	GCMSB:48 11/11/96
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	340	MCG/KG	GCMSB:48 11/11/96
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	340	MCG/KG	GCMSB:48 11/11/96
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	340	MCG/KG	GCMSB:48 11/11/96
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	340	MCG/KG	GCMSB:48 11/11/96
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	340	MCG/KG	GCMSB:48 11/11/96
B/N EXTRACTION	SW-846 METHOD 3500A	COMPLETED			MC 11/6/96
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-21:121 11/11/96
ARSENIC	ICP, SW-846 METHOD 6010	3.9	2.0	MG/KG	F-5:67 11/8/96
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-21:113 11/5/96
MERCURY	SW-846 METHOD 7471	ND	0.14	MG/KG	E-4:133 11/5/96

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 14:20
Sampled By : KIBURZ
Sample Id: SITE #3, SURFACE
Location : SARATOGA HIST.PARK, CANAL DUMP

CTM Sample No: 961104L 11
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
% SOLIDS	CLP SOW 4/89	63.5		%	ACM 11/4/96
VOLATILES, SW-846 8240		COMPLETED			GCMSCD135 11/8/96
CHLOROMETHANE	SW-846 METHOD 8240	ND	16	MCG/KG	GCMSCD135 11/8/96
VINYL CHLORIDE	SW-846 METHOD 8240	ND	16	MCG/KG	GCMSCD135 11/8/96
BROMOMETHANE	SW-846 METHOD 8240	ND	16	MCG/KG	GCMSCD135 11/8/96
CHLOROETHANE	SW-846 METHOD 8240	ND	16	MCG/KG	GCMSCD135 11/8/96
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
METHYLENE CHLORIDE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
TRANS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
CHLOROFORM	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
BENZENE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
TRICHLOROETHENE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
TOLUENE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
CHLOROBENZENE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
ETHYLBENZENE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
BROMOFORM	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
STYRENE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
ACETONE	SW-846 METHOD 8240	ND	16	MCG/KG	GCMSCD135 11/8/96
CARBON DISULFIDE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
VINYL ACETATE	SW-846 METHOD 8240	ND	16	MCG/KG	GCMSCD135 11/8/96

(CONTINUES ON NEXT PAGE)

REMARKS:

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 14:20
Sampled By : KIBURZ
Sample Id: SITE #3, SURFACE
Location : SARATOGA HIST.PARK, CANAL DUMP

CTM Sample No: 961104L 11
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
2-HEXANONE	SW-846 METHOD 8240	ND	16	MCG/KG	GCMSCD135 11/8/96
M-XYLENE & P-XYLENE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
O-XYLENES	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
CIS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	8	MCG/KG	GCMSCD135 11/8/96
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	16	MCG/KG	GCMSCD135 11/8/96
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	16	MCG/KG	GCMSCD135 11/8/96
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSCD135 11/8/96
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	260	MCG/KG	GCMSB:46 11/7/96
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	260	MCG/KG	GCMSB:46 11/7/96
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	260	MCG/KG	GCMSB:46 11/7/96
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	260	MCG/KG	GCMSB:46 11/7/96
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	260	MCG/KG	GCMSB:46 11/7/96
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	260	MCG/KG	GCMSB:46 11/7/96
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	260	MCG/KG	GCMSB:46 11/7/96
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	260	MCG/KG	GCMSB:46 11/7/96
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	260	MCG/KG	GCMSB:46 11/7/96
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	260	MCG/KG	GCMSB:46 11/7/96
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	260	MCG/KG	GCMSB:46 11/7/96
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	260	MCG/KG	GCMSB:46 11/7/96
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	260	MCG/KG	GCMSB:46 11/7/96
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	260	MCG/KG	GCMSB:46 11/7/96
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	260	MCG/KG	GCMSB:46 11/7/96
B/N EXTRACTION	SW-846 METHOD 3500A	COMPLETED			MC 11/6/96
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-21:121 11/11/96
ARSENIC	ICP, SW-846 METHOD 6010	2.2	1.5	MG/KG	F-5:67 11/8/96
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-21:113 11/5/96
MERCURY	SW-846 METHOD 7471	ND	0.079	MG/KG	E-4:133 11/5/96

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 14:25
Sampled By : KIBURZ
Sample Id: SITE #3, 0.5 FT.
Location : SARATOGA HIST.PARK, CANAL DUMP

CTM Sample No: 961104L 12
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
% SOLIDS	CLP SOW 4/89	73.2		%	ACM 11/4/96
VOLATILES, SW-846 8240		COMPLETED			GCMSCD135 11/8/96
CHLOROMETHANE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD135 11/8/96
VINYL CHLORIDE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD135 11/8/96
BROMOMETHANE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD135 11/8/96
CHLOROETHANE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD135 11/8/96
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
METHYLENE CHLORIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
TRANS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
CHLOROFORM	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
BENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
TRICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
TOLUENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
CHLOROBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
ETHYLBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
BROMOFORM	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
STYRENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
ACETONE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD135 11/8/96
CARBON DISULFIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
VINYL ACETATE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD135 11/8/96

(CONTINUES ON NEXT PAGE)

REMARKS:

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 14:25
Sampled By : KIBURZ
Sample Id: SITE #3, 0.5 FT.
Location : SARATOGA HIST.PARK, CANAL DUMP

CTM Sample No: 961104L 12
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
2-HEXANONE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD135 11/8/96
M-XYLENE & P-XYLENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
O-XYLENES	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
CIS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD135 11/8/96
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	14	MCG/KG	GCMSCD135 11/8/96
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSCD135 11/8/96
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:46 11/7/96
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:46 11/7/96
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:46 11/7/96
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:46 11/7/96
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:46 11/7/96
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:46 11/7/96
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:46 11/7/96
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:46 11/7/96
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:46 11/7/96
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:46 11/7/96
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:46 11/7/96
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:46 11/7/96
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:46 11/7/96
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:46 11/7/96
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	230	MCG/KG	GCMSB:46 11/7/96
B/N EXTRACTION	SW-846 METHOD 3500A	COMPLETED			MC 11/6/96
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-21:121 11/11/96
ARSENIC	ICP, SW-846 METHOD 6010	4.9	1.4	MG/KG	F-5:67 11/8/96
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-21:113 11/5/96
MERCURY	SW-846 METHOD 7471	ND	0.076	MG/KG	E-4:133 11/5/96

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 14:37
Sampled By : KIBURZ
Sample Id: SITE #3, 1.5 FT.
Location : SARATOGA HIST.PARK, CANAL DUMP

CTM Sample No: 961104L 13
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
% SOLIDS	CLP SOW 4/89	75.2		%	ACM 11/4/96
VOLATILES, SW-846 8240		COMPLETED			GCMSCD135 11/8/96
CHLOROMETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD135 11/8/96
VINYL CHLORIDE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD135 11/8/96
BROMOMETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD135 11/8/96
CHLOROETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD135 11/8/96
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
METHYLENE CHLORIDE	SW-846 METHOD 8240	7	7	MCG/KG	GCMSCD135 11/8/96
TRANS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
CHLOROFORM	SW-846 METHOD 824D	ND	7	MCG/KG	GCMSCD135 11/8/96
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
BENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
TRICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
TOLUENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
CHLOROBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
ETHYLBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
BROMOFORM	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
STYRENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
ACETONE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD135 11/8/96
CARBON DISULFIDE	SW-846 METHOD 824D	ND	7	MCG/KG	GCMSCD135 11/8/96
VINYL ACETATE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD135 11/8/96

(CONTINUES ON NEXT PAGE)

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 14:37
Sampled By : KIBURZ
Sample Id: SITE #3, 1.5 FT.
Location : SARATOGA HIST.PARK, CANAL DUMP

CTM Sample No: 961104L 13
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
2-HEXANONE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD135 11/8/96
M-XYLENE & P-XYLENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
O-XYLENES	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
CIS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD135 11/8/96
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD135 11/8/96
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSCD135 11/8/96
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:48 11/8/96
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:48 11/8/96
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:48 11/8/96
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:48 11/8/96
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:48 11/8/96
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:48 11/8/96
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:48 11/8/96
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:48 11/8/96
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:48 11/8/96
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:48 11/8/96
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:48 11/8/96
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:48 11/8/96
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:48 11/8/96
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:48 11/8/96
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:48 11/8/96
B/N EXTRACTION	SW-846 METHOD 3500A	COMPLETED			DO 11/7/96
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-21:122 11/12/96
ARSENIC	ICP, SW-846 METHOD 6010	3.1	1.2	MG/KG	F-5:67 11/8/96
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-21:113 11/5/96
MERCURY	SW-846 METHOD 7471	ND	0.11	MG/KG	E-4:133 11/5/96

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

Attention: MR. CHRIS MARTIN

CTM Task #: 961104L

Purchase Order Number:
Date Sampled: 10/31/96 Time: 14:55
Sampled By : KIBURZ
Sample Id: SITE #3, 3.0 FT.
Location : SARATOGA HIST.PARK, CANAL DUMP

CTM Sample No: 961104L 14
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used

		Results	PQL	Unit	Analyst Reference
% SOLIDS	CLP SOW 4/89	67.4		%	ACM 11/4/96
VOLATILES, SW-846 8240		COMPLETED			GCMSCD135 11/8/96
CHLOROMETHANE	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD135 11/8/96
VINYL CHLORIDE	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD135 11/8/96
BROMOMETHANE	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD135 11/8/96
CHLOROETHANE	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD135 11/8/96
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
METHYLENE CHLORIDE	SW-846 METHOD 8240	11	7	MCG/KG	GCMSCD135 11/8/96
TRANS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
1,1-DICHLOROETHENE	SW-846 METHOD 8240	NO	7	MCG/KG	GCMSCD135 11/8/96
CHLOROFORM	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
BENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
TRICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
TOLUENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
CHLOROBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
ETHYLBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
BROMOFORM	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
STYRENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
ACETONE	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD135 11/8/96
CARBON DISULFIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
VINYL ACETATE	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD135 11/8/96

(CONTINUES ON NEXT PAGE)

REMARKS:

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 14:55
Sampled By : KIBURZ
Sample Id: SITE #3, 3.0 FT.
Location : SARATOGA HIST.PARK, CANAL DUMP

CTM Sample No: 961104L 14
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
2-HEXANONE	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD135 11/8/96
M-XYLENE & P-XYLENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
O-XYLENES	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
CIS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD135 11/8/96
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD135 11/8/96
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	15	MCG/KG	GCMSCD135 11/8/96
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSCD135 11/8/96
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	240	MCG/KG	GCMSB:47 11/8/96
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	240	MCG/KG	GCMSB:47 11/8/96
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	240	MCG/KG	GCMSB:47 11/8/96
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	240	MCG/KG	GCMSB:47 11/8/96
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	240	MCG/KG	GCMSB:47 11/8/96
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	240	MCG/KG	GCMSB:47 11/8/96
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	240	MCG/KG	GCMSB:47 11/8/96
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	240	MCG/KG	GCMSB:47 11/8/96
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	240	MCG/KG	GCMSB:47 11/8/96
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	240	MCG/KG	GCMSB:47 11/8/96
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	240	MCG/KG	GCMSB:47 11/8/96
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	240	MCG/KG	GCMSB:47 11/8/96
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	240	MCG/KG	GCMSB:47 11/8/96
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	240	MCG/KG	GCMSB:47 11/8/96
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	240	MCG/KG	GCMSB:47 11/8/96
B/N EXTRACTION	SW-846 METHOD 3500A	COMPLETED			DO 11/7/96
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-21:122 11/12/96
ARSENIC	ICP, SW-846 METHOD 6010	4.3	1.4	MG/KG	F-5:67 11/8/96
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-21:113 11/5/96
MERCURY	SW-846 METHOD 7471	ND	0.10	MG/KG	E-4:133 11/5/96

REMARKS:

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 15:15
Sampled By : KIBURZ
Sample Id: SITE #3, 5.0 FT.
Location : SARATOGA HIST.PARK, CANAL DUMP

CTM Sample No: 961104L 15
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
% SOLIDS	CLP SOW 4/89	74.7		%	ACM 11/4/96
VOLATILES, SW-846 8240		COMPLETED			GCMSCD136 11/11/96
CHLOROMETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD136 11/11/96
VINYL CHLORIDE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD136 11/11/96
BROMOMETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD136 11/11/96
CHLOROETHANE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD136 11/11/96
1,1-DICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
METHYLENE CHLORIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
TRANS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
1,1-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
CHLOROFORM	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
1,1,1-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
CARBON TETRACHLORIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
BENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
1,2-DICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
TRICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
1,2-DICHLOROPROPANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
BROMODICHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
TRANS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
TOLUENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
CIS-1,3-DICHLOROPROPENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
1,1,2-TRICHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
TETRACHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
DIBROMOCHLOROMETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
CHLOROBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
ETHYLBENZENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
BROMOFORM	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
1,1,2,2,-TETRACHLOROETHANE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
STYRENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
ACETONE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD136 11/11/96
CARBON DISULFIDE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
VINYL ACETATE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD136 11/11/96

(CONTINUES ON NEXT PAGE)

REMARKS:

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SARATOGA NATIONAL HISTORIC PK.
648 RT 32
STILLWATER NY 12170

CTM PROJECT #: 9939628

CTM Task #: 961104L

Attention: MR. CHRIS MARTIN

Purchase Order Number:
Date Sampled: 10/31/96 Time: 15:15
Sampled By : KIBURZ
Sample Id: SITE #3, 5.0 FT.
Location : SARATOGA HIST.PARK, CANAL DUMP

CTM Sample No: 961104L 15
Date Received: 11/04/96
Collection Method: GRAB
Matrix: SOIL

Parameters and Standard Methodology Used		Results	PQL	Unit	Analyst Reference
	(CONTINUED FROM PREVIOUS PAGE)				
2-HEXANONE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD136 11/11/96
M-XYLENE & P-XYLENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
O-XYLENES	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
CIS-1,2-DICHLOROETHENE	SW-846 METHOD 8240	ND	7	MCG/KG	GCMSCD136 11/11/96
4-METHYL-2-PENTANONE	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD136 11/11/96
2-BUTANONE (MEK)	SW-846 METHOD 8240	ND	13	MCG/KG	GCMSCD136 11/11/96
PURGE & TRAP EXTRACTION	SW-846 METHOD 5030	COMPLETED			GCMSCD136 11/11/96
ACENAPHTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:47 11/8/96
ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:47 11/8/96
BENZO(A) ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:47 11/8/96
BENZO(A) PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:47 11/8/96
BENZO(B) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:47 11/8/96
BENZO(K) FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:47 11/8/96
CHRYSENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:47 11/8/96
DIBENZO-(A,H)-ANTHRACENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:47 11/8/96
FLUORANTHENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:47 11/8/96
FLUORENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:47 11/8/96
INDENO -(1,2,3)-(C,D)-PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:47 11/8/96
NAPHTHALENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:47 11/8/96
PHENANTHRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:47 11/8/96
PYRENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:47 11/8/96
BENZO-(G,H,I)-PERLYENE	SW-846 METHOD 8270 BASE/NEUTRALS	ND	220	MCG/KG	GCMSB:47 11/8/96
B/N EXTRACTION	SW-846 METHOD 3500A	COMPLETED			DO 11/7/96
ACID DIGESTION - FLAME/ICP	SW-846 METHOD 3050	COMPLETED			D-21:122 11/12/96
ARSENIC	ICP, SW-846 METHOD 6010	4.8	1.3	MG/KG	F-5:67 11/8/96
MERCURY PREPARATION - SOLID	SW-846 METHOD 7471	COMPLETED			D-21:113 11/5/96
MERCURY	SW-846 METHOD 7471	ND	0.077	MG/KG	E-4:133 11/5/96

REMARKS:

END OF REPORT

LEGEND: MG/KG=PPM, MCG/KG=PPB, MG/L=PPM, MCG/L=PPB, MCG/G=PPM

CTM Analytical Laboratories, Ltd.
15 Century Hill Drive
P.O. Box 727
Latham, NY 12110
518-786-7100
FAX 518-786-7139

CHAIN OF CUSTODY RECORD
LABORATORY SERVICES

CTM TASK # 9611041L

ASAP in F
Due 11/14

Client: Saratoga National Historic Park
Client Contact: Chris Martin
Project Location: Saratoga Historic Park, Canal dump, Rte 4
Purchase Order:

Sampler's Name: Jeri Kibure
(please print)
CTM Contact:
Turnaround Time Requested:

CTM LAB ID	Sample ID/Description	Date Sampled	Time A = a.m. P = p.m.	Sample Type: Matrix	COMP	GRAB	# of Containers	Preservative (list by # from list below)	Analysis Required
01	Site #1, surface (In canal, south end)	10-31-96	1200 P	soil		✓	2	9	8240 VOA, 8270 PAH, As, H
02	Site #1, 0.5 ft.	10-31-96	1202 P	soil		✓	2	9	
03	Site #1, 1.5 ft.	10-31-96	1210 P	soil		✓	2	9	
04	Site #1, 3.0 ft.	10-31-96	1220 P	soil		✓	2	9	
05	Site #1, 5.0 ft.	10-31-96	1230 P	soil		✓	2	9	
06	Site #2, surface (east of base dump)	10-31-96	1300 P	soil		✓	2	9	
07	Site #2, 0.5 ft.	10-31-96	1305 P	soil		✓	2	9	
08	Site #2, 1.5 ft.	10-31-96	1320 P	soil		✓	2	9	
09	Site #2, 3.0 ft.	10-31-96	1335 P	soil		✓	2	9	
10	Site #2, 5.0 ft.	10-31-96	1347 P	soil		✓	2	9	

	Date/Time		Date/Time
Sampled by: (signature) Jeri J.	10-31-96	Received by: (signature) (secured in walk-in refrig.)	
Relinquished by: (signature)		Received by: (signature)	
Relinquished by: (signature)		Received by: (signature)	
Dispatched by: (signature) Jeri J.	11-4-96 0840	Received for Laboratory by: Mary M. Beauchamp	11-4-96 0840

Preservatives

1. HCl
2. HNO_3
3. NaOH
4. NaS_2O_3
5. Zn Acet
6. Ascorbic
7. H_2SO_4
8. F (Filtered)
9. N (not preserved)
10. Other

Sample Condition

1. Samples intact? (Y) N
2. Custody seals intact? Y N
3. Preserved properly? (Y) N
4. Ambient or chilled?
5. C.O.C. received with (Y) N samples?

NOTES/COMMENTS:
8240 VOA
8270 PAH
As
Hg

Method of Shipment: Hand Delivered

Date: 10-31-96

PLEASE SEE REVERSE SIDE FOR TERMS AND CONDITIONS

CTM Analytical Laboratories, Ltd.
15 Century Hill Drive
P.O. Box 727
Latham, NY 12110
518-786-7100
FAX 518-786-7139

CHAIN OF CUSTODY RECORD
LABORATORY SERVICES

CTM TASK # 961104L

Client Saratoga National Historic Park
Client Contact Chris Martin
Project Location Saratoga Historic Park, Canal dump, Rte 4
Purchase Order

Sampler's Name Teri Kibure
(please print)
CTM Contact
Turnaround Time Requested

CTM LAB ID	Sample ID/Description	Date Sampled	Time A = a.m. P = p.m.	Sample Type: Matrix	Sample Type: COMP	Sample Type: GRAB	# of Containers	Preservative (list by # from list below)	Analysis Required
11	Site #3, surface In canal north end	10-31-96	1420 P	soil		✓	2	9	8240 VOA, 8270 PAH, As, Hg
12	Site #3, 0.5 A.	10-31-96	1425 P	soil		✓	2	9	
13	Site #3, 1.5 A.	10-31-96	1437 P	soil		✓	2	9	
14	Site #3, 3.0 A.	10-31-96	1455 P	soil		✓	2	9	
15	Site #3, 5.0 A.	10-31-96	1515 P	soil		✓	2	9	

JLK

	Date/Time		Date/Time
Sampled by: (signature)	10-31-96	Received by: (signature) Secured in walk-in refrig	
Relinquished by: (signature)		Received by: (signature)	
Relinquished by: (signature)		Received by: (signature)	
Dispatched by: (signature)	10-31-96 0840	Received for Laboratory by:	11-4-96 0840

Preservatives
1. HCl
2. HNO_3
3. NaOH
4. NaS_2O_3
5. Zn Acet
6. Ascorbic
7. H_2SO_4
8. F (Filtered)
9. N (not preserved)
10. Other

Sample Condition
1. Samples intact? (Y) N
2. Custody seals intact? Y N
3. Preserved properly? (Y) N
4. Ambient or chilled? (Y) N
5. C.O.C. received with samples? (Y) N

NOTES/COMMENTS:
8240 VOA
8270 PAH
As
Hg

Method of Shipment: Hand Delivered

Date: 10-31-96

PLEASE SEE REVERSE SIDE FOR TERMS AND CONDITIONS

ATTACHMENT C
EDR RADIUS REPORT

Abandoned Champlain Canal
STATE GARAGE RD
Schuylerville, NY 12871

Inquiry Number: 3889800.2s
March 24, 2014

The EDR Radius Map™ Report with GeoCheck®

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

STATE GARAGE RD
SCHUYLERVILLE, NY 12871

COORDINATES

Latitude (North):	43.0920000 - 43° 5' 31.20''
Longitude (West):	73.5823000 - 73° 34' 56.28''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	615385.9
UTM Y (Meters):	4771791.5
Elevation:	94 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	43073-A5 SCHUYLERVILLE, NY
Most Recent Revision:	1967

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year:	2011
Source:	USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

Proposed NPL---------- Proposed National Priority List Sites

NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP ---------- CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-CESQG ---------- RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS ---------- Inactive Hazardous Waste Disposal Sites in New York State
VAPOR REOPENED ---------- Vapor Intrusion Legacy Site List

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Facility Register

State and tribal leaking storage tank lists

HIST LTANKS ---------- Listing of Leaking Storage Tanks
INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

TANKS ---------- Storage Tank Faciliy Listing
CBS UST ---------- Chemical Bulk Storage Database
MOSF UST ---------- Major Oil Storage Facilities Database
CBS AST ---------- Chemical Bulk Storage Database

MOSF AST ---- Major Oil Storage Facilities Database
CBS ---- Chemical Bulk Storage Site Listing
MOSF ---- Major Oil Storage Facility Site Listing
INDIAN UST ---- Underground Storage Tanks on Indian Land
FEMA UST ---- Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

ENG CONTROLS ---- Registry of Engineering Controls
INST CONTROL ---- Registry of Institutional Controls
RES DECL ---- Restrictive Declarations Listing

State and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing
VCP ---- Voluntary Cleanup Agreements

State and tribal Brownfields sites

ERP ---- Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---- Open Dump Inventory
SWRCY ---- Registered Recycling Facility List
SWTIRE ---- Registered Waste Tire Storage & Facility List
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL ---- Clandestine Drug Labs
DEL SHWS ---- Delisted Registry Sites
US HIST CDL ---- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

HIST UST ---- Historical Petroleum Bulk Storage Database
HIST AST ---- Historical Petroleum Bulk Storage Database

Local Land Records

LIENS 2 ---- CERCLA Lien Information
LIENS ---- Spill Liens Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System

NY Hist Spills ..... SPILLS Database
SPILLS 90 ..... SPILLS 90 data from FirstSearch
SPILLS 80 ..... SPILLS 80 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR ..... RCRA - Non Generators
DOT OPS ..... Incident and Accident Data
DOD ..... Department of Defense Sites
FUDS ..... Formerly Used Defense Sites
UMTRA ..... Uranium Mill Tailings Sites
US MINES ..... Mines Master Index File
TRIS ..... Toxic Chemical Release Inventory System
TSCA ..... Toxic Substances Control Act
FTTS ..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS ..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS ..... Section 7 Tracking Systems
ICIS ..... Integrated Compliance Information System
PADS ..... PCB Activity Database System
MLTS ..... Material Licensing Tracking System
RADINFO ..... Radiation Information Database
FINDS ..... Facility Index System/Facility Registry System
RAATS ..... RCRA Administrative Action Tracking System
RMP ..... Risk Management Plans
HSWDS ..... Hazardous Substance Waste Disposal Site Inventory
UIC ..... Underground Injection Control Wells
MANIFEST ..... Facility and Manifest Data
DRYCLEANERS ..... Registered Drycleaners
SPDES ..... State Pollutant Discharge Elimination System
AIRS ..... Air Emissions Data
E DESIGNATION ..... E DESIGNATION SITE LISTING
INDIAN RESERV ..... Indian Reservations
SCRD DRYCLEANERS ..... State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER ..... PCB Transformer Registration Database
US FIN ASSUR ..... Financial Assurance Information
COAL ASH DOE ..... Steam-Electric Plant Operation Data
COAL ASH EPA ..... Coal Combustion Residues Surface Impoundments List
COAL ASH ..... Coal Ash Disposal Site Listing
EPA WATCH LIST ..... EPA WATCH LIST
PRP ..... Potentially Responsible Parties
2020 COR ACTION ..... 2020 Corrective Action Program List
Financial Assurance ..... Financial Assurance Information Listing
LEAD SMELTERS ..... Lead Smelter Sites
US AIRS ..... Aerometric Information Retrieval System Facility Subsystem

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ..... EDR Proprietary Manufactured Gas Plants
EDR US Hist Auto Stat ..... EDR Exclusive Historic Gas Stations
EDR US Hist Cleaners ..... EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ..... Recovered Government Archive Solid Waste Facilities List

EXECUTIVE SUMMARY

RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***ESE 1/8 - 1/4 (0.234 mi.)***	***0***	***8***

Federal CERCLIS list

CERCLIS: The Comprehensive Environmental Response, Compensation and Liability Information System contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the CERCLIS list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 CERCLIS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***ESE 1/8 - 1/4 (0.234 mi.)***	***0***	***8***

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 09/10/2013 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***ESE 1/8 - 1/4 (0.234 mi.)***	***0***	***8***

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 12/17/2013 has revealed that there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***ESE 1/8 - 1/4 (0.234 mi.)***	***0***	***8***

US INST CONTROL: A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

A review of the US INST CONTROL list, as provided by EDR, and dated 12/17/2013 has revealed that there is 1 US INST CONTROL site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***ESE 1/8 - 1/4 (0.234 mi.)***	***0***	***8***

State and tribal leaking storage tank lists

LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the LTANKS list, as provided by EDR, and dated 02/17/2014 has revealed that there are 7 LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MUZIKAR OIL	ROUTES 4/32	N 1/4 - 1/2 (0.297 mi.)	B4	43
Spill Number/Closed Date: 8900920 / 7/17/1989				

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYSDOT/OGS Spill Number/Closed Date: 9106010 / 11/16/1992	ROUTE 4 & ROUTE 32	N 1/4 - 1/2 (0.297 mi.)	B5	45
STEWART'S Spill Number/Closed Date: 9414255 / 7/19/1996	BROAD STREET	N 1/4 - 1/2 (0.374 mi.)	6	46
GETTY GAS STATION Spill Number/Closed Date: 9412461 / 12/23/1994	ROUTE 4	N 1/4 - 1/2 (0.463 mi.)	C7	47
GETTY SERVICE STATION Spill Number/Closed Date: 9108674 / 11/15/1991	GETTY/118 BROADWAY	N 1/4 - 1/2 (0.466 mi.)	C8	48

Lower Elevation	Address	Direction / Distance	Map ID	Page
SCHUYLER YACHT BASIN Spill Number/Closed Date: 0445076 / 11/16/2004	***1 FERRY ST***	***NNE 1/4 - 1/2 (0.485 mi.)***	***D10***	***52***
SCHUYLERVILLE YACHT CLUB Spill Number/Closed Date: 8605163 / 12/1/1986	ROUTE 29	NE 1/4 - 1/2 (0.491 mi.)	D11	59

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the UST list, as provided by EDR, and dated 12/30/2013 has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYSDOT	RT 4	NNE 0 - 1/8 (0.115 mi.)	A2	36

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the AST list, as provided by EDR, and dated 12/30/2013 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYSDOT	***RT 4***	***NNE 0 - 1/8 (0.115 mi.)***	***A3***	***39***

State and tribal Brownfields sites

BROWNFIELDS: Brownfields Site List

A review of the BROWNFIELDS list, as provided by EDR, and dated 11/13/2013 has revealed that there is 1 BROWNFIELDS site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VICTORY SPECIALTY PACKAGING IN	***42 GATES AVE***	***WSW 1/4 - 1/2 (0.473 mi.)***	***9***	***49***

ADDITIONAL ENVIRONMENTAL RECORDS

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 11/19/2013 has revealed that there is 1 NY Spills site within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OLD CHAMPLAIN CANAL Spill Number/Closed Date: 9412618 / 1/26/1996	RT. 4 NEAR EVAN STREET	SSW 0 - 1/8 (0.038 mi.)	1	35

Other Ascertainable Records

CONSENT: Major Legal settlements that establish responsibility and standards for cleanup at NPL (superfund) sites. Released periodically by U.S. District Courts after settlement by parties to litigation matters.

A review of the CONSENT list, as provided by EDR, and dated 12/31/2013 has revealed that there is 1 CONSENT site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***ESE 1/8 - 1/4 (0.234 mi.)***	***0***	***8***

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 11/25/2013 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

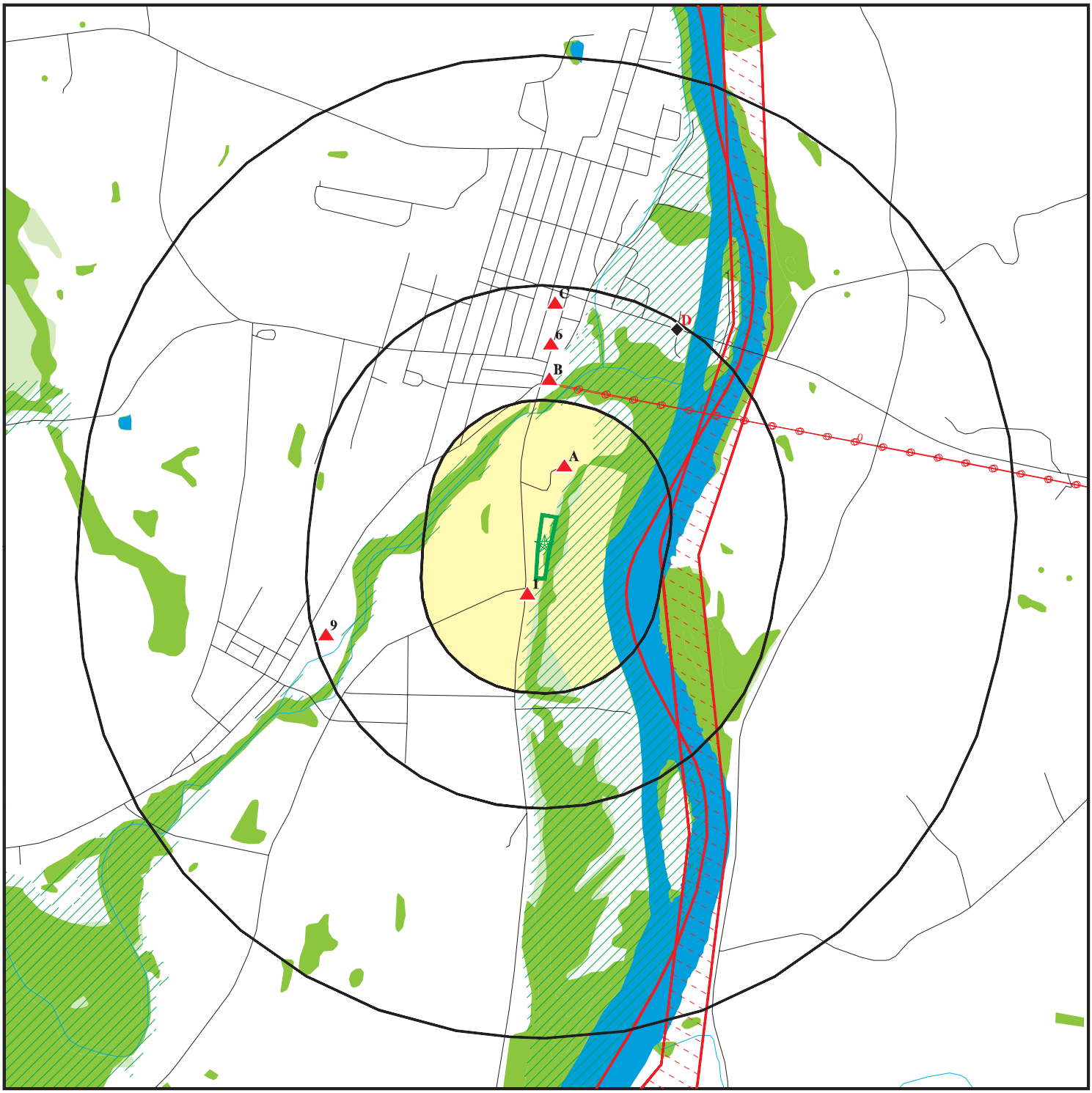
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HUDSON RIVER PCBS	***NO STREET APPLICABLE***	***ESE 1/8 - 1/4 (0.234 mi.)***	***0***	***8***

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 27 records.

Site Name	Database(s)
CARMODY FORD	RCRA-CESQG, MANIFEST
US EPA	MANIFEST
HOLLINGSWORTH & VOSE CO R & D	MANIFEST
WHALEN CHEVROLET OLDSMOBILE	RCRA-CESQG, MANIFEST, MANIFEST
NEW YORK TELEPHONE CO	RCRA-CESQG, MANIFEST
NYSDOT - REGION ONE BIN#: 1020670	RCRA NonGen / NLR, MANIFEST
NYSDOT BIN 4020700	RCRA NonGen / NLR, MANIFEST
SCHUYLERVILLE SUBSTATION	RCRA NonGen / NLR, MANIFEST
NYSDOT BIN 1001010	RCRA NonGen / NLR, MANIFEST
NYSDOT BIN 4001020	RCRA NonGen / NLR, MANIFEST
GREENWICH P&P	CERC-NFRAP, MANIFEST
GEORGIA PACIFIC	SHWS
TONY'S DINER	UST
ITALIAN CAROUSEL	UST
KERNEL ACRES LLC	AST
NYSDOT BIN 1095790	RCRA-LQG
NYSDOT BIN 1020680	RCRA-LQG
NYSDOT BIN 1073800	RCRA NonGen / NLR
FARMERS HOME ADMIN BULLARD ORCHARD	RCRA NonGen / NLR
TAX MAP 221.-1-4.2	NY Spills
HUDSON RIVER	NY Spills
HYDRO ELECTRIC PLANT	NY Spills
SCHUYLERVILLE DPW	NY Spills
CIANBRO CORP.	NY Spills
SPEZIO'S TV CENTER	NY Spills
ACCIDENT-ROUTE 29	NY Spills
CAPLAN TRACTOR	NY Spills

OVERVIEW MAP - 3889800.2s



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Abandoned Champlain Canal	CLIENT: Kane Environmental Inc.
ADDRESS: STATE GARAGE RD Schuylerville NY 12871	CONTACT: Maria Dunlavey
LAT/LONG: 43.092 / 73.5823	INQUIRY #: 3889800.2s DATE: March 24, 2014 7:28 pm

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DETAIL MAP - 3889800.2s



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Abandoned Champlain Canal	CLIENT:	Kane Environmental Inc.
ADDRESS:	STATE GARAGE RD Schuylerville NY 12871	CONTACT:	Maria Dunlavey
		INQUIRY #:	3889800.2s
LAT/LONG:	43.092 / 73.5823	DATE:	March 24, 2014 7:29 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	1	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS	0.500		0	1	0	NR	NR	1
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site List								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
US ENG CONTROLS	0.500		0	1	0	NR	NR	1
US INST CONTROL	0.500		0	1	0	NR	NR	1
LUCIS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent CERCLIS								
SHWS	1.000		0	0	0	0	NR	0
VAPOR REOPENED	1.000		0	0	0	0	NR	0
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LTANKS	0.500		0	0	7	NR	NR	7
HIST LTANKS	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
State and tribal registered storage tank lists								
TANKS	0.250		0	0	NR	NR	NR	0
UST	0.250		1	0	NR	NR	NR	1
CBS UST	0.250		0	0	NR	NR	NR	0
MOSF UST	0.500		0	0	0	NR	NR	0
AST	0.250		1	0	NR	NR	NR	1
CBS AST	0.250		0	0	NR	NR	NR	0
MOSF AST	0.500		0	0	0	NR	NR	0
CBS	0.250		0	0	NR	NR	NR	0
MOSF	0.500		0	0	0	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
ENG CONTROLS	0.500		0	0	0	NR	NR	0
INST CONTROL	0.500		0	0	0	NR	NR	0
RES DECL	0.125		0	NR	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
ERP	0.500		0	0	0	NR	NR	0
BROWNFIELDS	0.500		0	0	1	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
HIST UST	0.250		0	0	NR	NR	NR	0
HIST AST	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
NY Spills	0.125		1	NR	NR	NR	NR	1
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
SPILLS 90	0.125		0	NR	NR	NR	NR	0
SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	1	0	0	NR	1
ROD	1.000		0	1	0	0	NR	1
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
HSWDS	0.500		0	0	0	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
MANIFEST	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
SPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
E DESIGNATION	0.125		0	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	0	NR	NR	NR	0
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA HWS	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

NPL **HUDSON RIVER PCBS** **NPL** **1000384273**
Region **NO STREET APPLICABLE** **CERCLIS** **NYD980763841**
ESE **HUDSON RIVER, NY 12801** **RCRA-LQG**
1/8-1/4 **US ENG CONTROLS**
1233 ft. **US INST CONTROL**
CONSENT
ROD
NY Spills
PRP

NPL:
EPA ID: NYD980763841
EPA Region: 02
Federal: N
Final Date: 1984-09-21 00:00:00

Category Details:
NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-<= 10 Feet
Category Value: 0

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

Site Details:
Site Name: HUDSON RIVER PCBS
Site Status: Final
Site Zip: 12801
Site City: HUDSON RIVER
Site State: NY
Federal Site: No
Site County: WASHINGTON
EPA Region: 02
Date Proposed: 09/08/83
Date Deleted: Not reported
Date Finalized: 09/21/84

Substance Details:
NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: A046
Substance: POLYCHLORINATED BIPHENYLS
CAS #: 1336-36-3
Pathway: AIR PATHWAY
Scoring: 4

NPL Status: Currently on the Final NPL
Substance ID: A046
Substance: POLYCHLORINATED BIPHENYLS
CAS #: 1336-36-3
Pathway: SURFACE WATER PATHWAY

HUDSON RIVER PCBS (Continued) **1000384273**

Scoring: 4

Summary Details:

Conditions at listing September 1983): The Hudson River PCBs Site is a 40-mile stretch of the Hudson River between Mechanicville and Fort Edward, New York. General Electric Co. discharged an estimated l.l million pounds of PCBs into this stretch of river. The State has identified 40 hot spots, defined as sediments contaminated with greater than 50 parts per million ppm) of PCBs. Also included in the site are five remnant areas, which are river sediments exposed when thelevel of the river was lowered due to removal of the Fort Edward Dam. The State has taken initial measures to stabili e the remnant areas from erosion. In September 1980, Congress passed an amendment to the Clean Water Act CWA) that included the Hudson River PCB Reclamation Demonstration Project. Under this legislation, the EPA Administrator could authori e a 75 percent grant, not to exceed 20 million. EPA issued a final Environmental Impact Statement in October 1982 evaluating various dredging alternatives for a demonstration project. EPA has prepared a feasibility study to evaluate alternative remedial actions under CERCLA. The Administrator has determined that CERCLA funds may be used for remedial action atthe remnant areas and for evaluating the effectiveness of the water supply system at Waterford, New York. Status June 1984): EPA has completed a draft feasibility study identifying alternatives for remedial action. A search for partiespotentially responsible for wastes associated with the site has been completed, and EPA has sent letters to two potentially responsible parties notifying them of possible legal action under CERCLA.

Site Status Details:

NPL Status:	Final
Proposed Date:	09/08/1983
Final Date:	09/21/1984
Deleted Date:	Not reported

Narratives Details:

NPL Name:	HUDSON RIVER PCBS
City:	HUDSON RIVER
State:	NY

CERCLIS:

Site ID:	0202229
EPA ID:	NYD980763841
Facility County:	WASHINGTON
Short Name:	HUDSON RIVER PCBS
Congressional District:	21
IFMS ID:	0284
SMSA Number:	2975
USGC Hydro Unit:	02020003
Federal Facility:	Not a Federal Facility
DMNSN Number:	0.00000
Site Orphan Flag:	N
RCRA ID:	Not reported
USGS Quadrangle:	Not reported
Site Init By Prog:	Not reported
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

EPA Region: 02
Classification: Waterways/Creeks/Rivers
Site Settings Code: SU
NPL Status: Currently on the Final NPL
DMNSN Unit Code: Not reported
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: Not reported
Non NPL Status Date: / /
Site Fips Code: 36115
CC Concurrence Date: / /
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):
Contact ID: 13002796.00000
Contact Name: JENNIFER LAPOMA
Contact Tel: (212) 637-4328
Contact Title: Remedial Project Manager (RPM)
Contact Email: Not reported

CERCLIS Site Alias Name(s):
Alias ID: 101
Alias Name: HUDSON RIVER PCBS
Alias Address: Not reported
WARREN, NY
Alias ID: 102
Alias Name: HUDSON RIVER PCBS
Alias Address: NO STREET APPLICABLE
NO CITY APPLICABLE, NY 12801
Alias ID: 103
Alias Name: HUDSON RIVER PCBS
Alias Address: NO STREET APPLICABLE
HUDSON RIVER, NY 12801
Alias Comments: Not reported
Site Description: The Hudson River PCBs Site includes a nearly 200 river-mile stretch of the Hudson River in eastern New York State from the Village of Hudson Falls to the Battery in New York City. The Hudson River has been designated an American Heritage River because of its important role in American history and culture. This federal Superfund Record of Decision (ROD) addresses the risks to people and ecological receptors associated with polychlorinated biphenyls (PCBs) in the in-place sediments of the Upper Hudson River. The Site is divided into the Upper Hudson River which is the length of river between Hudson Falls and the Federal Dam at Troy, New York and the Lower Hudson River which is the length of river between Federal Dam at Troy and the Battery. For purposes of this project, EPA further divided the Upper Hudson River area into three main sections known as River Section 1, River Section 2, and River Section 3. The Site also includes five Remnant Deposits, which are areas of PCB-contaminated sediment that became exposed after the river water level dropped following removal of the Fort Edward Dam in 1973. The Upper Hudson River portion of the Site extends from the Fenimore Bridge in Hudson Falls to the Federal Dam at Troy, a distance of just over 43 river miles. The Lower Hudson River extends from the Federal Dam to the southern tip of Manhattan at the Battery in New York City. The Mid-Hudson River, which is primarily a subset of the Lower Hudson River, extends from the Federal Dam at Troy to just south of

HUDSON RIVER PCBS (Continued) **1000384273**

Poughkeepsie. The predominant sources of PCB contamination to the Upper Hudson River were two capacitor manufacturing plants owned and operated by GE. The plants are located adjacent to or near the Hudson River in the Village of Hudson Falls and the Town of Fort Edward. Over a 30-year period, the plants discharged a substantial amount of PCBs into the river. At the GE Hudson Falls plant, leakage of non-aqueous phase PCB-bearing oils through bedrock to the river continues to be a source of PCB contamination. Regarding the former outfall to the Hudson River from the GE Fort Edward plant, New York State Department of Environmental Conservation (NYSDEC) issued a Record of Decision in January 2000 that calls for the excavation of PCB-contaminated soil and sediment in this area of the Upper Hudson River shoreline in order to eliminate this source of PCBs to the river. EPA's analysis assumes a significantly reduced PCB loading to the river from these sources once the State's plans for remediation are implemented. PCBs, the chemicals of concern addressed in this decision document, have been classified by EPA as probable human carcinogens. They are also linked to other serious non- cancer adverse health effects based on observations in animals and emerging evidence in humans. Once discharged from the GE plants, the PCBs adhered to river sediment and accumulated downstream as they settled in impounded pools and other depositional areas. Historic fish and sediment data indicated PCBs were accumulating downstream of the old Fort Edward Dam as well as accumulating behind the dam. The removal of the dam in 1973 resulted in a remobilization and downstream distribution of PCBs that had accumulated behind the dam. Historically, the highest PCB sediment concentrations have been detected in the cohesive sediments within the Upper Hudson River. River scouring/ erosion and other mechanisms have mobilized PCB- contaminated sediments from the extensive cohesive deposits, redepositing them farther downstream all the way to the Battery. The preponderance of data indicates that burial of contaminated sediment by cleaner materials is not universally or uniformly occurring. Data also indicate that contaminated sediments in River Sections 1, 2 and 3 continue to serve as the major source of PCBs to the water column and the fish within the Upper Hudson River. During an approximate 30-year period ending in 1977, PCBs were used in capacitor manufacturing operations Hudson Falls and Fort Edward, New York facilities. PCB oils were discharged both directly and indirectly from these plants into the Hudson River. This included both non-permitted and permitted discharges. Even after permits were received in 1975, permit exceedances occurred. Estimates of the total quantity of PCBs discharged directly from the two plants into the river from the 1940s to 1977 are as high as 1,330,000 pounds (about 605,000 kg). Many of the PCBs discharged to the river adhered to sediments and accumulated with the sediments as they settled in the impounded pool behind the Fort Edward Dam, as well as other depositional areas farther downstream. Because of its deteriorating condition, the Fort Edward Dam was removed in 1973. Five areas of PCB-contaminated sediments were exposed due to the lowering of the river water level when the Fort Edward Dam was removed. These five areas are known as the Remnant Deposits. During subsequent floods, PCB-contaminated sediments from the Fort Edward Dam area were scoured and transported downstream. EPA notified the company that had the two plants of the remedy selected in the 1984 ROD and offered the company the opportunity to implement the selected remedy with respect to the Remnant Deposits and the Waterford drinking water supply evaluation. The company declined EPA's offer. NYSDEC, with funding provided by EPA, conducted the evaluation at the Waterford Water Works. In addition, NYSDEC prepared a design for the in- place containment of the Remnant Deposits. This design was completed in 1988. In March 1989, the company offered to assume responsibility for the implementation of the in-place containment remedy for the Remnant Deposits. EPA issued a September 27, 1989 Administrative Order on Consent to the company which required the company to prepare a remedial design

HUDSON RIVER PCBS (Continued) **1000384273**

report for the construction of access roads to the Remnant Deposits and to submit a design for the in-place containment of the Remnant Deposits incorporating the NYSDEC-prepared design, plus any EPA-approved refinements to that design. EPA also issued a September 27, 1989 Administrative Order to the company requiring the company to construct and maintain the access roads to the Remnant Deposits. The company constructed the in-place containment of the Remnant Deposits under a 1990 Consent Decree with EPA. EPA will evaluate the need for further remedial action for the Remnant Deposits after completion of a 5-year review of the Remnant Deposit containment remedy, performed pursuant to CERCLA ?121(c). The company's manufacturing plants in Hudson Falls and Fort Edward are listed under the New York State Inactive Hazardous Waste Disposal Sites Remedial program. The company currently is conducting remedial activities near the Hudson Falls and Fort Edward plants pursuant to Orders on Consent with NYSDEC. The company has thus far declined to implement the January 2000 NYSDEC Record of Decision for the Fort Edward plant Outfall 004. The NYSDEC is conducting the remedial design for that ROD. As one of America's great rivers, the Hudson has played and will continue to play a major role in the history, culture, and economy of the area. The Hudson has been designated an American Heritage River because of its important role in American history and culture. Current and reasonably-anticipated future land use and surface water use are described below. Current land use includes a variety of residential, commercial and industrial activities. Use of the river and lands surrounding the river are projected to remain the same. At this time, no changes in future land use are known, nor are any new uses expected. The Site passes through 14 different counties as the river flows to its final discharge point in New York Harbor. Four counties (Albany, Washington, Rensselaer, and Saratoga) lie adjacent to the more highly contaminated portions (areas of proposed active remediation in River Sections 1, 2 and 3) of the Upper Hudson River between Troy (Federal Dam) and Hudson Falls. Within these four counties, forests and farmlands surround urban centers and historic villages. There are apple orchards and dairy farms, parks, nature preserves and gardens. In addition to the GE Hudson Falls and Fort Edward plants, the area is home to technology companies, oil service companies and food companies. Saratoga and Washington Counties have experienced population growth between 1990 and 1999 of 10.2 percent and 1.4 percent, respectively, while Rensselaer and Albany Counties have experienced population declines of 1.9 percent and 0.3 percent, respectively. Total population of these four counties, according to July 1999 estimates by the US Department of Commerce Bureau of the Census, is just under 700,000. Warren County, in which the City of Glens Falls is located, has a population of just over 60,000 and is just to the northwest of the Hudson River PCBs Site. A Record of Decision (ROD) addressing operable unit 1 (OU 01) was completed in September 1984. A Record of Decision addressing OU 2 was completed in February 2002.

CERCLIS Assessment History:

Action Code:	001
Action:	DISCOVERY
Date Started:	/ /
Date Completed:	07/01/83
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

HUDSON RIVER PCBS (Continued) **1000384273**

Action Code:	001
Action:	SITE INSPECTION
Date Started:	08/01/83
Date Completed:	09/01/83
Priority Level:	Higher priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	PRELIMINARY ASSESSMENT
Date Started:	/ /
Date Completed:	09/01/83
Priority Level:	Low priority for further assessment
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	PROPOSAL TO NATIONAL PRIORITIES LIST
Date Started:	/ /
Date Completed:	09/08/83
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	NATIONAL PRIORITIES LIST RESPONSIBLE PARTY SEARCH
Date Started:	/ /
Date Completed:	11/15/83
Priority Level:	Search Complete, Viable PRPs
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	FINAL LISTING ON NATIONAL PRIORITIES LIST
Date Started:	/ /

HUDSON RIVER PCBS (Continued) **1000384273**

Date Completed: 09/21/84
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 03/30/84
Date Completed: 09/25/84
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 09/25/84
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 10/27/83
Date Completed: 09/28/84
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTATIVE/VOLUNTARY COST RECOVERY
Date Started: / /
Date Completed: 05/04/88
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement

HUDSON RIVER PCBS (Continued) **1000384273**

Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMEDIAL DESIGN
Date Started: 02/02/89
Date Completed: 06/05/89
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Original Action Take Over

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 06/09/89
Date Completed: 09/27/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 06/09/89
Date Completed: 09/27/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 09/27/89
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 09/27/89
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 03/03/89
Date Completed: 04/06/90
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Alternate
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL DESIGN
Date Started: 09/28/84
Date Completed: 05/18/90
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: State, Fund Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Original Action Take Over

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Lodged By DOJ
Date Started: / /
Date Completed: 05/18/90
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001

HUDSON RIVER PCBS (Continued) **1000384273**

Action:	CONSENT DECREE
Date Started:	04/06/90
Date Completed:	07/21/90
Priority Level:	Not reported
Operable Unit:	REMNANT DEPOSIT CAPPING
Primary Responsibility:	Federal Enforcement
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	REMOVAL ASSESSMENT
Date Started:	04/17/90
Date Completed:	08/21/90
Priority Level:	Stabilized
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	09/27/89
Date Completed:	09/28/90
Priority Level:	Not reported
Operable Unit:	REMNANT DEPOSIT CAPPING
Primary Responsibility:	Responsible Party
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	New Action Resulting from Take Over

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started:	03/12/90
Date Completed:	10/04/90
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Alternate
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started:	05/18/89
Date Completed:	01/07/91
Priority Level:	Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: New Action Resulting from Take Over

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 10/13/89
Date Completed: 09/29/92
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 09/28/90
Date Completed: 09/29/92
Priority Level: Not reported
Operable Unit: REMNANT DEPOSIT CAPPING
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMOVAL ASSESSMENT
Date Started: 11/19/92
Date Completed: 12/01/92
Priority Level: Stabilized
Operable Unit: ROGER'S ISLAND
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: COMFORT/STATUS LETTER
Date Started: / /
Date Completed: 11/02/98
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: REMOVAL ASSESSMENT
Date Started: 10/14/98
Date Completed: 01/07/99
Priority Level: Not reported
Operable Unit: ROGER'S ISLAND
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: REMOVAL ASSESSMENT
Date Started: 06/03/98
Date Completed: 06/24/99
Priority Level: Not reported
Operable Unit: ROGER'S ISLAND
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Public Notice Published
Date Started: / /
Date Completed: 03/28/00
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMOVAL
Date Started: 10/06/99
Date Completed: 09/14/01
Priority Level: Stabilized
Operable Unit: ROGER'S ISLAND
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: COMBINED REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 07/25/90

HUDSON RIVER PCBS (Continued) **1000384273**

Date Completed: 02/01/02
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: RECORD OF DECISION
Date Started: / /
Date Completed: 02/01/02
Priority Level: Final Remedy Selected at Site
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: EPA Fund-Financed
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Special Notice Issued
Date Started: / /
Date Completed: 02/04/02
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: Special Notice Issued
Date Started: / /
Date Completed: 02/04/02
Priority Level: Not reported
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: Special Notice Issued
Date Started: / /
Date Completed: 02/04/02
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement

HUDSON RIVER PCBS (Continued) **1000384273**

Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 02/04/02
Date Completed: 07/23/02
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 07/23/02
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 07/23/02
Date Completed: 08/13/03
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 08/13/03
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: EXPANDED SITE INSPECTION/REMEDIAL INVESTIGATION
Date Started: / /
Date Completed: 08/31/05
Priority Level: Referred to Removal, no further Rmdl Asmt
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007
Action: REMEDIAL DESIGN/REMEDIAL ACTION NEGOTIATIONS
Date Started: 02/04/02
Date Completed: 09/06/05
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: TECHNICAL ASSISTANCE GRANT
Date Started: 09/29/95
Date Completed: 09/20/05
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: Lodged By DOJ
Date Started: / /
Date Completed: 10/06/05
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002

HUDSON RIVER PCBS (Continued) **1000384273**

Action:	COMMUNITY INVOLVEMENT
Date Started:	03/25/02
Date Completed:	11/02/06
Priority Level:	Not reported
Operable Unit:	REASSESSMENT RIVER
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Remedial
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	CONSENT DECREE
Date Started:	09/06/05
Date Completed:	11/02/06
Priority Level:	Not reported
Operable Unit:	REASSESSMENT RIVER
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	UNILATERAL ADMIN ORDER
Date Started:	/ /
Date Completed:	03/29/07
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	Federal Enforcement
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	002
Action:	STATE SUPPORT AGENCY COOPERATIVE AGREEMENT
Date Started:	02/22/91
Date Completed:	04/03/07
Priority Level:	Not reported
Operable Unit:	REASSESSMENT RIVER
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Primary
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code:	001
Action:	REMOVAL NEGOTIATIONS
Date Started:	/ /
Date Completed:	07/11/07
Priority Level:	Not reported
Operable Unit:	FLOODPLAINS OU

HUDSON RIVER PCBS (Continued) **1000384273**

Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 005
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 07/11/07
Priority Level: Not reported
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY EMERGENCY REMOVAL
Date Started: 08/24/07
Date Completed: 08/27/07
Priority Level: Cleaned up
Operable Unit: SITEWIDE
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Emergency
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 08/14/03
Date Completed: 01/25/08
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Phased Start

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: SECTION 104(E) REF LITIGATION
Date Started: 09/27/07
Date Completed: 07/28/08
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 09/05/08
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 09/05/08
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMEDIAL INVESTIGATION/FEASIBILITY STUDY NEGOTIATIONS
Date Started: 02/04/02
Date Completed: 09/08/08
Priority Level: Not reported
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: ADMINISTRATIVE ORDER ON CONSENT
Date Started: / /
Date Completed: 09/08/08
Priority Level: Not reported
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

HUDSON RIVER PCBS (Continued) **1000384273**

Action Code: 005
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 09/11/08
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 10/14/08
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 007
Action: UNILATERAL ADMIN ORDER
Date Started: / /
Date Completed: 02/03/09
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: Federal Enforcement
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: REMEDIAL ACTION
Date Started: 05/09/08
Date Completed: 11/24/09
Priority Level: Final RA Report
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Special Account Financed Action - EPA
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: REMEDIAL ACTION
Date Started: 12/04/08
Date Completed: 12/23/09

HUDSON RIVER PCBS (Continued) **1000384273**

Priority Level: Final RA Report
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Special Account Financed Action - EPA
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 006
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 08/14/03
Date Completed: 04/26/11
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMOVAL
Date Started: 09/11/07
Date Completed: 04/10/12
Priority Level: Stabilized
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Time Critical
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: FIVE-YEAR REVIEW
Date Started: / /
Date Completed: 06/01/12
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 09/06/05
Date Completed: 09/04/12
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: TECHNICAL ASSISTANCE
Date Started: 09/30/97
Date Completed: / /
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: REMEDIAL DESIGN
Date Started: 02/15/02
Date Completed: / /
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Special Account Financed Action - EPA
Planning Status: Primary
Urgency Indicator: Not reported
Action Anomaly: Other Completion Anomaly

For detailed financial records, contact EDR for a Site Report.:

Action Code: 003
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL DESIGN
Date Started: 07/23/02
Date Completed: / /
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Phased Start & Completion

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: TECHNICAL ASSISTANCE
Date Started: 07/08/03
Date Completed: / /
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REMEDIAL ACTION
Date Started: 01/19/07
Date Completed: / /

HUDSON RIVER PCBS (Continued) **1000384273**

Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Special Account Financed Action - State
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Other Start and Completion Anomaly

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: REAL PROPERTY ACQUISITION
Date Started: 02/15/08
Date Completed: / /
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Not reported
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL INVESTIGATION/FEASIBILITY STUDY
Date Started: 09/08/08
Date Completed: / /
Priority Level: Not reported
Operable Unit: FLOODPLAINS OU
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 002
Action: TECHNICAL ASSISTANCE GRANT
Date Started: 11/17/09
Date Completed: / /
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

For detailed financial records, contact EDR for a Site Report.:

Action Code: 004
Action: POTENTIALLY RESPONSIBLE PARTY REMEDIAL ACTION
Date Started: 12/31/10
Date Completed: / /
Priority Level: Not reported
Operable Unit: REASSESSMENT RIVER
Primary Responsibility: Responsible Party
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

For detailed financial records, contact EDR for a Site Report.:

Federal Register Details:

Fed Register Date:	09/21/84
Fed Register Volume:	49
Page Number:	37070
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Click this hyperlink while viewing on your computer to access
3292 additional US CERCLIS Financial: record(s) in the EDR Site Report.

RCRA-LQG:

Date form received by agency:	03/01/2012
Facility name:	GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Facility address:	446 LOCK 8 WAY HUDSON FALLS, NY 12839
EPA ID:	NYD980763841
Mailing address:	BROADWAY, BLDG 40 FORT EDWARD, NY 12828
Contact:	ROBERT G GIBSON
Contact address:	BROADWAY, BLDG 40 FORT EDWARD, NY 12828
Contact country:	US
Contact telephone:	(518) 746-5253
Contact email:	BOB.GIBSON@GE.COM
EPA Region:	02
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	GENERAL ELECTRIC COMPANY
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	04/23/2007
Owner/Op end date:	Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Owner/operator name: SEE SECTION 11 COMMENTS
Owner/operator address: Not reported
NY
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: State
Owner/Operator Type: Owner
Owner/Op start date: 05/02/2007
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/03/2010
Facility name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Classification: Large Quantity Generator

Date form received by agency: 08/29/2008
Facility name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Site name: HUDSON RIVER PCBS (ROGERS ISLAND) SUPERFUND USEPA
Classification: Large Quantity Generator

Date form received by agency: 01/01/2007
Facility name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Site name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Classification: Not a generator, verified

Date form received by agency: 01/01/2006
Facility name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Site name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Classification: Not a generator, verified

Date form received by agency: 01/01/2001
Facility name: GE HUDSON RIVER SEDIMENT REMEDIATION PROCESSING AND TRANSPORTATION FACILITY
Site name: HUDSON RIVER PCBS (ROGERS ISLAND) USEPA
Classification: Large Quantity Generator

HUDSON RIVER PCBS (Continued) **1000384273**

Hazardous Waste Summary:
Waste code: B002
Waste name: B002

Waste code: B007
Waste name: B007

Violation Status: No violations found

US ENG CONTROLS:
EPA ID: NYD980763841
Site ID: 0202229
Name: HUDSON RIVER PCBS
Address: NO STREET APPLICABLE
HUDSON RIVER, NY 12801
EPA Region: 02
County: WASHINGTON
Event Code: Not reported
Actual Date: 12/30/2001

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/25/1984
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Containment, (N.O.S.)

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/25/1984
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: No Action

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/25/1984
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Revegetation

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/25/1984
Operable Unit: 01
Contaminated Media : Sediment
Engineering Control: Slope Stabilization

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 02/01/2002
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Dewatering

Action ID: 002
Action Name: RECORD OF DECISION

HUDSON RIVER PCBS (Continued) **1000384273**

Action Completion date: 02/01/2002
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Disposal

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 02/01/2002
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Excavation

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 02/01/2002
Operable Unit: 02
Contaminated Media : Sediment
Engineering Control: Solidification/Stabilization (Ex-Situ)

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 02/01/2002
Operable Unit: 02
Contaminated Media : Surface Water
Engineering Control: Monitoring

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 02/01/2002
Operable Unit: 02
Contaminated Media : Surface Water
Engineering Control: Natural Attenuation

US INST CONTROL:
EPA ID: NYD980763841
Site ID: 0202229
Name: HUDSON RIVER PCBS
Action Name: RECORD OF DECISION
Address: NO STREET APPLICABLE
HUDSON RIVER, NY 12801
EPA Region: 02
County: WASHINGTON
Event Code: Not reported
Inst. Control: Fishing Advisory
Actual Date: 12/30/2001
Complet. Date: 02/01/2002
Operable Unit: 02
Contaminated Media : Surface Water

CONSENT:
EPA ID: NYD980763841
Site ID: 0284
Case Title: U.S.V. GENERAL ELECTRIC COMPANY (HUDSON RIVER) (EPA-SUPERFUND)
Court Num: 05-1270
District: New York, North

HUDSON RIVER PCBS (Continued) **1000384273**

Entered Date: 11/02/06
Full-text of the consent decree for this site issued by the United States District Court is available from EDR. Contact your EDR Account Executive.

ROD:
Full-text of USEPA Record of Decision(s) is available from EDR.

SPILLS:

Facility ID:	0308107
Facility Type:	ER
DER Facility ID:	278391
Site ID:	237813
DEC Region:	3
Spill Date:	10/31/2003
Spill Number/Closed Date:	0308107 / 10/31/2003
Spill Cause:	Abandoned Drums
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	6000
Investigator:	rxamato
Referred To:	Not reported
Reported to Dept:	10/31/2003
CID:	297
Water Affected:	HUDSON RIVER
Spill Source:	Unknown
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	10/31/2003
Spill Record Last Update:	11/6/2003
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ -
Spiller Company:	001
Contact Name:	PETTY OFFFICER HAWKINS
Contact Phone:	(718) 354-4121
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SMITH"10/31/03: MEG hired by USCG to remove test and dispose. Container did not leak.
Remarks:	CALL TO NRC REPORTING A 55 GALLON DRUM OF UNKNOWN PETROLEUM FLOATING - USCG IS REPOSNDING TO THE SITE

Material:

Site ID:	237813
Operable Unit ID:	874400
Operable Unit:	01
Material ID:	501630
Material Code:	0066A
Material Name:	UNKNOWN PETROLEUM
Case No.:	Not reported

HUDSON RIVER PCBS (Continued) **1000384273**

Material FA: Petroleum
Quantity: 55
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

PRP:
PRP name: DELAWARE AND HUDSON RAILWAY CO INC
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GENERAL ELECTRIC COMPANY
GOLUB PROPERTIES OF WATERVLIET INC
NEW YORK STATE CANAL CORPORATION
NIAGARA MOHAWK POWER COMPANY
TOWN OF HALFMOON NEW YORK
VILLAGE OF STILLWATER
WATER COMMISSIONERS OF THE TOWN OF WATERFORD

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1 **OLD CHAMPLAIN CANAL** **NY Spills** **S102160415**
SSW **RT. 4 NEAR EVAN STREET** **N/A**
< 1/8 **SARATOGA, NY**
0.038 mi.
198 ft.

Relative:
Higher

Actual:
111 ft.

SPILLS:
Facility ID: 9412618
Facility Type: ER
DER Facility ID: 244617
Site ID: 302774
DEC Region: 5
Spill Date: 12/20/1994
Spill Number/Closed Date: 9412618 / 1/26/1996
Spill Cause: Unknown
Spill Class: Possible release with minimal potential for fire or hazard or Known release with no damage. No DEC Response. No corrective action required.
SWIS: 4650
Investigator: MALONE
Referred To: Not reported
Reported to Dept: 12/20/1994
CID: Not reported
Water Affected: HUDSON RIVER SWAMP
Spill Source: Unknown
Spill Notifier: Federal Government
Cleanup Ceased: Not reported
Cleanup Meets Std: True
Last Inspection: 12/20/1994
Recommended Penalty: False

OLD CHAMPLAIN CANAL (Continued) **S102160415**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	12/27/1948
Spill Record Last Update:	2/20/2004
Spiller Name:	Not reported
Spiller Company:	unknown
Spiller Address:	Not reported
Spiller City,St,Zip:	NY
Spiller Company:	999
Contact Name:	Not reported
Contact Phone:	Not reported
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "KM"RFC:NO SPILL OBSERVED AT TIME OF INSPECTION.PROBABLE NATURAL OCCURING CONDITION(IE BACTERIA, ALGAE)
Remarks:	POSSIBLE BURIED DRUMS FROM OLD DUMPSITE LEAKING INTO CANAL.APPROX 36 SQ. FT AREA VISIBLE.

Material:

Site ID:	302774
Operable Unit ID:	1006243
Operable Unit:	01
Material ID:	374912
Material Code:	0064A
Material Name:	UNKNOWN MATERIAL
Case No.:	Not reported
Material FA:	Other
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

A2 **NYSDOT** **UST** **U004079076**
NNE **RT 4** **N/A**
< 1/8 **SCHUYLERVILLE, NY 12866**
0.115 mi.
606 ft. **Site 1 of 2 in cluster A**

Relative:
Higher

Actual:
102 ft.

UST:

Id/Status:	5-230677 / Unregulated
Program Type:	PBS
Region:	STATE
DEC Region:	5
Expiration Date:	N/A
UTM X:	615447.64320000005
UTM Y:	4772290.1701100003
Site Type:	Municipality (Incl. Waste Water Treatment Plants,

Affiliation Records:

Site Id:	39106
Affiliation Type:	On-Site Operator
Company Name:	NYSDOT
Contact Type:	Not reported
Contact Name:	NYSDOT
Address1:	Not reported

NYSDOT (Continued) **U004079076**

Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(518) 371-0513
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DJCREEN
Date Last Modified:	6/27/2011

Site Id:	39106
Affiliation Type:	Mail Contact
Company Name:	NYS DOT - OFC. OF TRANSP MAINT.
Contact Type:	Not reported
Contact Name:	RICHARD MCKEON
Address1:	50 WOLF ROAD
Address2:	POD 5-1
City:	ALBANY
State:	NY
Zip Code:	12232
Country Code:	001
Phone:	(518) 457-2779
EMail:	RMCKEON@DOT.STATE.NY.US
Fax Number:	Not reported
Modified By:	bxhankin
Date Last Modified:	2/3/2010

Site Id:	39106
Affiliation Type:	Emergency Contact
Company Name:	NYS DOT - EQUIPMENT MGMT DIV
Contact Type:	Not reported
Contact Name:	B. BRIGGS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(518) 584-3790
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DJCREEN
Date Last Modified:	6/27/2011

Site Id:	39106
Affiliation Type:	Facility Owner
Company Name:	NYS DOT
Contact Type:	CIVIL ENGINEER 3
Contact Name:	RICHARD MCKEON
Address1:	50 WOLF ROAD, POD 5-1
Address2:	Not reported
City:	ALBANY
State:	NY
Zip Code:	12232
Country Code:	001
Phone:	(518) 457-2779

NYSDOT (Continued) **U004079076**

EMail: Not reported
Fax Number: Not reported
Modified By: MCTIBBE
Date Last Modified: 3/27/2013

Tank Info:

Tank Number: 155
Tank ID: 102156
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1000
Install Date: 01/01/1977
Date Tank Closed: 05/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 07/01/1995
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

I00 - Overfill - None
B00 - Tank External Protection - None
D99 - Pipe Type - Other
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground

Tank Number: 156
Tank ID: 102157
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 01/01/1977
Date Tank Closed: 05/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 01
Date Test: 04/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT

NYSDOT (Continued) **U004079076**

Last Modified: 03/04/2004

Equipment Records:

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
C02 - Pipe Location - Underground/On-ground
B00 - Tank External Protection - None
D99 - Pipe Type - Other

Tank Number: 157
Tank ID: 102158
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1000
Install Date: 12/01/1947
Date Tank Closed: 05/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

B00 - Tank External Protection - None
D99 - Pipe Type - Other
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground

A3 **NYSDOT** **AST** **U003076645**
NNE **RT 4** **HIST AST** **N/A**
< 1/8 **SCHUYLERVILLE, NY 12866**
0.115 mi.
606 ft. **Site 2 of 2 in cluster A**

Relative:
Higher

Actual:
102 ft.

AST:
Region: STATE
DEC Region: 5
Site Status: Unregulated
Facility Id: 5-230677
Program Type: PBS
UTM X: 615447.64320000005
UTM Y: 4772290.1701100003

NYSDOT (Continued) **U003076645**

Expiration Date: N/A
Site Type: Municipality (Incl. Waste Water Treatment Plants,

Affiliation Records:
Site Id: 39106
Affiliation Type: On-Site Operator
Company Name: NYSDOT
Contact Type: Not reported
Contact Name: NYSDOT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (518) 371-0513
EMail: Not reported
Fax Number: Not reported
Modified By: DJCREEN
Date Last Modified: 6/27/2011

Site Id: 39106
Affiliation Type: Mail Contact
Company Name: NYS DOT - OFC. OF TRANSP MAINT.
Contact Type: Not reported
Contact Name: RICHARD MCKEON
Address1: 50 WOLF ROAD
Address2: POD 5-1
City: ALBANY
State: NY
Zip Code: 12232
Country Code: 001
Phone: (518) 457-2779
EMail: RMCKEON@DOT.STATE.NY.US
Fax Number: Not reported
Modified By: bxhankin
Date Last Modified: 2/3/2010

Site Id: 39106
Affiliation Type: Emergency Contact
Company Name: NYS DOT - EQUIPMENT MGMT DIV
Contact Type: Not reported
Contact Name: B. BRIGGS
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (518) 584-3790
EMail: Not reported
Fax Number: Not reported
Modified By: DJCREEN
Date Last Modified: 6/27/2011

Site Id: 39106
Affiliation Type: Facility Owner
Company Name: NYS DOT

NYSDOT (Continued) **U003076645**

Contact Type:	CIVIL ENGINEER 3
Contact Name:	RICHARD MCKEON
Address1:	50 WOLF ROAD, POD 5-1
Address2:	Not reported
City:	ALBANY
State:	NY
Zip Code:	12232
Country Code:	001
Phone:	(518) 457-2779
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MCTIBBE
Date Last Modified:	3/27/2013

Tank Info:

Tank Number:	1505
Tank Id:	110671
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
B01 - Tank External Protection - Painted/Asphalt Coating
K01 - Spill Prevention - Catch Basin
F05 - Pipe External Protection - Jacketed
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
C01 - Pipe Location - Aboveground
I00 - Overfill - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	08/01/1997
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/01/2006
Register:	True
Modified By:	bxhankin
Last Modified:	02/03/2010
Material Name:	Diesel

Tank Number:	USED OIL
Tank Id:	109819
Material Code:	0012
Common Name of Substance:	Kerosene [#1 Fuel Oil] (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None

NYSDOT (Continued) **U003076645**

C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
L09 - Piping Leak Detection - Exempt Suction Piping
G00 - Tank Secondary Containment - None
I00 - Overfill - None

Tank Location:	3
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/29/2008
Register:	True
Modified By:	bxhankin
Last Modified:	02/03/2010
Material Name:	Kerosene [#1 Fuel Oil] (On-Site Consumption)

HIST AST:

PBS Number:	5-230677
SWIS Code:	4150
Operator:	NYSDOT
Facility Phone:	(518) 695-6123
Facility Addr2:	Not reported
Facility Type:	OTHER
Emergency:	B. BRIGGS
Emergency Tel:	(518) 584-3790
Old PBSNO:	Not reported
Date Inspected:	Not reported
Inspector:	Not reported
Result of Inspection:	Not reported
Owner Name:	NYS DOT - EQUIPMENT MGMT DIV
Owner Address:	1220 WASHINGTON AVE., BLD#5, RM 219
Owner City,St,Zip:	ALBANY, NY 12232
Federal ID:	Not reported
Owner Tel:	(518) 457-2875
Owner Type:	State Government
Owner Subtype:	02
Mailing Contact:	MR. JOSEPH DARLING
Mailing Name:	NYS DOT - EQUIPMENT MGMT DIV
Mailing Address:	1220 WASHINGTON AVENUE
Mailing Address 2:	STATE CAMPUS BLDG #5, ROOM219
Mailing City,St,Zip:	ALBANY, NY 12232-0319
Mailing Telephone:	(518) 457-2875
Owner Mark:	First Owner
Facility Status:	1 - Active PBS facility, i.e. total capacity of the PBS tanks is greater than 1,100 gallons, regardless if Subpart 360-14 tanks exist or not at the facility.
Certification Flag:	False
Certification Date:	03/03/1998
Expiration:	03/24/2002
Renew Flag:	False

NYSDOT (Continued) **U003076645**

Renew Date:	11/13/2001
Total Capacity:	2500
FAMT:	True
Facility Screen:	No Missing Data
Owner Screen:	Minor Data Missing
Tank Screen:	No Missing Data
Dead Letter:	False
CBS Number:	Not reported
Town or City:	SARATOGA
County Code:	41
Town or City Code:	50
Region:	5
Tank ID:	USED OIL
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Tank Status:	In Service
Install Date:	Not reported
Capacity (Gal):	500
Product Stored:	USED OIL
Tank Type:	Steel/carbon steel
Tank Internal:	0
Tank External:	0
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	0
Tank Containment:	None
Leak Detection:	0
Overfill Protection:	0
Dispenser Method:	Suction
Date Tested:	Not reported
Next Test Date:	Not reported
Missing Data for Tank:	No Missing Data
Date Closed:	Not reported
Test Method:	Not reported
Deleted:	False
Updated:	True
SPDES Number:	Not reported
Lat/Long:	Not reported

B4 **MUZIKAR OIL** **LTANKS** **S100159747**
North **ROUTES 4/32** **N/A**
1/4-1/2 **SCHUYLERVILLE, NY**
0.297 mi.
1567 ft. **Site 1 of 2 in cluster B**

Relative:
Higher

Actual:
110 ft.

LTANKS:

Site ID:	326354
Spill Number/Closed Date:	8900920 / 7/17/1989
Spill Date:	5/1/1989
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	7/17/1989
Cleanup Meets Standard:	True
SWIS:	4650
Investigator:	CATRICALLA

MUZIKAR OIL (Continued) **S100159747**

Referred To:	Not reported
Reported to Dept:	5/1/1989
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	5/10/1989
Spill Record Last Update:	2/23/2006
Spiller Name:	Not reported
Spiller Company:	MUSIKAR OIL
Spiller Address:	ROUTE 4/32
Spiller City,St,Zip:	SCHUYLERVILLE, NY 12871-
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	5
DER Facility ID:	262911
DEC Memo:	05/01/89: FUMES/GAS IN BASEMENT CAUSED FIRE DEP'T TO EXCAVATE HOUSE. 05/04/89: CONTAMINED WATER IN BASEMENT, EXCAVATION PUMPED THRU CARBON FILTERS, DISCHARGES INTO SANITARY SEWER. 05/05/89: 5 TANKS, APPROXIMATELY 20 LOADS OF SOIL REMOVED.05/09/89: 3 TANKS INSTALLED ALONG WITH SOIL VENT SYSTEM AND RECOVERY WELL, CONCRETE HOLDING TANK WAS INSTALLED TO CONTAIN RUNOFF FROM AST'S.06/01/89: RECOVERY WELL SAMPLED WEEKLY UNTIL CLEAN, SEE FILE.
Remarks:	GAS ODORS IN SEWER TRACED TO STATION. HOUSE NEXT STORE GAS/WATER IN BASEMENT. DIGGING AROUND TANKS INDICATED GAS SOAKED SOIL, 2 TANKS TESTED AND 5 REMOVED.

Material:

Site ID:	326354
Operable Unit ID:	927475
Operable Unit:	01
Material ID:	452240
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

B5 **NYSDOT/OGS** **LTANKS** **S100153314**
North **ROUTE 4 & ROUTE 32** **N/A**
1/4-1/2 **WATERFORD, NY**
0.297 mi.
1567 ft. **Site 2 of 2 in cluster B**

Relative:
Higher

Actual:
110 ft.

LTANKS:

Site ID:	214144
Spill Number/Closed Date:	9106010 / 11/16/1992
Spill Date:	9/4/1991
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	11/16/1992
Cleanup Meets Standard:	True
SWIS:	4654
Investigator:	SELALOND
Referred To:	Not reported
Reported to Dept:	9/4/1991
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	9/13/1991
Spill Record Last Update:	4/5/2000
Spiller Name:	J. JANEZAK
Spiller Company:	NYSDOT
Spiller Address:	Not reported
Spiller City,St,Zip:	ZZ
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	5
DER Facility ID:	203070
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "SL"
Remarks:	Isolate and retest.

Material:

Site ID:	214144
Operable Unit ID:	960346
Operable Unit:	01
Material ID:	421762
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

NYSDOT/OGS (Continued) **S100153314**

Tank Test:

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6 **STEWART'S** **LTANKS** **S105054073**
North **BROAD STREET** **N/A**
1/4-1/2 **SCHUYLERVILLE, NY**
0.374 mi.
1974 ft.

Relative:
Higher

Actual:
113 ft.

LTANKS:

Site ID:	185801
Spill Number/Closed Date:	9414255 / 7/19/1996
Spill Date:	11/10/1993
Spill Cause:	Tank Overfill
Spill Source:	Gasoline Station
Spill Class:	Known release that creates a file or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	4600
Investigator:	AWSTEMP
Referred To:	Not reported
Reported to Dept:	1/27/1995
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	1/27/1995
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1/30/1995
Spill Record Last Update:	5/21/2001
Spiller Name:	Not reported
Spiller Company:	STEWART'S
Spiller Address:	PO BOX 435
Spiller City,St,Zip:	SARATOGA SPRINGS, NY 12866
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	5
DER Facility ID:	85010
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "AS"- PH01/30/95: TRYING TO TRACE MTBE PLUME WHICH SEEMS TO BE COMING FROM STEWART'S. SOME OFFSITE RECEPTORS. 7/19/96: MTBE DROPPED OFF AFTER OVERFILL CONTAINMENT RETROFIT.
Remarks:	CONTAMINATION ON AND OFF PROPERTY. SOME WELLS HAVE MTBE ONLY.

Material:

Site ID:	185801
Operable Unit ID:	1007824
Operable Unit:	01
Material ID:	373000
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum

STEWART'S (Continued) **S105054073**

Quantity: 0
Units: Gallons
Recovered: No
Resource Affected: Not reported
Oxygenate: False

Tank Test:

C7 **GETTY GAS STATION** **LTANKS** **S103557888**
North **ROUTE 4** **N/A**
1/4-1/2 **NORTHUMBERLAND, NY**
0.463 mi.
2446 ft. **Site 1 of 2 in cluster C**

Relative: Higher

Actual: 123 ft.

LTANKS:
Site ID: 231801
Spill Number/Closed Date: 9412461 / 12/23/1994
Spill Date: 12/13/1994
Spill Cause: Tank Overfill
Spill Source: Tank Truck
Spill Class: Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased: 12/23/1994
Cleanup Meets Standard: True
SWIS: 4646
Investigator: HETZLER
Referred To: Not reported
Reported to Dept: 12/14/1994
CID: Not reported
Water Affected: Not reported
Spill Notifier: Citizen
Last Inspection: 12/16/1994
Recommended Penalty: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 12/23/1994
Spill Record Last Update: 10/8/1998
Spiller Name: BOB PECK
Spiller Company: ARG TRUCKING
Spiller Address: Not reported
Spiller City,St,Zip: ZZ
Spiller County: 001
Spiller Contact: SANDI MARKS (OWNER)
Spiller Phone: (212) 682-9840
Spiller Extention: Not reported
DEC Region: 5
DER Facility ID: 191010
DEC Memo: Prior to Sept, 2004 data translation this spill Lead_DEC Field was "PH"
Remarks: ARG Trucking overfilled UST. 4-5 gallons ran out of fill hose, leaked onto pavement. ARG used pads and speedi-dri. ARG did not notify DEC of spill.

Material:
Site ID: 231801
Operable Unit ID: 1006103

GETTY GAS STATION (Continued) **S103557888**

Operable Unit:	01
Material ID:	374769
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

C8 **GETTY SERVICE STATION** **LTANKS** **S100176979**
North **GETTY/118 BROADWAY** **N/A**
1/4-1/2 **SCHUYLERVILLE, NY**
0.466 mi.
2461 ft. **Site 2 of 2 in cluster C**

Relative:
Higher

Actual:
110 ft.

LTANKS:

Site ID:	251965
Spill Number/Closed Date:	9108674 / 11/15/1991
Spill Date:	11/13/1991
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station
Spill Class:	Possible release with minimal potential for fire or hazard or Known release with no damage. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	11/15/1991
Cleanup Meets Standard:	True
SWIS:	4600
Investigator:	OATMAN
Referred To:	Not reported
Reported to Dept:	11/13/1991
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	11/15/1991
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	11/20/1991
Spill Record Last Update:	4/8/1999
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller City,St,Zip:	NN
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	5
DER Facility ID:	206464
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "HO"

GETTY SERVICE STATION (Continued) **S100176979**

Remarks: Leak in two lines. System is shut down for testing.

Material:

Site ID:	251965
Operable Unit ID:	962725
Operable Unit:	01
Material ID:	420800
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

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9 **VICTORY SPECIALTY PACKAGING INC.** **NY Spills** **S108058622**
WSW **42 GATES AVE** **BROWNFIELDS** **N/A**
1/4-1/2 **VICTORY, NY 12866**
0.473 mi.
2495 ft.

Relative:
Higher

Actual:
176 ft.

SPILLS:

Facility ID:	0604327
Facility Type:	ER
DER Facility ID:	317285
Site ID:	367278
DEC Region:	5
Spill Date:	7/18/2006
Spill Number/Closed Date:	0604327 / 7/18/2006
Spill Cause:	Other
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	4650
Investigator:	SXPASZKO
Referred To:	Not reported
Reported to Dept:	7/18/2006
CID:	410
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/18/2006
Spill Record Last Update:	7/19/2006
Spiller Name:	DAN WOLF
Spiller Company:	DAN'S HAULING
Spiller Address:	Not reported
Spiller City,St,Zip:	TROY, NY

VICTORY SPECIALTY PACKAGING INC. (Continued) **S108058622**

Spiller Company:	001
Contact Name:	MARTIN MITTELMARK
Contact Phone:	(518) 580-1417
DEC Memo:	RFC: This site is being handled under BCP. ID Number C546047. Project manager for the site aware of the situation and will be handling it. NRC report is in EDOCS.
Remarks:	CALLER REPORTS 18 WHEELER DUMPED ASBESTOS LADEN MATERIALS ON DEMOLITION SITE: CALLER HAS PICTURES FROM 7/17/2006 SHOWING SITE COMPLETELY CLEANED UP AS PROOF OF TIME OF DUMPING: STATE POLICE WERE CONTACTED:

Material:

Site ID:	367278
Operable Unit ID:	1125195
Operable Unit:	01
Material ID:	2114717
Material Code:	0026A
Material Name:	ASBESTOS
Case No.:	01332214
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	1203490
Facility Type:	ER
DER Facility ID:	420649
Site ID:	466309
DEC Region:	5
Spill Date:	7/11/2012
Spill Number/Closed Date:	1203490 / 7/11/2012
Spill Cause:	Equipment Failure
Spill Class:	Known release that creates potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	4650
Investigator:	AJFRANK
Referred To:	Not reported
Reported to Dept:	7/11/2012
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Major Facility > 400,000 gal
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	7/11/2012
Spill Record Last Update:	7/11/2012
Spiller Name:	BILL LLOID
Spiller Company:	VILLAGE OF VICTORY

VICTORY SPECIALTY PACKAGING INC. (Continued) **S108058622**

Spiller Address:	42 GATES DR
Spiller City,St,Zip:	VICTORY, NY
Spiller Company:	999
Contact Name:	BILL LLOID
Contact Phone:	518378-2208
DEC Memo:	07/11/12: Forwarded for Div. of Water for follow-up.RFC = no further spill response activity involved.
Remarks:	loss appears to have occurring for awhile

Material:

Site ID:	466309
Operable Unit ID:	1216315
Operable Unit:	01
Material ID:	2214493
Material Code:	0062A
Material Name:	RAW SEWAGE
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Facility ID:	1008180
Facility Type:	ER
DER Facility ID:	396681
Site ID:	441651
DEC Region:	5
Spill Date:	11/4/2010
Spill Number/Closed Date:	1008180 / 12/23/2010
Spill Cause:	Equipment Failure
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
SWIS:	4650
Investigator:	SXPASZKO
Referred To:	Not reported
Reported to Dept:	11/4/2010
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	11/4/2010
Spill Record Last Update:	12/23/2010
Spiller Name:	DENISE WILLIAMS
Spiller Company:	HARMONY MILLS
Spiller Address:	4 GATES AVE
Spiller City,St,Zip:	VICTORY, NY

VICTORY SPECIALTY PACKAGING INC. (Continued) **S108058622**

Spiller Company: 999
Contact Name: DENISE WILLIAMS
Contact Phone: (518) 744-5364
DEC Memo: RFC: UST was removed. Spill addressed under the PBS Consent Order. Low level residual odor - closed does notmeet standards.
Remarks: While removing tank soil contamination was found due to possibly when the lines were disconnected.Steve Paszko was on scene. Clean up and removal scheduled for Monday.

Material:
Site ID: 441651
Operable Unit ID: 1192201
Operable Unit: 01
Material ID: 2187429
Material Code: 0001A
Material Name: #2 Fuel Oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: False

Tank Test:

BROWNFIELDS:
Program: BCP
Site Code: 58236
Site Description: The former Victory Specialty Products mill is located on Gates Avenue in the Village of Victory Mills, Saratoga County. The site encompasses approx. 10 acres along the western bank of Fish Creek. The most prominent site feature is the large 5 story, 256,000 sq ft building. The site is currently inactive, although some minor cosmetic improvements and repairs are ongoing. Environmental site assessments identified low level PCB containing sediments in an abandon septic system. Additionally, on-site petroleum storage and handling also occurred at the facility. Due to non-compliance, the Brownfield Cleanup Agreement was terminated by the Department on October 23, 2007.
Env Problem: Preliminary site assessments identified PCB, inorganic metals and chlorinated solvent contamination.
Health Problem: Not reported

D10 **SCHUYLER YACHT BASIN** **LTANKS** **U000384284**
NNE **1 FERRY ST** **UST** **N/A**
1/4-1/2 **SCHUYLERVILLE, NY 12871**
0.485 mi.
2563 ft. **Site 1 of 2 in cluster D**

Relative:
Lower

Actual:
90 ft.

LTANKS:
Site ID: 230335
Spill Number/Closed Date: 0445076 / 11/16/2004
Spill Date: 9/3/2004
Spill Cause: Tank Failure
Spill Source: Commercial/Industrial

SCHUYLER YACHT BASIN (Continued) **U000384284**

Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	Not reported
Cleanup Meets Standard:	False
SWIS:	5800
Investigator:	MJDIPIET
Referred To:	Not reported
Reported to Dept:	9/15/2004
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	11/9/2004
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	9/22/2004
Spill Record Last Update:	11/16/2004
Spiller Name:	JUDITH DEAN
Spiller Company:	SCHUYLER YACHT BASIN
Spiller Address:	1 FERRY STREET
Spiller City,St,Zip:	SCHUYLERVILLE, NY 12871-
Spiller County:	001
Spiller Contact:	JUDITH DEAN
Spiller Phone:	(518) 695-3193
Spiller Extention:	Not reported
DEC Region:	5
DER Facility ID:	189832
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "MD"09/15/04: Received tank closure report from Raybrook. Two 1K tanks (diesel/gasoline) were removed with no evidence of leakage. Tanks were old and pitted but no holes were seen. Report indicated low level SVOCs in sidewall samples. Three compounds slightly/moderately above 4046. Need to do site visit.11/09/04: Inspected site. No further action letter will be prepared. Little or no likelyhood for environmental or human health impacts.RFC: Closed DNMS.
Remarks:	Caller received report for tank removal with data indicating release of petroleum. Contacted DEC for advice, and spill reported.

Material:

Site ID:	230335
Operable Unit ID:	890537
Operable Unit:	01
Material ID:	485512
Material Code:	0008
Material Name:	Diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

SCHUYLER YACHT BASIN (Continued) **U000384284**

UST:
Id/Status: 5-228680 / Active
Program Type: PBS
Region: STATE
DEC Region: 5
Expiration Date: 2017/07/07
UTM X: 615878.15286000003
UTM Y: 4772756.9738699999
Site Type: Retail Gasoline Sales

Affiliation Records:
Site Id: 38937
Affiliation Type: Facility Owner
Company Name: JUDITH SCHMIDT-DEAN
Contact Type: OWNER / OPERATOR
Contact Name: JUDITH SCHMIDT-DEAN
Address1: 1 FERRY ST
Address2: Not reported
City: SCHUYLERVILLE
State: NY
Zip Code: 12871
Country Code: 001
Phone: (518) 695-3193
EMail: Not reported
Fax Number: Not reported
Modified By: rbmulvey
Date Last Modified: 12/12/2012

Site Id: 38937
Affiliation Type: Mail Contact
Company Name: SCHUYLER YACHT BASIN
Contact Type: Not reported
Contact Name: MS. JUDITH SCHMIDT-DEAN
Address1: 1 FERRY ST
Address2: Not reported
City: SCHUYLERVILLE
State: NY
Zip Code: 12871
Country Code: 001
Phone: (518) 695-3193
EMail: PDEAN1@ALBANY.TWCBC.COM
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 4/17/2012

Site Id: 38937
Affiliation Type: On-Site Operator
Company Name: SCHUYLER YACHT BASIN
Contact Type: Not reported
Contact Name: JUDITH SCHMIDT-DEAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (518) 695-3193

SCHUYLER YACHT BASIN (Continued) **U000384284**

EMail: Not reported
Fax Number: Not reported
Modified By: RLREYELL
Date Last Modified: 3/26/2008

Site Id: 38937
Affiliation Type: Emergency Contact
Company Name: JUDITH SCHMIDT-DEAN
Contact Type: Not reported
Contact Name: JUDITH SCHMIDT-DEAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (518) 695-3193
EMail: Not reported
Fax Number: Not reported
Modified By: RLREYELL
Date Last Modified: 3/26/2008

Tank Info:

Tank Number: 001
Tank ID: 102387
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1000
Install Date: 12/01/1956
Date Tank Closed: 11/16/2004
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: RLREYELL
Last Modified: 03/26/2008

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
B00 - Tank External Protection - None

Tank Number: 002

SCHUYLER YACHT BASIN (Continued) **U000384284**

Tank ID: 102388
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1000
Install Date: 12/01/1956
Date Tank Closed: 11/16/2004
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: RLREYELL
Last Modified: 03/26/2008

Equipment Records:
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
B00 - Tank External Protection - None

Tank Number: 003-A
Tank ID: 173066
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 3000
Install Date: 12/01/1956
Date Tank Closed: 10/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 11/01/1986
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser

SCHUYLER YACHT BASIN (Continued) **U000384284**

I00 - Overfill - None
H04 - Tank Leak Detection - Groundwater Well
B00 - Tank External Protection - None

Tank Number:	003A
Tank ID:	173065
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	07/01/1992
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	21
Date Test:	11/13/2011
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	rbmulvey
Last Modified:	12/12/2012

Equipment Records:

K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
F02 - Pipe External Protection - Original Sacrificial Anode
B02 - Tank External Protection - Original Sacrificial Anode
B05 - Tank External Protection - Jacketed
E04 - Piping Secondary Containment - Double-Walled (Underground)
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
C03 - Pipe Location - Aboveground/Underground Combination
F01 - Pipe External Protection - Painted/Asphalt Coating
I01 - Overfill - Float Vent Valve
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Tank Number:	003B
Tank ID:	222210
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	2000
Install Date:	07/01/1992
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	21
Date Test:	11/13/2011

SCHUYLER YACHT BASIN (Continued) **U000384284**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: rbmulvey
Last Modified: 12/12/2012

Equipment Records:

K01 - Spill Prevention - Catch Basin
C03 - Pipe Location - Aboveground/Underground Combination
F01 - Pipe External Protection - Painted/Asphalt Coating
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
B05 - Tank External Protection - Jacketed
E04 - Piping Secondary Containment - Double-Walled (Underground)
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
L02 - Piping Leak Detection - Interstitial - Manual Monitoring
B02 - Tank External Protection - Original Sacrificial Anode
F02 - Pipe External Protection - Original Sacrificial Anode
G04 - Tank Secondary Containment - Double-Walled (Underground)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector

Tank Number: 004
Tank ID: 102389
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 4000
Install Date: 12/01/1956
Date Tank Closed: 11/01/1991
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 03/04/2004

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
I00 - Overfill - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

Tank Number: 005
Tank ID: 102390
Tank Status: Closed - In Place

SCHUYLER YACHT BASIN (Continued) **U000384284**

Material Name:	Closed - In Place
Capacity Gallons:	4000
Install Date:	12/01/1956
Date Tank Closed:	11/01/1991
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	03/04/2004

Equipment Records:

G00 - Tank Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
J01 - Dispenser - Pressurized Dispenser
I00 - Overfill - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None

D11 **SCHUYLERVILLE YACHT CLUB** **LTANKS** **S100160575**
NE **ROUTE 29** **N/A**
1/4-1/2 **SCHUYLERVILLE, NY**
0.491 mi.
2594 ft. **Site 2 of 2 in cluster D**

Relative:
Lower

Actual:
84 ft.

LTANKS:

Site ID:	187031
Spill Number/Closed Date:	8605163 / 12/1/1986
Spill Date:	11/12/1986
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Known release with minimal potential for fire or hazard. DEC Response. Willing Responsible Party. Corrective action taken.
Cleanup Ceased:	12/1/1986
Cleanup Meets Standard:	True
SWIS:	4600
Investigator:	GALUSHA
Referred To:	Not reported
Reported to Dept:	11/13/1986
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	11/13/1986
Recommended Penalty:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	11/21/1986
Spill Record Last Update:	3/18/1999
Spiller Name:	Not reported

SCHUYLERVILLE YACHT CLUB (Continued) **S100160575**

Spiller Company:	SCHUYLERVILLE YACHT CLUB
Spiller Address:	ROUTE 29
Spiller City,St,Zip:	SCHUYLERVILLE, NY
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	5
DER Facility ID:	275610
DEC Memo:	Prior to Sept, 2004 data translation this spill Lead_DEC Field was "RG" / / : RETEST, TANK DID NOT PASS, PUMPED IT OUT WILL REMOVE FROM SERVICE.
Remarks:	GOING TO UNCOVER TANK AND RETEST. RETEST FAILED, TANKS PUMPED OUT AND REMOVED FROM SERVICE.

Material:

Site ID:	187031
Operable Unit ID:	902364
Operable Unit:	01
Material ID:	474365
Material Code:	0009
Material Name:	Gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	0
Units:	Gallons
Recovered:	No
Resource Affected:	Not reported
Oxygenate:	False

Tank Test:

Count: 27 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GREENWICH	U004048545	TONY'S DINER	ROUTE 29 & 40	12834	UST
GREENWICH	1012186616	NYSDOT BIN 1095790	RTE 29 OVER HARTSHORN BROOK	12834	RCRA-LQG
GREENWICH	1004756254	CARMODY FORD	RTE 29 & RTE 40	12834	RCRA-CESQG, MANIFEST
GREENWICH	S108059751	US EPA	192 COUNTRY ROUTE 3	12834	MANIFEST
GREENWICH	S113917094	GEORGIA PACIFIC	COUNTY ROUTE 113 (THOMSON ROAD	12834	SHWS
GREENWICH	S110049434	HOLLINGSWORTH & VOSE CO R & D	COUNTY ROUTE 113	12834	MANIFEST
GREENWICH	1000280126	WHALEN CHEVROLET OLDSMOBILE	W MAIN ST & RTE 29 RD 4	12834	RCRA-CESQG, MANIFEST, MANIFES
GREENWICH	A100326208	KERNEL ACRES LLC	1548 STATE ROUTE 40 S BETWEEN	12834	AST
SARATOGA	1000705519	NEW YORK TELEPHONE CO	RTE 50 & RTE 67	12871	RCRA-CESQG, MANIFEST
SARATOGA COUNTY	S108058973	TAX MAP 221.-1-4.2	ROUTE 4		NY Spills
SCHUYLERVILLE	S106007937	HUDSON RIVER	ROUTE 29		NY Spills
SCHUYLERVILLE	S106001466	HYDRO ELECTRIC PLANT	ROUTE 29		NY Spills
SCHUYLERVILLE	S102233841	SCHUYLERVILLE DPW	ROUTE 29		NY Spills
SCHUYLERVILLE	S102120383	CIANBRO CORP.	ROUTE 29 BRIDGES		NY Spills
SCHUYLERVILLE	S102117879	SPEZIO'S TV CENTER	ROUTE 29		NY Spills
SCHUYLERVILLE	S102116629	ACCIDENT-ROUTE 29	ROUTE 29		NY Spills
SCHUYLERVILLE	1014399469	NYSDOT BIN 1020680	RTE 29 OVER FISH CREEK	12871	RCRA-LQG
SCHUYLERVILLE	1001968854	NYSDOT - REGION ONE BIN#: 1020670	RTE 29 OVER FISH CREEK	12208	RCRA NonGen / NLR, MANIFEST
SCHUYLERVILLE	1001028314	NYSDOT BIN 1073800	RTE 29 HUDSON RIVER	12871	RCRA NonGen / NLR
SCHUYLERVILLE	1001028313	NYSDOT BIN 4020700	RTE 29 CHAMPLAIN CANAL	12871	RCRA NonGen / NLR, MANIFEST
SCHUYLERVILLE	1000912046	FARMERS HOME ADMIN BULLARD ORCHARD	RTE 29 - 1.2 MI W OF US RTE 4	12871	RCRA NonGen / NLR
SCHUYLERVILLE	S102118049	CAPLAN TRACTOR	ROUTE 32		NY Spills
SCHUYLERVILLE	1000429010	SCHUYLERVILLE SUBSTATION	RTE 4	12871	RCRA NonGen / NLR, MANIFEST
SCHUYLERVILLE	1000191610	NYSDOT BIN 1001010	RTE 4 OVER FISHKILL CRK	12871	RCRA NonGen / NLR, MANIFEST
THOMPSON	U000381259	ITALIAN CAROUSEL	ROUTE 17 EAST @ EXIT 111 WOLFL	12834	UST
THOMSON	1000458390	NYSDOT BIN 4001020	RTE 4 OVER HUDSON RIV	12834	RCRA NonGen / NLR, MANIFEST
THOMSON	1003863532	GREENWICH P&P	COUNTY RTE 113	12881	CERC-NFRAP, MANIFEST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 01/21/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 01/09/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 78

Source: EPA
Telephone: N/A
Last EDR Contact: 01/09/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/28/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/31/2013
Date Data Arrived at EDR: 07/08/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 151

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/10/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 11/11/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 94

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 02/28/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 01/14/2014
Date Made Active in Reports: 01/28/2014
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/20/2013
Date Data Arrived at EDR: 11/21/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 95

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 02/07/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 11/13/2013
Date Data Arrived at EDR: 11/13/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 5

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/19/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Annually

VAPOR REOPENED: Vapor Intrustion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 01/01/2013
Date Data Arrived at EDR: 02/20/2013
Date Made Active in Reports: 03/15/2013
Number of Days to Update: 23

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 02/19/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Varies

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/12/2013
Date Data Arrived at EDR: 01/07/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-457-2051
Last EDR Contact: 01/06/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LTANKS: Spills Information Database

Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 02/17/2014
Date Data Arrived at EDR: 02/19/2014
Date Made Active in Reports: 03/05/2014
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 02/19/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/13/2014
Date Data Arrived at EDR: 02/14/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 10
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 29
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/21/2013
Date Data Arrived at EDR: 11/26/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 90
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 02/21/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/27/2013
Date Data Arrived at EDR: 08/27/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 66
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

State and tribal registered storage tank lists

TANKS: Storage Tank Faciliy Listing

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 12/30/2013
Date Data Arrived at EDR: 01/02/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 12/30/2013
Date Data Arrived at EDR: 01/02/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: Varies

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 12/30/2013
Date Data Arrived at EDR: 01/02/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 12/30/2013
Date Data Arrived at EDR: 01/02/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 12/30/2013
Date Data Arrived at EDR: 01/02/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 40

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/21/2013
Date Data Arrived at EDR: 11/26/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 43

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 07/30/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 129

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/13/2014
Date Data Arrived at EDR: 02/14/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 10

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 08/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 92

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 01/29/2014
Date Data Arrived at EDR: 01/29/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 42

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Registry of Engineering Controls
Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 11/13/2013
Date Data Arrived at EDR: 11/13/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 5
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 02/19/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 11/13/2013
Date Data Arrived at EDR: 11/13/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 5
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 02/19/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

RES DECL: Restrictive Declarations Listing
A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 11/18/2010
Date Data Arrived at EDR: 12/23/2010
Date Made Active in Reports: 02/11/2011
Number of Days to Update: 50
Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Agreements
New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 11/13/2013
Date Data Arrived at EDR: 11/13/2013
Date Made Active in Reports: 11/20/2013
Number of Days to Update: 7
Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 02/19/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Semi-Annually

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/17/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

State and tribal Brownfields sites

ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 11/13/2013
Date Data Arrived at EDR: 11/13/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 5

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/19/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 11/13/2013
Date Data Arrived at EDR: 11/13/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 5

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 02/19/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Semi-Annually

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/24/2013
Date Data Arrived at EDR: 09/24/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/20/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: No Update Planned

SWTIRE: Registered Waste Tire Storage & Facility List
A listing of facilities registered to accept waste tires.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 11/15/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 15

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 01/23/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Annually

SWRCY: Registered Recycling Facility List
A listing of recycling facilities.

Date of Government Version: 12/12/2013
Date Data Arrived at EDR: 01/07/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8705
Last EDR Contact: 01/06/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/04/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 65

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Quarterly

DEL SHWS: Delisted Registry Sites
A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 11/13/2013
Date Data Arrived at EDR: 11/13/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 5

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 02/19/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Annually

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 04/25/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 11/19/2013
Date Data Arrived at EDR: 11/20/2013
Date Made Active in Reports: 01/30/2014
Number of Days to Update: 71

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/03/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 52

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Annually

SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 11/19/2013
Date Data Arrived at EDR: 11/22/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 81

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 02/19/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/10/2013
Date Data Arrived at EDR: 10/02/2013
Date Made Active in Reports: 12/16/2013
Number of Days to Update: 75

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 02/06/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/11/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/25/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/05/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/26/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/28/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011
Date Data Arrived at EDR: 11/10/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/09/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 107

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/28/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/09/2014
Date Data Arrived at EDR: 01/10/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 61

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/10/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013
Date Data Arrived at EDR: 02/27/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 13

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 03/14/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 04/19/2013
Number of Days to Update: 52

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 02/28/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Biennially

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 12/09/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 61

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 03/12/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 11/01/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 11

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 03/12/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Annually

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 01/21/2014
Date Data Arrived at EDR: 01/22/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 20

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 03/17/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Varies

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 07/15/2013
Date Data Arrived at EDR: 07/17/2013
Date Made Active in Reports: 09/09/2013
Number of Days to Update: 54

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AIRS: Air Emissions Data
Point source emissions inventory data.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 11/01/2013
Date Made Active in Reports: 01/09/2014
Number of Days to Update: 69
Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING
The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 12/10/2013
Date Data Arrived at EDR: 12/26/2013
Date Made Active in Reports: 01/31/2014
Number of Days to Update: 36
Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 12/19/2013
Next Scheduled EDR Contact: 04/07/2014
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34
Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/15/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing
The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54
Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Varies

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30
Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Annually

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 12/26/2013
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Annually

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 01/13/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/15/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: N/A

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013
Date Data Arrived at EDR: 02/14/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/03/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 01/07/2014
Date Data Arrived at EDR: 01/07/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 01/06/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013
Date Data Arrived at EDR: 07/03/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 72

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/02/2014
Next Scheduled EDR Contact: 04/14/2014
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 08/13/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/10/2014
Next Scheduled EDR Contact: 05/26/2014
Data Release Frequency: Quarterly

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 01/07/2014
Date Data Arrived at EDR: 01/09/2014
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 33

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 01/06/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 01/30/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/01/2013
Date Data Arrived at EDR: 12/05/2013
Date Made Active in Reports: 02/17/2014
Number of Days to Update: 74

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 01/06/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/11/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 11/20/2013
Date Data Arrived at EDR: 12/03/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 72
Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 02/14/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 12/18/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 55

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 02/05/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Quarterly

Cortland County Storage Tank Listing
A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 12/18/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 55
Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 02/05/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: Quarterly

NASSAU COUNTY:

Registered Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 11/20/2013
Date Data Arrived at EDR: 11/22/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 81
Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 01/21/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 11/20/2013
Date Data Arrived at EDR: 11/22/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 81
Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 01/21/2014
Next Scheduled EDR Contact: 04/21/2014
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

ROCKLAND COUNTY:

Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 12/18/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 55
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County.

Date of Government Version: 12/17/2013
Date Data Arrived at EDR: 12/18/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 55
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

SUFFOLK COUNTY:

Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 07/08/2013
Date Data Arrived at EDR: 09/10/2013
Date Made Active in Reports: 11/25/2013
Number of Days to Update: 76
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 02/18/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: No Update Planned

Storage Tank Database
A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 07/08/2013
Date Data Arrived at EDR: 09/10/2013
Date Made Active in Reports: 11/25/2013
Number of Days to Update: 76
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 02/18/2014
Next Scheduled EDR Contact: 05/19/2014
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

Listing of Storage Tanks
A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 12/18/2013
Date Data Arrived at EDR: 12/19/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 54
Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Listing of Storage Tanks
A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 12/18/2013
Date Data Arrived at EDR: 12/19/2013
Date Made Active in Reports: 02/11/2014
Number of Days to Update: 54
Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/21/2014
Next Scheduled EDR Contact: 06/02/2014
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/17/2014
Next Scheduled EDR Contact: 04/28/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/24/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 12/30/2013
Date Data Arrived at EDR: 02/11/2014
Date Made Active in Reports: 03/11/2014
Number of Days to Update: 28

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/20/2014
Next Scheduled EDR Contact: 05/05/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 08/09/2013
Date Made Active in Reports: 09/27/2013
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/17/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.
Telephone: (281) 769-2247
U.S. Electric Transmission and Power Plants Systems Digital GIS Data

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

ABANDONED CHAMPLAIN CANAL
STATE GARAGE RD
SCHUYLERVILLE, NY 12871

TARGET PROPERTY COORDINATES

Latitude (North):	43.092 - 43° 5' 31.20''
Longitude (West):	73.5823 - 73° 34' 56.28''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	615385.9
UTM Y (Meters):	4771791.5
Elevation:	94 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	43073-A5 SCHUYLERVILLE, NY
Most Recent Revision:	1967

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

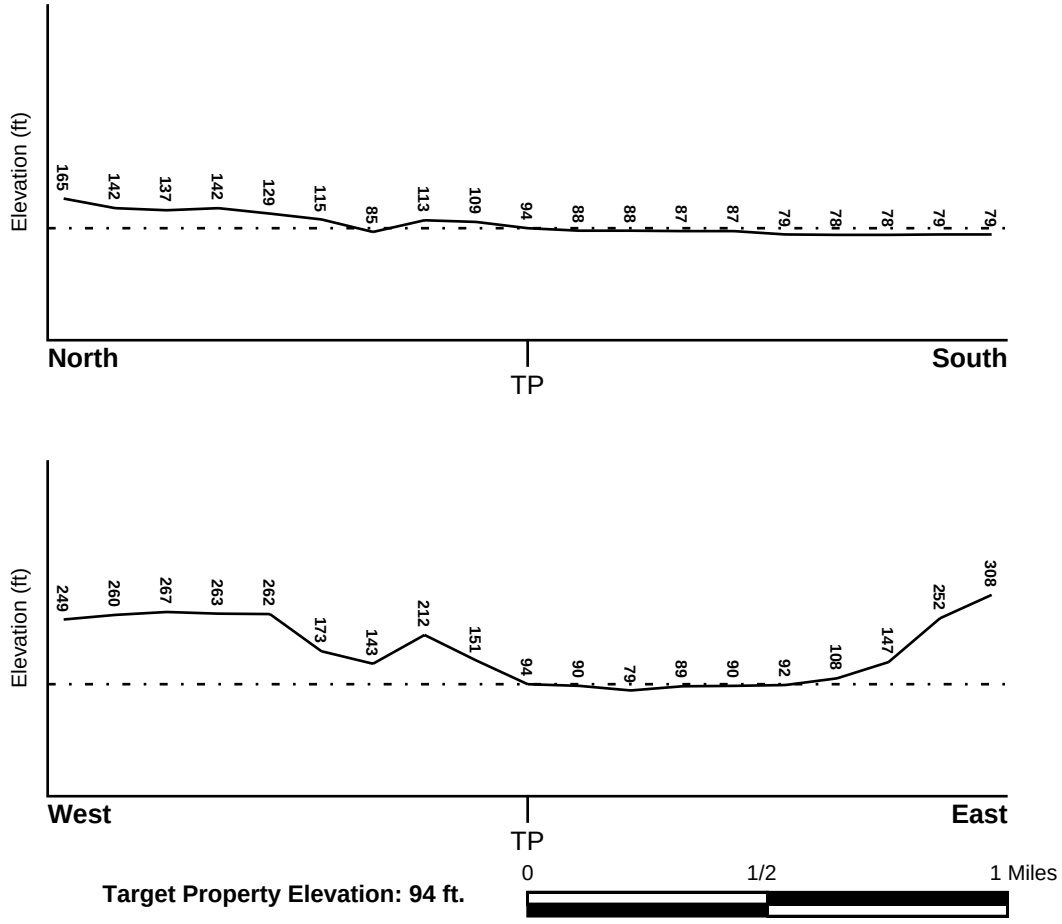
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ESE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 94 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
SARATOGA, NY	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:	36091C0479E - FEMA Q3 Flood data
Additional Panels in search area:	36091C0477E - FEMA Q3 Flood data 36091C0476E - FEMA Q3 Flood data 36091C0478E - FEMA Q3 Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SCHUYLERVILLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

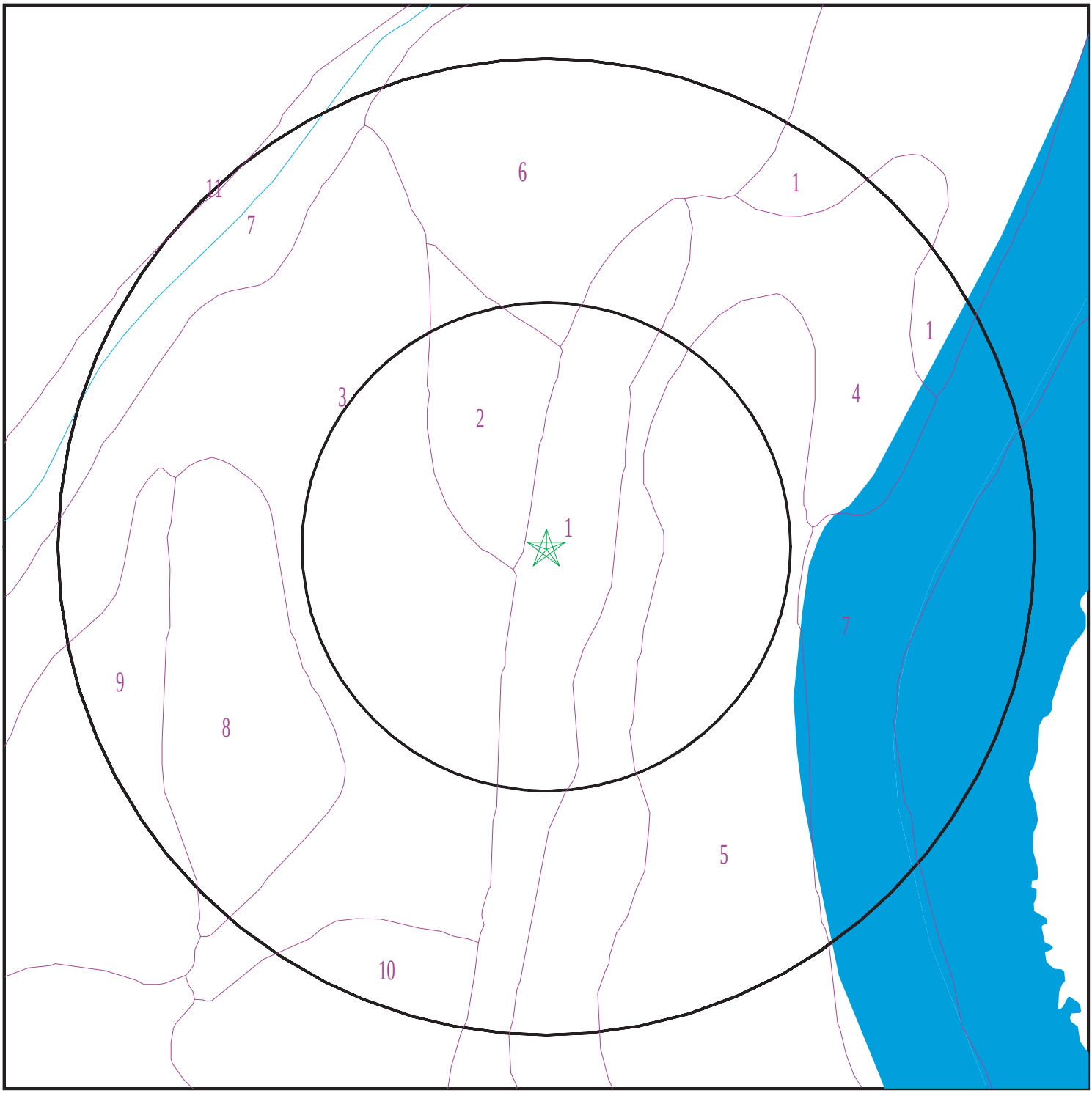
Era:	Paleozoic
System:	Ordovician
Series:	Middle Ordovician (Mohawkian)
Code:	O2 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 3889800.2s



SITE NAME:	Abandoned Champlain Canal	CLIENT:	Kane Environmental Inc.
ADDRESS:	STATE GARAGE RD Schuylerville NY 12871	CONTACT:	Maria Dunlavey
LAT/LONG:	43.092 / 73.5823	INQUIRY #:	3889800.2s
		DATE:	March 24, 2014 7:29 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Limerick

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 7 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.1
2	5 inches	44 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 7.3 Min: 5.6
3	44 inches	72 inches	loamy fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 5.6

Soil Map ID: 2

Soil Component Name: Palms

Soil Surface Texture: loamy very fine sand

Hydrologic Group: Class A/D - Drained/undrained hydrology class of soils that can be drained and are classified.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	42 inches	72 inches	loamy very fine sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 14 Min: 1.4	Max: Min:
2	0 inches	27 inches	muck	A-8	Highly organic soils, Peat.	Max: 42 Min: 1.4	Max: Min:
3	27 inches	42 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 1.4	Max: Min:

Soil Map ID: 3

Soil Component Name: Bernardston

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 54 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6 Min: 4.5
2	9 inches	25 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
3	25 inches	72 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 6 Min: 4.5

Soil Map ID: 4

Soil Component Name: Teel

Soil Surface Texture: silt loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 46 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.1
2	11 inches	38 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 5.1
3	38 inches	72 inches	very fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.8 Min: 5.6

Soil Map ID: 5

Soil Component Name: Tioga

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 137 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 7.3 Min: 5.1
2	9 inches	29 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 4	Max: 7.3 Min: 5.1
3	29 inches	72 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 4	Max: 7.8 Min: 5.6

Soil Map ID: 6

Soil Component Name: Hoosic

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 5.5 Min: 4.5
2	9 inches	18 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 14	Max: 5.5 Min: 4.5
3	18 inches	24 inches	very gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 14	Max: 5.5 Min: 4.5
4	24 inches	72 inches	stratified very gravelly sand to coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 705 Min: 141	Max: 6 Min: 4.5

Soil Map ID: 7

Soil Component Name: Water

Soil Surface Texture: gravelly sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class:
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 8

Soil Component Name: Bernardston

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 54 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6 Min: 4.5
2	9 inches	25 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
3	25 inches	72 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 6 Min: 4.5

Soil Map ID: 9

Soil Component Name: Bernardston

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 54 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6 Min: 4.5
2	9 inches	25 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
3	25 inches	72 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 6 Min: 4.5

Soil Map ID: 10

Soil Component Name: Manlius

Soil Surface Texture: channery silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 46 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 5.5 Min: 3.6
2	5 inches	20 inches	very channery silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 5.5 Min: 3.6
3	20 inches	24 inches	extremely channery silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Gravels with fines, Silty Gravel	Max: 14 Min: 4	Max: 6.5 Min: 4.5
4	24 inches	33 inches	unweathered bedrock	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:

Soil Map ID: 11

Soil Component Name: Bernardston

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 46 inches

Depth to Watertable Min: > 54 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 6 Min: 4.5
2	9 inches	25 inches	channery loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 6 Min: 4.5
3	25 inches	72 inches	channery silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 6 Min: 4.5

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000871089	1/8 - 1/4 Mile SSW
3	USGS40000871061	1/2 - 1 Mile WSW
A4	USGS40000871587	1/2 - 1 Mile NNE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A5	USGS40000871588	1/2 - 1 Mile NNE
6	USGS40000871339	1/2 - 1 Mile WNW
7	USGS40000871547	1/2 - 1 Mile NW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

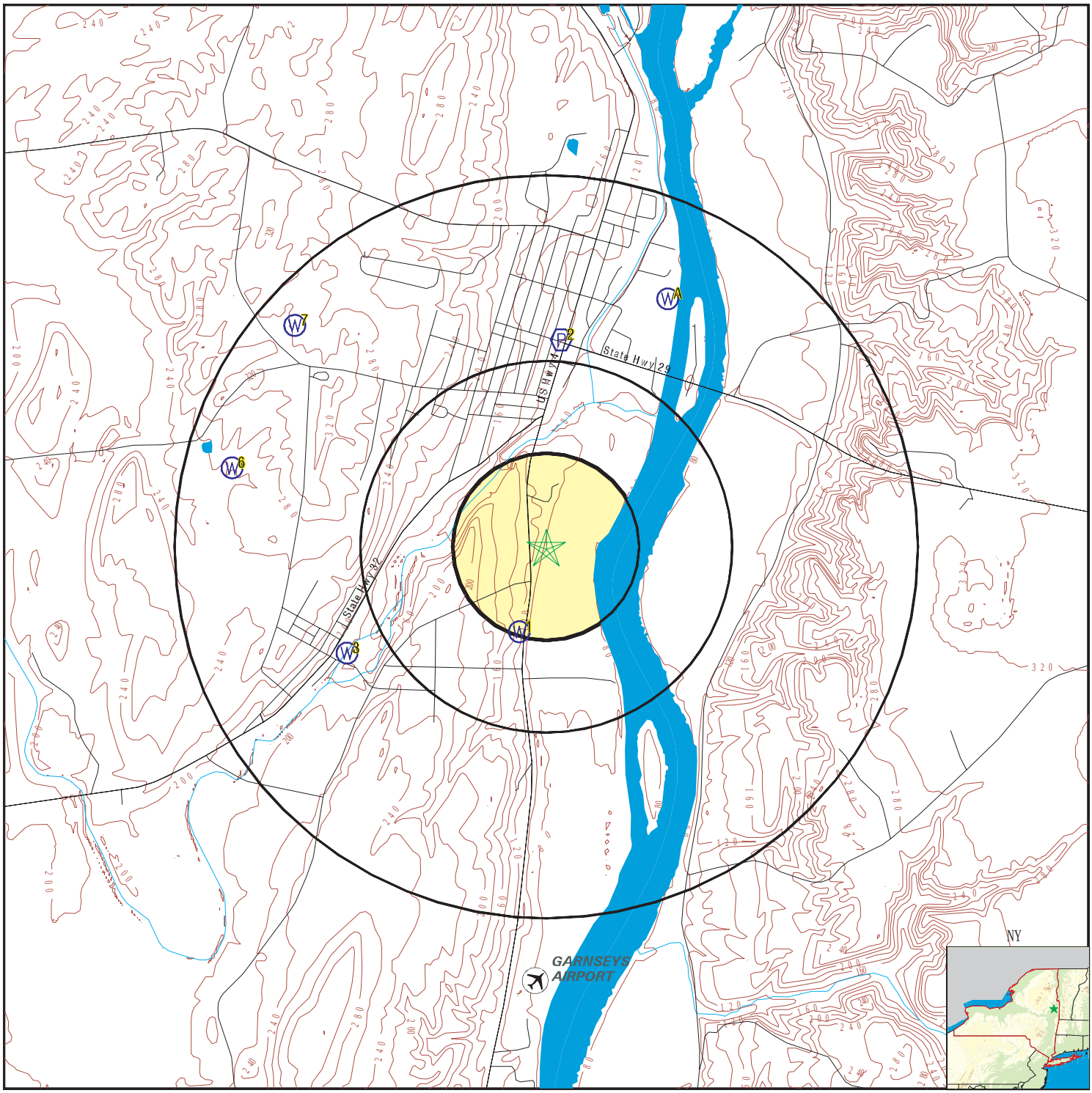
MAP ID	WELL ID	LOCATION FROM TP
2	NY0000169	1/2 - 1 Mile North

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 3889800.2s



- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Abandoned Champlain Canal	CLIENT:	Kane Environmental Inc.
ADDRESS:	STATE GARAGE RD Schuylerville NY 12871	CONTACT:	Maria Dunlavey
		INQUIRY #:	3889800.2s
LAT/LONG:	43.092 / 73.5823	DATE:	March 24, 2014 7:29 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSW **FED USGS** **USGS40000871089**
1/8 - 1/4 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-430519073350301		
Monloc name:	SA 168		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02020003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.0886867
Longitude:	-73.583727	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	120.00
Vert measure units:	feet	Vertacc measure val:	5.0
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Ordovician System		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	85
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

2
North **FRDS PWS** **NY0000169**
1/2 - 1 Mile
Higher

PWS ID:	NY0000169		
Date Initiated:	Not Reported	Date Deactivated:	Not Reported
PWS Name:	SCHUYLERVILLE-VICTORY JOINT WW 114 BROAD STREET SCHUYLERVILLE, NY 12871		
Addressee / Facility:	System Owner/Responsible Party SHERMAN JOHN J VILLAGE OF SCHUYLERVILLE 114 BROAD STREET SCHUYLERVILLE, NY 12871		
Facility Latitude:	43 06 00	Facility Longitude:	073 34 55
City Served:	SARATOGA (T)		
Treatment Class	Not Reported	Population:	Not Reported

Violations information not reported.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

3
WSW **FED USGS** **USGS40000871061**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-430516073353600		
Monloc name:	SA1258		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02020003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.0878533
Longitude:	-73.5928939	Sourcemap scale:	24000
Horiz Acc measure:	5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	Not Reported
Welldepth units:	Not Reported	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A4
NNE **FED USGS** **USGS40000871587**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-430606073343301		
Monloc name:	SA4023		
Monloc type:	Well		
Monloc desc:	VICTORY-SCHUYLERVILLE WD 1		
Huc code:	02020003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.1016667
Longitude:	-73.5758333	Sourcemap scale:	24000
Horiz Acc measure:	Unknown	Horiz Acc measure units:	Unknown
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Not Reported		

Aquifer type:	Not Reported		
Construction date:	20040421	Welldepth:	103.5
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

A5
NNE **FED USGS** **USGS40000871588**
1/2 - 1 Mile
Lower

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-430606073343302		
Monloc name:	SA4024		
Monloc type:	Well		
Monloc desc:	VICTORY-SCHUYLERVILLE WD 2		
Huc code:	02020003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.1016667
Longitude:	-73.5758333	Sourcemap scale:	24000
Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Sand and Gravel		
Aquifer type:	Not Reported		
Construction date:	20040423	Welldepth:	88.5
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

6
WNW **FED USGS** **USGS40000871339**
1/2 - 1 Mile
Higher

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-430542073355801		
Monloc name:	SA 166		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02020003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.0950754
Longitude:	-73.5990051	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	240.00
Vert measure units:	feet	Vertacc measure val:	5.0
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Ordovician System		

Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	198
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

7
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000871547**

Org. Identifier:	USGS-NY		
Formal name:	USGS New York Water Science Center		
Monloc Identifier:	USGS-430602073354601		
Monloc name:	SA 165		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	02020003	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	43.1006309
Longitude:	-73.5956717	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	300.00
Vert measure units:	feet	Vertacc measure val:	5.0
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	Not Reported		
Formation type:	Ordovician System		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	130
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

County	Town	Num Tests	Avg Result	Geo Mean	Max Result
SARATOGA	BALLSTON	266	4.25	2.47	51.5
SARATOGA	CHARLTON	78	6.4	3.87	67.1
SARATOGA	CLIFTON PARK	314	3.84	2	75.7
SARATOGA	CORINTH	17	3.65	1.9	18.5
SARATOGA	DAY	2	2.45	2.36	3.1
SARATOGA	EDINBURG	2	0.4	0.26	0.7
SARATOGA	GALWAY	26	3.58	2.37	15.1
SARATOGA	GREENFIELD	24	3.33	2.44	14.3
SARATOGA	HADLEY	18	3.76	2.44	19.8
SARATOGA	HALFMOON	59	3.98	2.05	73.2
SARATOGA	MALTA	63	5.54	3.32	41.7
SARATOGA	MECHANICVILLE	47	4.55	2.67	19.7
SARATOGA	MILTON	25	1.96	1.04	13.7
SARATOGA	MOREAU	32	3.23	2.17	23.6
SARATOGA	NORTHUMBERLAND	29	3.02	2.05	18.8
SARATOGA	PROVIDENCE	2	3.75	3.6	4.8
SARATOGA	SARATOGA	42	7.64	2.48	142.2
SARATOGA	SARATOGA SPGS.	132	3.84	2.1	49.7
SARATOGA	STILLWATER	29	4.35	1.88	27.6
SARATOGA	WATERFORD	46	4.28	2.75	20.3
SARATOGA	WILTON	31	2.36	1.46	14.4

Federal EPA Radon Zone for SARATOGA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SARATOGA COUNTY, NY

Number of sites tested: 126

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	1.100 pCi/L	93%	7%	0%
Basement	1.850 pCi/L	79%	21%	1%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

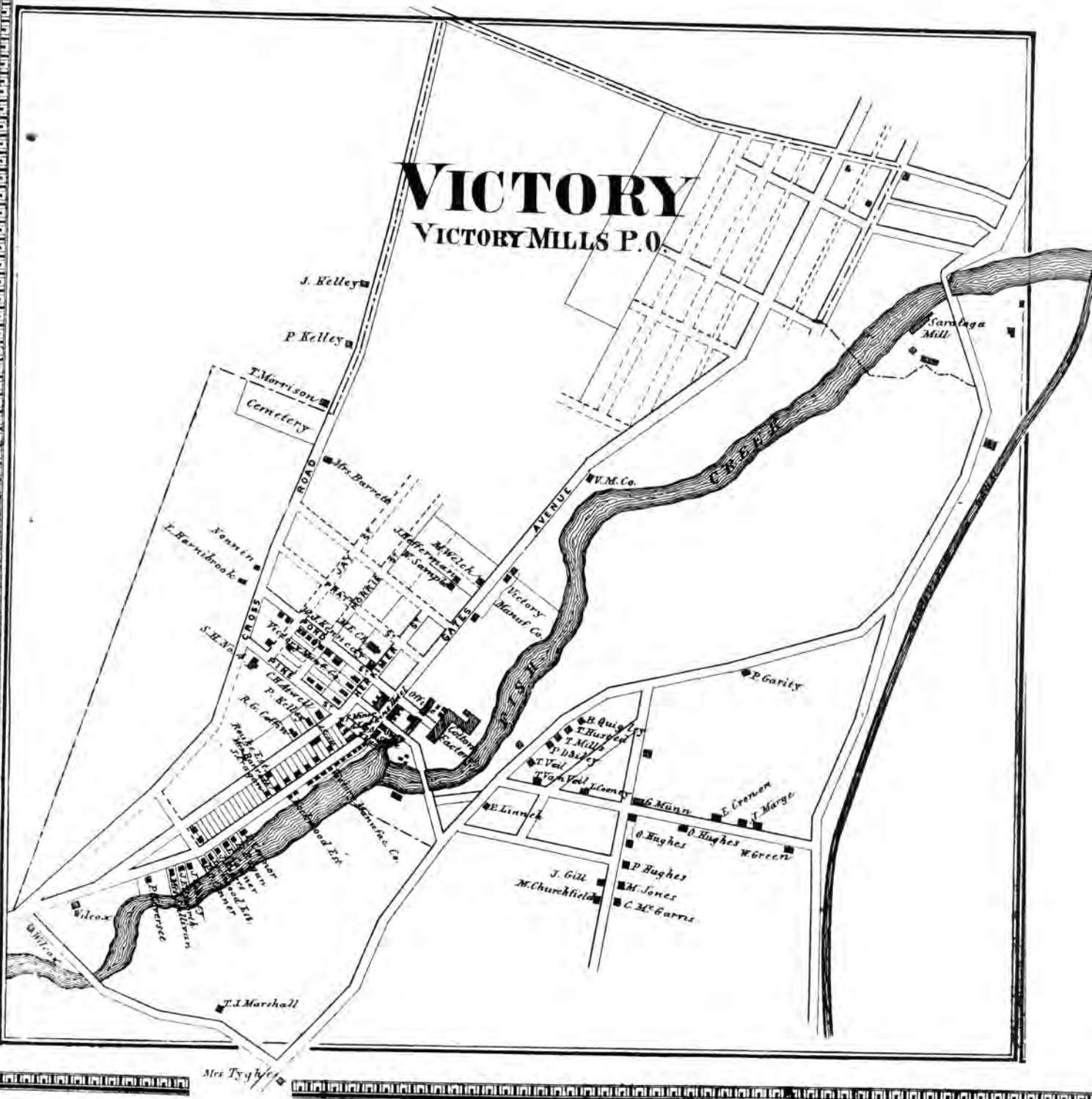
PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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ATTACHMENT D
HISTORIC MAPS

Stephen Thorn...Farmer.



REFERENCES

Blue Line No. 452 Bolt {12.3 E. from E. gauge of rail; 17.5 N.E. " trolley pole}
" " " 454 Bolt {16.6 N. " "; 4.8 E. " E. gauge of rail}
" " " 456 Bolt {14.2 E. " "; 90.3 S. " trolley pole}
" " " 458 Bolt {73.6 S. from S.E. cor. Victory store house; 29.9 E. " E. gauge of rail; 79.2 S. " S.W. cor. Victory store house}
" " " 460 Bolt {34.6 N.E. " N.E. " " " "; 38.0 S.E. " " side " " "; 8.7 " " side " " "}
" " " 462 Bolt {19.9 S. " Elm tree " " "; 15.6 S.W. " power pole (H.V.)}
" " " 464 Bolt {18.70 S.E. " S.W. cor. N.Y. express house; 19.70 S. " S.E. cor. N.Y. " "}
" " " 466 Bolt {5.3 E. from E. gauge of rail of siding; 18.1 S. " cor. fe. con. line}
" " " 468 Bolt (original) {93.2 E. from locust tree; 1.5 N. " fence}
" " " 470 Bolt (original) {3.6 W. " locust tree; 28.7 E. " fence cor.}
" " " 472 Bolt (original) {53.6 W. " Locust tree; 16.4 S.W. " twin Locust tree}
" " " 474 Bolt 33.1 E. from fence
" " " 476 Bolt 14.9 E. from pole
" " " 478 Point
" " " 480 Bolt {1.7 N. from tree; 15.5 N. " "}
" " " 482 Bolt {11.5 S. " pole; 126.4 W. " water edge}
" " " 484 Point
" " " 486 Bolt {37.6 S.E. from N.E. cor. of tool house; 14.9 W. " water surface; 23.3 S.E. " S.E. cor. tool house}
" " " 488 Bolt {62.0 N. " N.W. cor. of mill; 76.0 N.E. " N.E. cor. building}
" " " 490 Bolt {23.9 E. " elm tree; 61.0 N. " cor. of wall at wheel pit}

Blue Line No. 492 Nail in plank over flume {22.0 N. from N. foundation wall of old Paper Mill; 25.8 N.W. " N.E. cor. " " " " " "}
" " " 494 Bolt {24.4 W. from angle in old foundation; 28.3 S.E. " cor. " " "}
" " " 496 Point in race way
" " " 498 Cross cut in concrete foundation {24.2 N.E. from wall; 2.4 N.E. " " "}
" " " 500 Cross cut in concrete {15.0 W. from face of foundation; 16.2 N.W. to point at cor. of race}
" " " 502 Nail in plank {41.6 S.E. from cor. of building; 48.3 N.E. " " " "}
" " " 504 Bolt {20.05 S.E. from cor. of feed store; 1.5 N.E. " " " building}
" " " 506 Bolt {20.32 S.W. from cor. of barn; 11.7 S. " cor. of building}
" " " 508 Bolt {16.15 N. " " "; 1.5 E. from side " "; 12.5 W. from cor. of barn; 24.6 E. " " " Store}
" " " 510 Bolt {17.35 S. from cor. of "; 1.4 E. " side of "}
" " " 512 Bolt {51.9 S.W. from cor. of glass; 64.1 N. " " " "}

SARATOGA VICTORY CO.

SARATOGA VICTORY CO.

HUDSON VALLEY RAILROAD

STROVER ESTATE

FISH CREEK

Schuylerville

SARATOGA VICTORY CO.

PARCEL 1501 MAP 3172

PARCEL NOW SOLD TO JOSEPH A. SULLI 11/16/1954

1501

STROVER ESTATE

O.G.S.

Blue Line

Base 1253+99.08 to BL 486 = 123.20

Base 1253+99.08 to BL 363 = 93.35

Base 1263+40.12 to BL 480 = 122.58

Base 1272+70.12 to BL 480 = 122.58

Base 1277+86.90 to BL 486 = 123.36

Base 1275+28.26 to BL 361 = 184.33

Base 1275+11.30 = 28.40 to BL 361

Base 1267+14.85 to B.L. 375 = 87.0

Base 1253+99.08 to BL 363 = 93.35

Iron Bolt 10.5 to canal inner angle

Iron Bolt 11.6 to canal inner angle

Iron Bolt 10.8 to canal inner angle

Iron Bolt 13.5 to canal inner angle

Iron Bolt 13.5 N. of S. End of store house

Iron Bolt 13.5 to canal inner angle

Guide Line

Red 3°05' Line

Base Line

N.P. at L. 12/123/31

WM. S. OSTRANDER

GEO. HATHAWAY.

STROVER ESTATE.

Wire Spike Top of pipe

1.43 to N.E. cor.

1.43 to S.E. cor.

B.C. Mon. No. 17 Sta. 126+04.21

B.C. Mon. No. 16 Sta. 118+30.71

B.C. Mon. No. 15 Sta. 110+91.21

195°12'10" 773.56

195°46' 388.20

216°50'20" 339.50

Barge Canal Base Line 199°10' 1110.53

CONTRACT No. 73.
BARGE CANAL PARCEL No. 2550.

MAP OF A PORTION OF CHAMPLAIN CANAL LANDS BELONGING TO THE STATE, MADE PURSUANT TO CHAPTER 199, LAWS OF 1910, AND AMENDATORY LAWS

REFERENCES

Blue Line No. 357 Bolt {34.4 E. from canal; 2.6 from small butternut tree; 21.8 N. from elm tree}
" " " 359 Bolt {14.4 from butternut tree; 22.4 N.W. from " "}
" " " 361 Bolt {15.9 W. from butternut tree; 30.2 from canal}
" " " 363 Bolt 28.5 E. from edge of canal
" " " 365 Bolt {29.5 E. edge of canal; 16.04 E. from base line point}
" " " 367 Bolt 29.0 from edge of canal
" " " 369 Bolt 26.0 E. from edge of canal
" " " 371 Bolt 26.0 W. from fence
" " " 373 Bolt
" " " 375 Bolt 32.7 from edge of canal
" " " 377 Bolt {17.7 E. from fence; 37.7 E. from canal}
" " " 379 Bolt {17.0 E. from fence; 34.0 E. from canal}
" " " 381 Bolt {16.6 E. from fence; 42.3 N. from edge of canal; 68.6 N. from old S.L. wing}
" " " 383 Point in creek
" " " 385 Mark on coping stone {2.673 from cor. of step; 17.76 from N.E. cor. pier; 8.13 N.W. " S.E. " "; 3.52 N.W. from S.E. cor. of step}
" " " 387 Bolt {36.7 W. from elm tree; 34.0 N. " " "}
" " " 389 Bolt {63.9 N.W. from cotton wood tree; 29.0 E. from canal}

See Method B, Sheet B.

HUDSON RIVER

Examined and approved
Jan 31, 1917
Wm B Landreth
Deputy State Engineer and Surveyor

Approved by Chief Engineer and Acting Superintendent of Public Works
George M. Palmer
Secretary of Canal Board

Made under the direction of Edwin Hilborn
Traced by C. O. Burrus
Checked by Edwin Hilborn Asst. Engr.

Scale 1 inch = 100 feet.

TOPOGRAPHY

STATE OF NEW YORK
REPRESENTED BY THE
STATE ENGINEER AND SURVEYOR

U.S. GEOLOGICAL SURVEY
GEORGE OTIS SMITH, DIRECTOR

NEW YORK
SCHUYLERVILLE QUADRANGLE

(Luzerne) (Glens Falls) (Fort Ann)
(Saratoga) (Cambridge)
(Schenectady) (Cohoes) (Hoosick)

43°15' 73°45' 40' 35' 73°30' 43°15'
10' 5' 43°00' 73°45' 40' 35' 73°30' 43°00'

WARREN CO.
SARATOGA CO.
HUDSON RIVER
Moreau Pond
Fortsville
MOREAU
Mt. McGregor
Gansevoort
B.M. 246
Snook Kill
Wilton
Gurnspring
Mineral Spring
SARATOGA AND CHAMPLAIN DIVISION
Durkeetown
B.M.
Mineral Spring
SARATOGA CO.
WASHINGTON CO.
CANAL
Moses Kill
FORT EDWARD
Moses
Kill
Fort Miller
RENSSELAER BOUNDARY LINE
CHAMPLAIN CANAL
Tuttle Brook
Deer Creek
Cole Brook
WILTON
NORTHUMBERLAND
GREENWICH
HUDSON R.R.
DELAWARE AND
B.M. 327
Bacon Hill
Northumberland
Thomson
Bald Mountain
Bald Mt.
Clarks Mills
Batten Kill
Granger ville
Creek
Fish
SCHUYLERVILLE BRANCH
Schuylerville
BATTLE MONUMENT
Middle Falls
Greenwich
Kill
Gates
Victory Mills
F. R. R.
Meadow Brook
SARATOGA SPRINGS
FITCHBURG R.R.
Schuyler
Spring Brook
Bog Run
ELECTRIC R.R.
Lonely Lake
Saratoga Lake
(SARATOGA BRANCH)
SARATOGA LAKE
MALTA
Deans Corners
Quaker Springs
Coveville
EASTON
Willard Mt.
North Easton
Ketchums Corners
STILLWATER
SARATOGA BATTLEFIELD
Wayville

H.M. Wilson, Geographer in charge.
Triangulation by New York State Survey.
Topography by W.H. Lovell.
Surveyed in 1898, in cooperation with the State of New York.

ENGRAVED JAN. 1900 BY U.S.G.S.

Scale 1/62500
1 0 1 2 3 4 Miles
1 0 1 2 3 4 5 Kilometers
Contour interval 20 feet.
Datum is mean sea level.

Edition of April 1900, reprinted Jan. 1910.

USGS
Historical File
Topographic Division
FEB 20 1910 2574

SCHUYLERVILLE, N.Y.

U.S.G.S.
FILE COPY
Ed. Div. Topographic Maps.

U. S. G. S.
FILE COPY
Inspection and Editing.

DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY

Advance sheet.
Subject to correction.

Schuylerville, N.Y.

NEW YORK
7½′ SCHUYLERVILLE QUADRANGLE

(Gansevoort) 73° 37′ 30″ 43° 07′ 30″ — 35′ (Fort Miller) — 32′ 30″ 73° 30′ (Cambridge 42500)

NORTHUMBERLAND
GREENWICH
SCHUYLERVILLE
Grangerville
Victory Mills
Smithville
Clarks Mills
Thomson
Batten Kill
Middle Falls
Cement Mill
Greenwich
Cranberry Bog
Fogel Brook
Dead Cove
West Cove
The Cove
Coveville Sch
Quaker Springs
Fairview (P.O.)
Holmes Hill
Sch No 1
Sch No 2
Sch No 3
Sch No 4
Sch No 12
Sch No 13
Sch No 14
Western Sta Sch
Northeast Friends Meetinghouse
Wilbur Sch
Sarles Ferry (Abandoned)
Ensign Ferry (Abandoned)
Ensign
North Easton
Patten Sch
Wildlands Mtn
Whipple Hill
Whitbeck Mtn
Stillwater
Saratoga Battlefield
Champlain Canal (Abandoned)
Champlain River
Hudson River
Washington Co
Saratoga Co
Boston and Maine R.R.
U.S. Hy No 4
U.S. Hy No 29
U.S. Hy No 32
Transmission Line
Factory Road
Cheese Factory Road
Ferry Road
Saratoga Battle Monument
Greenwich Cem
St Joseph Cem
Kenyon Pond
Pierce Pond
Mud Pond
Jackson Hill
Jackson Mtn
Rogers Rock
Lock 5
(Quaker Springs) (Cohoes 42500) (Hoosick 42500)

Albert Pike, Division Engineer
Topography by R.E.Amidon
R.H.Lyddan and E.T.Fitzgerald
Culture and drainage in part compiled from aerial photographs
Control by U. S. Geological Survey and U. S. Coast and Geodetic Survey
Surveyed in 1935

APPROXIMATE MEAN DECLINATION, 1935
14° MAGNETIC NORTH — TRUE NORTH

Scale 24,000
1 0 1 2 Miles
5,000 0 5,000 10,000 Feet
Contour interval 10 feet
Datum is mean sea level

Polyconic projection. 1927 North American datum

Lyddan | Fitzgerald | Amidon

USGS
Historical File
Topographic Division

U.S.G.S.
FILE COPY
Inspection and Editing.

7½′ SCHUYLERVILLE, N.Y.

Two prints

Enlarge A to 27.333 inches (Cambridge 42500) & 1:10,000

ENLARGE A-B to A-C (5.574 inches) (13.510 inches)

5.574 inches

B

A

C

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NEW YORK
SCHUYLERVILLE QUADRANGLE

(Luzerne) (Glens Falls) (Fort Ann)

73°45' 73°30' 43°15' 43°00' 40' 35' 660000 FEET 1180000 FEET 2305000 YARDS 935000 YARDS 720000 FEET 1100000 FEET

14 MI. LAKE GEORGE 13½ MI.
5 MI. GLENS FALLS 4½ MI.

GLENS FALLS 6 MI. HUDSON FALLS 4 MI.
FORT EDWARD 1½ MI.

HADLEY 11 MI.
CORINTH 6 MI.

ALBANY 40 MI.
SARATOGA SPRINGS 7 MI.

BALLSTON SPA. 11 MI.
SARATOGA SPRINGS 4 MI.

JOHNSTOWN 35 MI.
SARATOGA SPRINGS 2 MI.

ARGYLE 5 MI.
GRANVILLE 23 MI.

CAMBRIDGE 9 MI.
BENNINGTON 29 MI.

(Saratoga) (Cambridge) (Schenectady) (Hoosick)

BEMIS HEIGHTS 2½ MI.
MECHANICVILLE 8 MI.

SCHAGHTICOKE 8 MI.
TROY (CIVIC CENTER) 18 MI.

BEMIS HEIGHTS 6 MI.
WATERFORD 20 MI.

U. S. ROUTE NO. 9 4 MI.
ROUND LAKE 7 MI.

Topography by G.E.Sisson, B.P.Taylor, C.S.Wells, R.E.Amidon, R.H.Lyddan, Shirley Waggener, G.A.Mock, W.D.Leech, and E.T.Fitzgerald
Culture and drainage in part compiled from aerial photographs
Surveyed in 1934-1935

Polyconic projection. 1927 North American datum
5000-foot grid based on U.S. zone system, A
10000-foot grid based on New York (East) transverse coordinate system

Scale 1/62500

1 0 1 2 3 Miles
1 0 1 2 3 4 Kilometers
5000 0 5000 10000 15000 20000 Feet

Contour interval 20 feet
Datum is mean sea level

APPROXIMATE MEAN DECLINATION, 1935

ROUTES USUALLY TRAVELED
HARD IMPERVIOUS SURFACES
OTHER SURFACE IMPROVEMENTS
5 U. S. ROUTE

SCHUYLERVILLE, N.Y.
Edition of 1940
N4300—W7330/15

HISTORICAL FILES
(DO NOT REMOVE)
files

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF NEW YORK
REPRESENTED BY THE
DEPARTMENT OF PUBLIC WORKS

NEW YORK
SCHUYLERVILLE QUADRANGLE
15-MINUTE SERIES

Mapped by the Geological Survey
1934, 1935
Revised 1947

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS	DRY WEATHER ROADS
Heavy-duty ——— 4 LANE | 6 LANE	Improved dirt ----
Medium-duty — — 4 LANE | 6 LANE	Unimproved dirt ------
Loose-surface, graded, or narrow hard-surface - - -	
U. S. Route ◯ State Route	

APPROXIMATE MEAN DECLINATION, 1947

SCALE 1:62500

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

Polyconic projection. 1927 North American datum
10,000-foot grid based on New York (East) rectangular coordinate system
1000-meter Universal Transverse Mercator grid ticks, zone 18, shown in blue

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1958

SCHUYLERVILLE, N.Y.
N4300—W7330/15

1947

FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

U.S.G.S.
FILE COPY
TOPOGRAPHIC DIVISION

USGS
Historical File
Topographic Division

FEB 11 1958
3565

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF NEW YORK
DEPARTMENT OF PUBLIC WORKS
CHAS. H. SELLS, SUPERINTENDENT
B. D. TALLAMY, CHIEF ENGINEER

NEW YORK
SCHUYLERVILLE QUADRANGLE
15-MINUTE SERIES

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Inspection and Editing.

U. S. G. S.
FILE COPY
Inspection and Editing.

USGS
Historical File
Topographic Division

U. S. G. S.
FILE COPY
Inspection and Editing.

APR 22 1949
4290

Mapped by the Geological Survey
1934, 1935, and 1947

Polyconic projection. 1927 North American datum
10000 foot grid based on New York (East)
rectangular coordinate system

Scale 162500

Contour interval 20 feet
Datum is mean sea level

ROAD CLASSIFICATION

HARD-SURFACE ALL WEATHER ROADS	DRY WEATHER ROADS
Heavy-duty — 4 LANE / 6 LANE	Improved dirt
Medium-duty — 4 LANE / 6 LANE	Unimproved dirt
Loose-surface, graded, or narrow hard-surface	

U. S. Route State Route

APPROXIMATE MEAN DECLINATION, 1947

SCHUYLERVILLE, N.Y.
Edition of 1949
N4300 – W7330/15

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SCHUYLERVILLE QUADRANGLE
NEW YORK
7.5 MINUTE SERIES (TOPOGRAPHIC)
SE/4 SCHUYLERVILLE 15' QUADRANGLE

6270 I NW (GANSEVOORT)
6270 II NW (COSSAYUNA)
6270 II NE (FORT MILLER)
(SCHAGHTICOKE) 6269 I NE
(MECHANICVILLE) 6269 I NW
6270 II SW (QUAKER SPRINGS)
(CAMBRIDGE) 6370 III SW
(EAGLE BRIDGE) 6369 IV NW

73°37'30" 43°07'30" 4775000m N. 613000m E. 720 000 FEET 73°30' 43°00' 4762000m N. 622000m E.

NORTHUMBERLAND
GREENWICH
SARATOGA
EASTON
STILLWATER
SARATOGA NATIONAL HISTORICAL PARK

Northumberland
Thomson
Clarks Mills
Bald Mtn
Grangerville
Schuylerville
Middle Falls
Greenwich
Victory Mills
Coveville
Holmes Hill
Fairview Cem
Fairground
Cement Mtn
Schuyler Mtn
Willard Mtn
North Easton
Becker Hill
Wheelden Mtn

Hudson River
Champlain Canal
Saratoga Co Washington Co Canal
Batten Kill
Creek
Brook

0.9 MI. TO N.Y. 32
HUDSON FALLS 13 MI.
FORT MILLER 3 MI.
SOUTH ARGYLE 4.3 MI.
SARATOGA SPRINGS 8 MI.
CENTER FALLS 2.3 MI.
SALEM 13 MI.
QUAKER SPRINGS 3 MI.
MECHANICVILLE 8 MI.
TROY 20 MI.
SCHAGHTICOKE 7 MI.

1 130 000 FEET
1 100 000 FEET

Mapped, edited, and published by the Geological Survey

Control by USGS and USC&GS

Topography by photogrammetric methods from aerial photographs taken 1964. Field checked 1967

Polyconic projection. 1927 North American datum
10,000-foot grid based on New York coordinate system, east zone
1000-meter Universal Transverse Mercator grid ticks, zone 18, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

MN GN
13½° 240 MILS
0°59' 17 MILS
UTM GRID AND 1967 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 5 0 1 KILOMETER
CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON, D. C. 20242
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

USGS
Historical File
Topographic Division

ROAD CLASSIFICATION
Primary highway, all weather, hard surface
Secondary highway, all weather, hard surface
Light-duty road, all weather, improved surface
Unimproved road, fair or dry weather
U. S. Route
State Route

NEW YORK
QUADRANGLE LOCATION

U.S.G.S.
FILE COPY
TOPOGRAPHIC DIVISION

SCHUYLERVILLE, N. Y.
SE/4 SCHUYLERVILLE 15' QUADRANGLE
N4300—W7330/7.5
1967
AMS 6270 II SE—SERIES V821

3500
JUN 29 1970

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1970

ATTACHMENT E
SITE PHOTOGRAPHS



Photograph 1 - View of debris in the vicinity of KTP-4.



Photograph 2 – View east of the adjacent properties to the east.



Photograph 3 – View north of the gravel storage area north of the Property.



Photograph 4 - View of test pit KTP-1.



Photograph 5 – View of test pit KTP-2.



Photograph 6 – View of test pit KTP-3.

ATTACHMENT F
AERIAL PHOTOGRAPHS

Abandoned Champlain Canal
STATE GARAGE RD
Schuylerville, NY 12871

Inquiry Number: 3889800.5
March 26, 2014

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

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with any questions or comments.

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Date EDR Searched Historical Sources:

Aerial Photography March 26, 2014

Target Property:

STATE GARAGE RD

Schuylerville, NY 12871

Year	***Scale***	***Details***	***Source***
1964	Aerial Photograph. Scale: 1"=500'	Panel #: 43073-A5, Schuylerville, NY;/Flight Date: April 05, 1964	EDR
1979	Aerial Photograph. Scale: 1"=1000'	Panel #: 43073-A5, Schuylerville, NY;/Flight Date: October 01, 1979	EDR
1986	Aerial Photograph. Scale: 1"=1000'	Panel #: 43073-A5, Schuylerville, NY;/Flight Date: March 31, 1986	EDR
1995	Aerial Photograph. Scale: 1"=500'	Panel #: 43073-A5, Schuylerville, NY;/DOQQ - acquisition dates: April 17, 1995	EDR
2006	Aerial Photograph. Scale: 1"=500'	Panel #: 43073-A5, Schuylerville, NY;/Flight Year: 2006	EDR
2008	Aerial Photograph. Scale: 1"=500'	Panel #: 43073-A5, Schuylerville, NY;/Flight Year: 2008	EDR
2009	Aerial Photograph. Scale: 1"=500'	Panel #: 43073-A5, Schuylerville, NY;/Flight Year: 2009	EDR
2011	Aerial Photograph. Scale: 1"=500'	Panel #: 43073-A5, Schuylerville, NY;/Flight Year: 2011	EDR


INQUIRY #: 3889800.5
YEAR: 1964
= 500'
N
EDR


INQUIRY #: 3889800.5
YEAR: 1979
= 1000'
N
EDR


INQUIRY #: 3889800.5
YEAR: 1986
= 1000'
N
EDR


INQUIRY #: 3889800.5
YEAR: 1995
= 500'
N
EDR


INQUIRY #: 3889800.5
YEAR: 2006
= 500'
N
EDR


INQUIRY #: 3889800.5
YEAR: 2008
= 500'
N
EDR


INQUIRY #: 3889800.5
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 3889800.5
YEAR: 2011
= 500'
N
EDR

ATTACHMENT G
USER QUESTIONNAIRE

KANE ENVIRONMENTAL INC

USER QUESTIONNAIRE
Saratoga National Historical Park Land Tract 01-159
Saratoga, New York

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 the *user* must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

1.) Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

NO

2.) Are you aware of any Activity Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under , tribal, state or local law?

NO

3.) As the user of this Environmental Site Assessment (ESA) do you have any specialized knowledge or experience related to the property or nearby properties? For example are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and process used by this type of business?

NO

4.) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to present at the Property?

YES

5.) Are you aware of commonly known or reasonably known ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example as user,

a.)Do you know the past uses of the Property?

Tract is part of the Abandoned Champlain Canal (ACC) land. The Subject Property consists of a basin that was used to hold water for the canal, its banks and towpath. The basin contains an abundance of old bottles, rusted metal cans, and other apparently inert garbage which, based on labels, appears to date from approximately the mid 1930's to the mid 1950's. Dumping is concentrated in the canal basin, and there is a sharp distinction between the area where dumping occurred in the canal and the portion of the canal immediately to the south of the Subject Property, where it did not.

b.)Do you know the specific chemicals that are present or once were present at the property?

NO

c.)Do you know of spills or other chemical releases that have taken place at the property?

NO

d.)Do you know of any environmental cleanups that have taken place at the property?

NO

e.)Do you know of, and do you have access to, any previous environmental reports on the property?

Yes, a 1995 Phase I ESA with soil sampling.

6.) As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?

The site contains an abundance of old bottles, rusted metal cans, and other apparently inert garbage which, based on labels, appears to date from approximately the mid 1930's to the mid 1950's. Possible heavy metal, lead or petroleum contaminates could be present.

Signature _____ Printed Name Andrew J. Petro Date 3/26/2014

Realty Specialist
DOI, NPS

3815 Woodland Park Avenue North, Suite 102 • Seattle, WA 98103 • tel: 206 691 0476 • fax: 206 675 0650
www.kane-environmental.com

ATTACHMENT H
LABORATORY ANALYTICAL REPORT

Date Issued: May 15, 2014

Pace Analytical e-Report

Report prepared for:
KANE ENVIRONMENTAL
3815 WOODLAND PARK AVE N #102
SEATTLE, WA 98103
CONTACT: J. KANE

Project ID: SARATOGA NHP TRACT 01-159
Sampling Date(s): May 01, 2014
Lab Report ID: 14050028
Client Service Contact: Kelly Miller (518) 346-4592 ext. 3844

Analysis Included:
VOCs by GCMS
SVOCs by GCMS (PAHs)
PCB Analysis
Mercury Analysis
Metals by ICP (RCRA-6010C)

Test results meet all National Environmental Laboratory Accreditation Conference (NELAC) requirements unless noted in the case narrative. The results contained within this document relate only to the samples included in this report. Pace Analytical is responsible only for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.

Dan Pfalzer
Laboratory Director

Certifications: New York (EPA: NY00906, ELAP: 11078), New Jersey (NY026), Connecticut (PH-0337), Massachusetts (M-NY906), Virginia (1884)

Pace Analytical Services, Inc.| 2190 Technology Drive | Schenectady, NY 12308
Phone: 518.346.4592 | internet: www.pacelabs.com

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CASE NARRATIVE

May 15, 2014

CASE NARRATIVE

This data package (SDG ID: 14050028) consists of 6 soil samples received on 05/01/2014. The samples are from Project Name: SARATOGA NHP TRACT 01-159.

This sample delivery group consists of the following samples:

Lab Sample ID	Client ID	Collection Date
AR09388	KTP-1	05/01/2014 10:00
AR09389	KTP-2	05/01/2014 10:20
AR09390	KTP-3	05/01/2014 11:00
AR09391	KTP-4	05/01/2014 11:30
AR09392	KTP-5	05/01/2014 12:00
AR09393	KTP-6	05/01/2014 12:30

Sample Delivery and Receipt Conditions

(1.) All samples were delivered to the laboratory via DROP OFF delivery service on 05/01/2014.

(2.) All samples were received at the laboratory intact and within holding times.

(3.) All samples were received at the laboratory properly preserved, if applicable.

Volatile Organics Analysis

Analysis for Volatile Organics was performed by method SW-846 8260C. The following technical and administrative items were noted for the analysis:

(1.) The percent recovery for 1,4-dichlorobenzene internal standard was below the quality control acceptance limits for sample (LAB ID:AR09389). High analytical bias may be indicated.

(2.) The percent recovery for Bromomethane was below method established limits for the associated Internal Calibration Verification Sample for samples (LAB ID: AR09388-AR09393). Low analytical bias may be indicated for these samples.

(3.) The percent recovery for Bromomethane and Chloromethane were below method established limits for the associated Continuing Calibration Verification Sample for samples (LAB ID: AR09388-AR09393). Low analytical bias may be indicated for these samples.

(4.) The percent recovery for 1,2,3-trichloropropane and 1,4-dichlorobenzene were above method established limits for the associated Continuing Calibration Verification Sample for samples (LAB ID: AR09388-AR09393). Samples are ND. No bias indicated.

(5.) The percent recovery for Bromomethane was above quality control limits for the associated Laboratory Control Spike. High analytical bias may be indicated.

(6.) The percent recovery for 1,2,3-trichloropropane and 1,4-dichlorobenzene were below quality control limits for the associated Laboratory Control Spike. Low analytical bias may be indicated.

Semivolatile Organics Analysis

Analysis for Semivolatile Organics was performed by method SW-846 8270D. Samples were extracted by Accelerated Solvent Extraction (EPA Method 3545A). The following technical and administrative items were noted for the analysis:

(1.) All quality assurance parameters were met for the analysis.

PCB Aroclor Analysis

Analysis for PCB Aroclors was performed by method SW-846 8082A. The following technical and administrative items were noted for the analysis:

(1.) The concentration results for Aroclor 1254 were flagged (AF) to denote that an altered Aroclor pattern was observed. Please see form for details.

Mercury Analysis

Analysis for mercury was performed by method SW-846 7471B. The following technical and administrative items were noted for the analysis:

(1.) All quality assurance parameters were met for the analysis.

Metals Analysis by ICP

Analysis for metals was performed by method SW-846 6010C. The following technical and administrative items were noted for the analysis:

(1.) All quality assurance parameters were met for the analysis.

Respectfully submitted,

Kelly A. Miller

Kelly A. Miller
Project Manager

QUALIFIERS

Qualifier Definitions

Organic Laboratory Qualifiers

B - Denotes analyte observed in associated method blank or extraction blank. Analyte concentration should be considered as estimated.

D - Surrogate recovery not evaluated against control limits due to sample dilution.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be re-analyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL).

P - Indicates relative percent difference (RPD) between primary and secondary gas chromatograph (GC) column analysis exceeds 40 % or indicates percent difference (PD) between primary and secondary gas chromatograph (GC) column analysis exceeds 25 %.

U - Denotes analyte not detected at concentration greater than the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

Z - Chromatographic interference due to polychlorinated biphenyl (PCB) co-elution.

* - Value not within control limits.

Inorganic Laboratory Qualifiers

B - Denotes analyte observed in associated method blank or digestion blank. Analyte concentration should be considered as estimated.

E - Denotes analyte concentration exceeded calibration range of instrument. Sample could not be re-analyzed at secondary dilution due to insufficient sample amount, quick turn-around request, sample matrix interference or hold time excursion. Concentration result should be considered as estimated.

J - Denotes an estimated concentration. The concentration result is greater than or equal to the Method Detection Limit (MDL) but less than the Practical Quantitation Limit (PQL).

U - Denotes analyte not detected at concentration greater than the Practical Quantitation Limit (PQL). PQLs are adjusted for sample weight/volume and dilution factors.

* - Value not within control limits.

SAMPLE CHAIN OF CUSTODY

<14050028P1>

140500281

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Pace Analytical®
www.pacelabs.com

Page: 1 of 1

1729423

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Kane Environmental Inc	Report To:	Attention:
Address: 3915 Woodland Park Ave N Ste 102 Seattle WA 98103	Copy To:	Company Name:
Email To: jkane@kane-environmental.com	Purchase Order No.:	Address:
Phone: 2066910476 Fax:	Project Name: Saratoga NHP Tract 01-159	Pace Quote Reference:
Requested Due Date/TAT: Normal	Project Number:	Pace Project Manager:
		Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: _____

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test: RCRA 8	PAH (8270)	VOC (8260)	PCBs (8082)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	KTP-1	SL	G	5-1-14	10:00														X	X	X	X		AR09388
2	KTP-2	SL	G		10:30														X	X	X	X		AR09389
3	KTP-3	SL	G		11:00														X	X	X	X		AR09390
4	KTP-4	SL	G		11:30														X	X	X	X		AR09391
5	KTP-5	SL	G		12:00														X	X	X	X		AR09392
6	KTP-6	SL	G		12:30														X	X	X	X		AR09393
7																								
8																								
9																								
10																								
11																								
12																								

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	John Kane	5-1-14	16:15	J. Bailey (PACE)	5/1/14	16:15	1.8	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: John Kane

SIGNATURE of SAMPLER: John Kane

DATE Signed (MM/DD/YY): 5-1-14

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

SAMPLE RECEIPT

SAMPLE RECEIPT REPORT
14050028

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

CLIENT: KANE ENVIRONMENTAL
PROJECT: SARATOGA NHP TREAT 01-159
LRF: 14050028
REPORT: ANALYTICAL REPORT
EDD: NO
LRF TAT: 2 WEEK

RECEIVED DATE: 05/01/2014 16:15
SHIPPED VIA: DROP OFF [1,2]
SHIPPING ID: J.K. KANE
NUMBER OF COOLERS: 1
CUSTODY SEAL INTACT: NA
COOLER STATUS: CHILLED
TEMPERATURE(S): [5] 1.8 °C

SAMPLE SEALS INTACT: NA
SAMPLES PRESERVED PER METHOD GUIDANCE: YES
[3] SAMPLES REC'D IN HOLDTIME: YES
DISPOSAL: BY LAB (45 DAYS)
COC DISCREPANCY: NO

COMMENTS:

CLIENT ID (LAB ID)	TAT-DUE Date[4]	DATE-TIME SAMPLED	MATRIX	METHOD	TEST DESCRIPTION	QC REQUEST
KTP-1 (AR09388)	2 WEEK 05-16-14	05/01/2014 10:00	Soil	SW-846 6010C	Metals by ICP (RCRA-6010C)	
	2 WEEK 05-16-14	05/01/2014 10:00	Soil	SW-846 7471B	Mercury Analysis	
	2 WEEK 05-16-14	05/01/2014 10:00	Soil	SW-846 8082A	PCB Analysis	
	2 WEEK 05-16-14	05/01/2014 10:00	Soil	SW-846 8260C	VOCs by GCMS	
	2 WEEK 05-16-14	05/01/2014 10:00	Soil	SW-846 8270D	SVOCs by GCMS (PAHs)	
KTP-2 (AR09389)	2 WEEK 05-16-14	05/01/2014 10:20	Soil	SW-846 6010C	Metals by ICP (RCRA-6010C)	
	2 WEEK 05-16-14	05/01/2014 10:20	Soil	SW-846 7471B	Mercury Analysis	
	2 WEEK 05-16-14	05/01/2014 10:20	Soil	SW-846 8082A	PCB Analysis	
	2 WEEK 05-16-14	05/01/2014 10:20	Soil	SW-846 8260C	VOCs by GCMS	
	2 WEEK 05-16-14	05/01/2014 10:20	Soil	SW-846 8270D	SVOCs by GCMS (PAHs)	
KTP-3 (AR09390)	2 WEEK 05-16-14	05/01/2014 11:00	Soil	SW-846 6010C	Metals by ICP (RCRA-6010C)	
	2 WEEK 05-16-14	05/01/2014 11:00	Soil	SW-846 7471B	Mercury Analysis	
	2 WEEK 05-16-14	05/01/2014 11:00	Soil	SW-846 8082A	PCB Analysis	
	2 WEEK 05-16-14	05/01/2014 11:00	Soil	SW-846 8260C	VOCs by GCMS	
	2 WEEK 05-16-14	05/01/2014 11:00	Soil	SW-846 8270D	SVOCs by GCMS (PAHs)	
KTP-4 (AR09391)	2 WEEK 05-16-14	05/01/2014 11:30	Soil	SW-846 6010C	Metals by ICP (RCRA-6010C)	
	2 WEEK 05-16-14	05/01/2014 11:30	Soil	SW-846 7471B	Mercury Analysis	
	2 WEEK 05-16-14	05/01/2014 11:30	Soil	SW-846 8082A	PCB Analysis	
	2 WEEK 05-16-14	05/01/2014 11:30	Soil	SW-846 8260C	VOCs by GCMS	
	2 WEEK 05-16-14	05/01/2014 11:30	Soil	SW-846 8270D	SVOCs by GCMS (PAHs)	
KTP-5 (AR09392)	2 WEEK 05-16-14	05/01/2014 12:00	Soil	SW-846 6010C	Metals by ICP (RCRA-6010C)	
	2 WEEK 05-16-14	05/01/2014 12:00	Soil	SW-846 7471B	Mercury Analysis	
	2 WEEK 05-16-14	05/01/2014 12:00	Soil	SW-846 8082A	PCB Analysis	
	2 WEEK 05-16-14	05/01/2014 12:00	Soil	SW-846 8260C	VOCs by GCMS	
	2 WEEK 05-16-14	05/01/2014 12:00	Soil	SW-846 8270D	SVOCs by GCMS (PAHs)	
KTP-6 (AR09393)	2 WEEK 05-16-14	05/01/2014 12:30	Soil	SW-846 6010C	Metals by ICP (RCRA-6010C)	
	2 WEEK 05-16-14	05/01/2014 12:30	Soil	SW-846 7471B	Mercury Analysis	
	2 WEEK 05-16-14	05/01/2014 12:30	Soil	SW-846 8082A	PCB Analysis	
	2 WEEK 05-16-14	05/01/2014 12:30	Soil	SW-846 8260C	VOCs by GCMS	
	2 WEEK 05-16-14	05/01/2014 12:30	Soil	SW-846 8270D	SVOCs by GCMS (PAHs)	

[1] The pH preservation check of Oil and Grease (Method 1664) is performed as soon as possible after sample receipt and may not be included in this report.
[2] The pH preservation check of aqueous volatile samples is not performed until after the analysis of the sample to maintain zero headspace and is not included in this report.
[3] Samples received for pH analysis are not marked as a hold time exceedance here. SW-846 methods suggests analysis to be done within 15 minutes of sample collection. Because of transportation time it is not possible for the laboratory to perform the test in that time. Sample Certificates of Analysis reports are noted as such.
[4] Samples arriving at the laboratory after 4:00 pm are assigned a due date as if they arrived the following business day unless other arrangements have been made.
[5] All samples which require thermal preservation shall be considered acceptable when received greater than 6 degrees Celsius if they are collected on the same day as received and there is evidence that the chilling process has begun, such as arrival on ice.Control limits are between 0-6 Degrees Celsius. Control limits do not apply for metals analysis.

Reporting Parameters and Lists

SW-846 6010C - Metals by ICP (RCRA-6010C) - (mg/kg)

Arsenic
Barium
Cadmium
Chromium

SW-846 6010C - Metals by ICP (RCRA-6010C) - (mg/kg)

Lead
Selenium
Silver

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Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Continued...

SW-846 7471B - Mercury Analysis - (mg/kg)

Mercury

SW-846 8082A - PCB Analysis - (ug/g)

Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Total PCB Amount > RL

SW-846 8260C - VOCs by GCMS - (ug/kg)

1,1,1,2-Tetrachloroethane
1,1,1-Trichloroethane
1,1,2,2-Tetrachloroethane
1,1,2-Trichloroethane
1,1-Dichloroethane
1,1-Dichloroethene
1,1-Dichloropropene
1,2,3-Trichlorobenzene
1,2,3-Trichloropropane
1,2,4-Trichlorobenzene
1,2,4-Trimethylbenzene
1,2-Dibromo-3-chloropropane
1,2-Dibromoethane
1,2-Dichlorobenzene
1,2-Dichloroethane
1,2-Dichloropropane
1,3,5-Trimethylbenzene
1,3-Dichlorobenzene
1,3-Dichloropropane
1,4-Dichlorobenzene
2,2-Dichloropropane
2-Butanone
2-Chloroethylvinylether
2-Chlorotoluene
2-Hexanone
4-Chlorotoluene
4-Isopropyltoluene
4-Methyl-2-pentanone
Acetone
Benzene
Bromobenzene
Bromochloromethane
Bromodichloromethane
Bromoform
Bromomethane
Carbon Disulfide
Carbon Tetrachloride
Chlorobenzene
Chloroethane
Chloroform
Chloromethane
cis-1,2-Dichloroethene
cis-1,3-Dichloropropene
Dibromochloromethane
Dibromomethane
Dichlorodifluoromethane
Ethylbenzene
Hexachlorobutadiene
Isopropylbenzene
m&p-Xylene
Methylene Chloride
Methyl-tert-butyl-ether (MTBE)
Naphthalene
n-Butylbenzene
n-Propylbenzene
o-Xylene
sec-Butylbenzene
Styrene
tert-Butylbenzene
Tetrachloroethene
Toluene
Total Xylenes

SW-846 8260C - VOCs by GCMS - (ug/kg)

trans-1,2-Dichloroethene
trans-1,3-Dichloropropene
Trichloroethene
Trichlorofluoromethane
Vinyl Acetate
Vinyl Chloride

SW-846 8270D - SVOCs by GCMS (PAHs) - (ug/kg)

2-Methylnaphthalene
Acenaphthene
Acenaphthylene
Anthracene
Benzo(a)anthracene
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(g,h,i)perylene
Benzo(k)fluoranthene
Chrysene
Dibenz(a,h)anthracene
Fluoranthene
Fluorene
Indeno(1,2,3-cd)pyrene
Naphthalene
Phenanthrene
Pyrene

4

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GC/MS Volatiles

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-1
Lab Sample ID: 14050028-01 (AR09388)

Collection Date: 05/01/2014 10:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 50.6 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS08-1709-7	EPA Method 8260C	05/05/2014 13:32	CAP	NA	NA	Restek, Rtx-VMS, 30 m, 0.25 mm ID, 1.40 µm
Prep 1:	2293	EPA 5035A-L	05/05/2014 10:18	RMS	2.24 g	10.0 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
1,1,1,2-Tetrachloroethane	630-20-6	ND	8.82	1.00	U	MS08-1709-7
1,1,1-Trichloroethane	71-55-6	ND	8.82	1.00	U	MS08-1709-7
1,1,2,2-Tetrachloroethane	79-34-5	ND	8.82	1.00	U	MS08-1709-7
1,1,2-Trichloroethane	79-00-5	ND	8.82	1.00	U	MS08-1709-7
1,1-Dichloroethane	75-34-3	ND	8.82	1.00	U	MS08-1709-7
1,1-Dichloroethene	75-35-4	ND	8.82	1.00	U	MS08-1709-7
1,1-Dichloropropene	563-58-6	ND	8.82	1.00	U	MS08-1709-7
1,2,3-Trichlorobenzene	87-61-6	ND	8.82	1.00	U	MS08-1709-7
1,2,3-Trichloropropane	96-18-4	ND	8.82	1.00	U	MS08-1709-7
1,2,4-Trichlorobenzene	120-82-1	ND	8.82	1.00	U	MS08-1709-7
1,2,4-Trimethylbenzene	95-63-6	ND	8.82	1.00	U	MS08-1709-7
1,2-Dibromo-3-chloropropane	96-12-8	ND	8.82	1.00	U	MS08-1709-7
1,2-Dibromoethane	106-93-4	ND	8.82	1.00	U	MS08-1709-7
1,2-Dichlorobenzene	95-50-1	ND	8.82	1.00	U	MS08-1709-7
1,2-Dichloroethane	107-06-2	ND	8.82	1.00	U	MS08-1709-7
1,2-Dichloropropane	78-87-5	ND	8.82	1.00	U	MS08-1709-7
1,3,5-Trimethylbenzene	108-67-8	ND	8.82	1.00	U	MS08-1709-7
1,3-Dichlorobenzene	541-73-1	ND	8.82	1.00	U	MS08-1709-7
1,3-Dichloropropane	142-28-9	ND	8.82	1.00	U	MS08-1709-7
1,4-Dichlorobenzene	106-46-7	ND	8.82	1.00	U	MS08-1709-7
2,2-Dichloropropane	594-20-7	ND	8.82	1.00	U	MS08-1709-7
2-Butanone	78-93-3	ND	8.82	1.00	U	MS08-1709-7
2-Chloroethylvinylether	110-75-8	ND	8.82	1.00	U	MS08-1709-7
2-Chlorotoluene	95-49-8	ND	8.82	1.00	U	MS08-1709-7
2-Hexanone	591-78-6	ND	8.82	1.00	U	MS08-1709-7
4-Chlorotoluene	106-43-4	ND	8.82	1.00	U	MS08-1709-7
4-Isopropyltoluene	99-87-6	ND	8.82	1.00	U	MS08-1709-7
4-Methyl-2-pentanone	108-10-1	ND	8.82	1.00	U	MS08-1709-7
Acetone	67-64-1	ND	44.1	1.00	U	MS08-1709-7
Benzene	71-43-2	ND	8.82	1.00	U	MS08-1709-7
Bromobenzene	108-86-1	ND	8.82	1.00	U	MS08-1709-7
Bromochloromethane	74-97-5	ND	8.82	1.00	U	MS08-1709-7
Bromodichloromethane	75-27-4	ND	8.82	1.00	U	MS08-1709-7
Bromoform	75-25-2	ND	8.82	1.00	U	MS08-1709-7
Bromomethane	74-83-9	ND	8.82	1.00	U	MS08-1709-7
Carbon Disulfide	75-15-0	ND	8.82	1.00	U	MS08-1709-7
Carbon Tetrachloride	56-23-5	ND	8.82	1.00	U	MS08-1709-7
Chlorobenzene	108-90-7	ND	8.82	1.00	U	MS08-1709-7
Chloroethane	75-00-3	ND	8.82	1.00	U	MS08-1709-7
Chloroform	67-66-3	ND	8.82	1.00	U	MS08-1709-7
Chloromethane	74-87-3	ND	8.82	1.00	U	MS08-1709-7
cis-1,2-Dichloroethene	156-59-2	ND	8.82	1.00	U	MS08-1709-7
cis-1,3-Dichloropropene	10061-01-5	ND	8.82	1.00	U	MS08-1709-7
Dibromochloromethane	124-48-1	ND	8.82	1.00	U	MS08-1709-7

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-1
Lab Sample ID: 14050028-01 (AR09388)

Collection Date: 05/01/2014 10:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 50.6 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS08-1709-7	EPA Method 8260C	05/05/2014 13:32	CAP	NA	NA	Restek, Rtx-VMS, 30 m, 0.25 mm ID, 1.40 µm
Prep 1:	2293	EPA 5035A-L	05/05/2014 10:18	RMS	2.24 g	10.0 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
Dibromomethane	74-95-3	ND	8.82	1.00	U	MS08-1709-7
Dichlorodifluoromethane	75-71-8	ND	8.82	1.00	U	MS08-1709-7
Ethylbenzene	100-41-4	ND	8.82	1.00	U	MS08-1709-7
Hexachlorobutadiene	87-68-3	ND	8.82	1.00	U	MS08-1709-7
Isopropylbenzene	98-82-8	ND	8.82	1.00	U	MS08-1709-7
m&p-Xylene	136777-61-2	ND	8.82	1.00	U	MS08-1709-7
Methylene Chloride	75-09-2	ND	44.1	1.00	U	MS08-1709-7
Methyl-tert-butyl-ether (MTBE)	1634-04-4	ND	8.82	1.00	U	MS08-1709-7
Naphthalene	91-20-3	ND	8.82	1.00	U	MS08-1709-7
n-Butylbenzene	104-51-8	ND	8.82	1.00	U	MS08-1709-7
n-Propylbenzene	103-65-1	ND	8.82	1.00	U	MS08-1709-7
o-Xylene	95-47-6	ND	8.82	1.00	U	MS08-1709-7
sec-Butylbenzene	135-98-8	ND	8.82	1.00	U	MS08-1709-7
Styrene	100-42-5	ND	8.82	1.00	U	MS08-1709-7
tert-Butylbenzene	98-06-6	ND	8.82	1.00	U	MS08-1709-7
Tetrachloroethene	127-18-4	**8.83**	8.82	1.00		MS08-1709-7
Toluene	108-88-3	ND	8.82	1.00	U	MS08-1709-7
Total Xylenes	1330-20-7	ND	8.82	1.00	U	MS08-1709-7
trans-1,2-Dichloroethene	156-60-5	ND	8.82	1.00	U	MS08-1709-7
trans-1,3-Dichloropropene	10061-02-6	ND	8.82	1.00	U	MS08-1709-7
Trichloroethene	79-01-6	ND	8.82	1.00	U	MS08-1709-7
Trichlorofluoromethane	75-69-4	ND	8.82	1.00	U	MS08-1709-7
Vinyl Acetate	108-05-4	ND	8.82	1.00	U	MS08-1709-7
Vinyl Chloride	75-01-4	ND	8.82	1.00	U	MS08-1709-7

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Bromofluorobenzene	460-00-4	132	45.4-170		MS08-1709-7
Dibromofluoromethane	1868-53-7	116	79.3-122		MS08-1709-7
toluene-d8	2037-26-5	112	77.0-133		MS08-1709-7
1,2-Dichloroethane-d4	17060-07-0	113	80.9-116		MS08-1709-7

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-2
Lab Sample ID: 14050028-02 (AR09389)

Collection Date: 05/01/2014 10:20
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 59.8 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS08-1709-13	EPA Method 8260C	05/05/2014 16:29	CAP	NA	NA	Restek, Rtx-VMS, 30 m, 0.25 mm ID, 1.40 µm
Prep 1:	2293	EPA 5035A-L	05/05/2014 15:46	RMS	3.97 g	10.0 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
1,1,1,2-Tetrachloroethane	630-20-6	ND	4.21	1.00	U	MS08-1709-13
1,1,1-Trichloroethane	71-55-6	ND	4.21	1.00	U	MS08-1709-13
1,1,2,2-Tetrachloroethane	79-34-5	ND	4.21	1.00	U	MS08-1709-13
1,1,2-Trichloroethane	79-00-5	ND	4.21	1.00	U	MS08-1709-13
1,1-Dichloroethane	75-34-3	ND	4.21	1.00	U	MS08-1709-13
1,1-Dichloroethene	75-35-4	ND	4.21	1.00	U	MS08-1709-13
1,1-Dichloropropene	563-58-6	ND	4.21	1.00	U	MS08-1709-13
1,2,3-Trichlorobenzene	87-61-6	ND	4.21	1.00	U	MS08-1709-13
1,2,3-Trichloropropane	96-18-4	ND	4.21	1.00	U	MS08-1709-13
1,2,4-Trichlorobenzene	120-82-1	ND	4.21	1.00	U	MS08-1709-13
1,2,4-Trimethylbenzene	95-63-6	ND	4.21	1.00	U	MS08-1709-13
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.21	1.00	U	MS08-1709-13
1,2-Dibromoethane	106-93-4	ND	4.21	1.00	U	MS08-1709-13
1,2-Dichlorobenzene	95-50-1	ND	4.21	1.00	U	MS08-1709-13
1,2-Dichloroethane	107-06-2	ND	4.21	1.00	U	MS08-1709-13
1,2-Dichloropropane	78-87-5	ND	4.21	1.00	U	MS08-1709-13
1,3,5-Trimethylbenzene	108-67-8	ND	4.21	1.00	U	MS08-1709-13
1,3-Dichlorobenzene	541-73-1	ND	4.21	1.00	U	MS08-1709-13
1,3-Dichloropropane	142-28-9	ND	4.21	1.00	U	MS08-1709-13
1,4-Dichlorobenzene	106-46-7	ND	4.21	1.00	U	MS08-1709-13
2,2-Dichloropropane	594-20-7	ND	4.21	1.00	U	MS08-1709-13
2-Butanone	78-93-3	ND	4.21	1.00	U	MS08-1709-13
2-Chloroethylvinylether	110-75-8	ND	4.21	1.00	U	MS08-1709-13
2-Chlorotoluene	95-49-8	ND	4.21	1.00	U	MS08-1709-13
2-Hexanone	591-78-6	ND	4.21	1.00	U	MS08-1709-13
4-Chlorotoluene	106-43-4	ND	4.21	1.00	U	MS08-1709-13
4-Isopropyltoluene	99-87-6	ND	4.21	1.00	U	MS08-1709-13
4-Methyl-2-pentanone	108-10-1	ND	4.21	1.00	U	MS08-1709-13
Acetone	67-64-1	ND	21.1	1.00	U	MS08-1709-13
Benzene	71-43-2	ND	4.21	1.00	U	MS08-1709-13
Bromobenzene	108-86-1	ND	4.21	1.00	U	MS08-1709-13
Bromochloromethane	74-97-5	ND	4.21	1.00	U	MS08-1709-13
Bromodichloromethane	75-27-4	ND	4.21	1.00	U	MS08-1709-13
Bromoform	75-25-2	ND	4.21	1.00	U	MS08-1709-13
Bromomethane	74-83-9	ND	4.21	1.00	U	MS08-1709-13
Carbon Disulfide	75-15-0	ND	4.21	1.00	U	MS08-1709-13
Carbon Tetrachloride	56-23-5	ND	4.21	1.00	U	MS08-1709-13
Chlorobenzene	108-90-7	ND	4.21	1.00	U	MS08-1709-13
Chloroethane	75-00-3	ND	4.21	1.00	U	MS08-1709-13
Chloroform	67-66-3	ND	4.21	1.00	U	MS08-1709-13
Chloromethane	74-87-3	ND	4.21	1.00	U	MS08-1709-13
cis-1,2-Dichloroethene	156-59-2	ND	4.21	1.00	U	MS08-1709-13
cis-1,3-Dichloropropene	10061-01-5	ND	4.21	1.00	U	MS08-1709-13
Dibromochloromethane	124-48-1	ND	4.21	1.00	U	MS08-1709-13

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-2
Lab Sample ID: 14050028-02 (AR09389)

Collection Date: 05/01/2014 10:20
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 59.8 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS08-1709-13	EPA Method 8260C	05/05/2014 16:29	CAP	NA	NA	Restek, Rtx-VMS, 30 m, 0.25 mm ID, 1.40 µm
Prep 1:	2293	EPA 5035A-L	05/05/2014 15:46	RMS	3.97 g	10.0 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
Dibromomethane	74-95-3	ND	4.21	1.00	U	MS08-1709-13
Dichlorodifluoromethane	75-71-8	ND	4.21	1.00	U	MS08-1709-13
Ethylbenzene	100-41-4	ND	4.21	1.00	U	MS08-1709-13
Hexachlorobutadiene	87-68-3	ND	4.21	1.00	U	MS08-1709-13
Isopropylbenzene	98-82-8	ND	4.21	1.00	U	MS08-1709-13
m&p-Xylene	136777-61-2	ND	4.21	1.00	U	MS08-1709-13
Methylene Chloride	75-09-2	ND	21.1	1.00	U	MS08-1709-13
Methyl-tert-butyl-ether (MTBE)	1634-04-4	ND	4.21	1.00	U	MS08-1709-13
Naphthalene	91-20-3	ND	4.21	1.00	U	MS08-1709-13
n-Butylbenzene	104-51-8	ND	4.21	1.00	U	MS08-1709-13
n-Propylbenzene	103-65-1	ND	4.21	1.00	U	MS08-1709-13
o-Xylene	95-47-6	ND	4.21	1.00	U	MS08-1709-13
sec-Butylbenzene	135-98-8	ND	4.21	1.00	U	MS08-1709-13
Styrene	100-42-5	ND	4.21	1.00	U	MS08-1709-13
tert-Butylbenzene	98-06-6	ND	4.21	1.00	U	MS08-1709-13
Tetrachloroethene	127-18-4	ND	4.21	1.00	U	MS08-1709-13
Toluene	108-88-3	ND	4.21	1.00	U	MS08-1709-13
Total Xylenes	1330-20-7	ND	4.21	1.00	U	MS08-1709-13
trans-1,2-Dichloroethene	156-60-5	ND	4.21	1.00	U	MS08-1709-13
trans-1,3-Dichloropropene	10061-02-6	ND	4.21	1.00	U	MS08-1709-13
Trichloroethene	79-01-6	ND	4.21	1.00	U	MS08-1709-13
Trichlorofluoromethane	75-69-4	ND	4.21	1.00	U	MS08-1709-13
Vinyl Acetate	108-05-4	ND	4.21	1.00	U	MS08-1709-13
Vinyl Chloride	75-01-4	ND	4.21	1.00	U	MS08-1709-13

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Bromofluorobenzene	460-00-4	160	45.4-170		MS08-1709-13
Dibromofluoromethane	1868-53-7	115	79.3-122		MS08-1709-13
toluene-d8	2037-26-5	124	77.0-133		MS08-1709-13
1,2-Dichloroethane-d4	17060-07-0	110	80.9-116		MS08-1709-13

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-3
Lab Sample ID: 14050028-03 (AR09390)

Collection Date: 05/01/2014 11:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 77.5 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS08-1709-9	EPA Method 8260C	05/05/2014 14:31	CAP	NA	NA	Restek, Rtx-VMS, 30 m, 0.25 mm ID, 1.40 µm
Prep 1:	2293	EPA 5035A-L	05/05/2014 10:21	RMS	4.67 g	10.0 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.77	1.00	U	MS08-1709-9
1,1,1-Trichloroethane	71-55-6	ND	2.77	1.00	U	MS08-1709-9
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.77	1.00	U	MS08-1709-9
1,1,2-Trichloroethane	79-00-5	ND	2.77	1.00	U	MS08-1709-9
1,1-Dichloroethane	75-34-3	ND	2.77	1.00	U	MS08-1709-9
1,1-Dichloroethene	75-35-4	ND	2.77	1.00	U	MS08-1709-9
1,1-Dichloropropene	563-58-6	ND	2.77	1.00	U	MS08-1709-9
1,2,3-Trichlorobenzene	87-61-6	ND	2.77	1.00	U	MS08-1709-9
1,2,3-Trichloropropane	96-18-4	ND	2.77	1.00	U	MS08-1709-9
1,2,4-Trichlorobenzene	120-82-1	ND	2.77	1.00	U	MS08-1709-9
1,2,4-Trimethylbenzene	95-63-6	ND	2.77	1.00	U	MS08-1709-9
1,2-Dibromo-3-chloropropane	96-12-8	ND	2.77	1.00	U	MS08-1709-9
1,2-Dibromoethane	106-93-4	ND	2.77	1.00	U	MS08-1709-9
1,2-Dichlorobenzene	95-50-1	ND	2.77	1.00	U	MS08-1709-9
1,2-Dichloroethane	107-06-2	ND	2.77	1.00	U	MS08-1709-9
1,2-Dichloropropane	78-87-5	ND	2.77	1.00	U	MS08-1709-9
1,3,5-Trimethylbenzene	108-67-8	ND	2.77	1.00	U	MS08-1709-9
1,3-Dichlorobenzene	541-73-1	ND	2.77	1.00	U	MS08-1709-9
1,3-Dichloropropane	142-28-9	ND	2.77	1.00	U	MS08-1709-9
1,4-Dichlorobenzene	106-46-7	ND	2.77	1.00	U	MS08-1709-9
2,2-Dichloropropane	594-20-7	ND	2.77	1.00	U	MS08-1709-9
2-Butanone	78-93-3	ND	2.77	1.00	U	MS08-1709-9
2-Chloroethylvinylether	110-75-8	ND	2.77	1.00	U	MS08-1709-9
2-Chlorotoluene	95-49-8	ND	2.77	1.00	U	MS08-1709-9
2-Hexanone	591-78-6	ND	2.77	1.00	U	MS08-1709-9
4-Chlorotoluene	106-43-4	ND	2.77	1.00	U	MS08-1709-9
4-Isopropyltoluene	99-87-6	ND	2.77	1.00	U	MS08-1709-9
4-Methyl-2-pentanone	108-10-1	ND	2.77	1.00	U	MS08-1709-9
Acetone	67-64-1	ND	13.8	1.00	U	MS08-1709-9
Benzene	71-43-2	ND	2.77	1.00	U	MS08-1709-9
Bromobenzene	108-86-1	ND	2.77	1.00	U	MS08-1709-9
Bromochloromethane	74-97-5	ND	2.77	1.00	U	MS08-1709-9
Bromodichloromethane	75-27-4	ND	2.77	1.00	U	MS08-1709-9
Bromoform	75-25-2	ND	2.77	1.00	U	MS08-1709-9
Bromomethane	74-83-9	ND	2.77	1.00	U	MS08-1709-9
Carbon Disulfide	75-15-0	ND	2.77	1.00	U	MS08-1709-9
Carbon Tetrachloride	56-23-5	ND	2.77	1.00	U	MS08-1709-9
Chlorobenzene	108-90-7	ND	2.77	1.00	U	MS08-1709-9
Chloroethane	75-00-3	ND	2.77	1.00	U	MS08-1709-9
Chloroform	67-66-3	ND	2.77	1.00	U	MS08-1709-9
Chloromethane	74-87-3	ND	2.77	1.00	U	MS08-1709-9
cis-1,2-Dichloroethene	156-59-2	ND	2.77	1.00	U	MS08-1709-9
cis-1,3-Dichloropropene	10061-01-5	ND	2.77	1.00	U	MS08-1709-9
Dibromochloromethane	124-48-1	ND	2.77	1.00	U	MS08-1709-9

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-3
Lab Sample ID: 14050028-03 (AR09390)

Collection Date: 05/01/2014 11:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 77.5 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS08-1709-9	EPA Method 8260C	05/05/2014 14:31	CAP	NA	NA	Restek, Rtx-VMS, 30 m, 0.25 mm ID, 1.40 µm
Prep 1:	2293	EPA 5035A-L	05/05/2014 10:21	RMS	4.67 g	10.0 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
Dibromomethane	74-95-3	ND	2.77	1.00	U	MS08-1709-9
Dichlorodifluoromethane	75-71-8	ND	2.77	1.00	U	MS08-1709-9
Ethylbenzene	100-41-4	ND	2.77	1.00	U	MS08-1709-9
Hexachlorobutadiene	87-68-3	ND	2.77	1.00	U	MS08-1709-9
Isopropylbenzene	98-82-8	ND	2.77	1.00	U	MS08-1709-9
m&p-Xylene	136777-61-2	ND	2.77	1.00	U	MS08-1709-9
Methylene Chloride	75-09-2	ND	13.8	1.00	U	MS08-1709-9
Methyl-tert-butyl-ether (MTBE)	1634-04-4	ND	2.77	1.00	U	MS08-1709-9
Naphthalene	91-20-3	ND	2.77	1.00	U	MS08-1709-9
n-Butylbenzene	104-51-8	ND	2.77	1.00	U	MS08-1709-9
n-Propylbenzene	103-65-1	ND	2.77	1.00	U	MS08-1709-9
o-Xylene	95-47-6	ND	2.77	1.00	U	MS08-1709-9
sec-Butylbenzene	135-98-8	ND	2.77	1.00	U	MS08-1709-9
Styrene	100-42-5	ND	2.77	1.00	U	MS08-1709-9
tert-Butylbenzene	98-06-6	ND	2.77	1.00	U	MS08-1709-9
Tetrachloroethene	127-18-4	ND	2.77	1.00	U	MS08-1709-9
Toluene	108-88-3	ND	2.77	1.00	U	MS08-1709-9
Total Xylenes	1330-20-7	ND	2.77	1.00	U	MS08-1709-9
trans-1,2-Dichloroethene	156-60-5	ND	2.77	1.00	U	MS08-1709-9
trans-1,3-Dichloropropene	10061-02-6	ND	2.77	1.00	U	MS08-1709-9
Trichloroethene	79-01-6	ND	2.77	1.00	U	MS08-1709-9
Trichlorofluoromethane	75-69-4	ND	2.77	1.00	U	MS08-1709-9
Vinyl Acetate	108-05-4	ND	2.77	1.00	U	MS08-1709-9
Vinyl Chloride	75-01-4	ND	2.77	1.00	U	MS08-1709-9

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Bromofluorobenzene	460-00-4	143	45.4-170		MS08-1709-9
Dibromofluoromethane	1868-53-7	114	79.3-122		MS08-1709-9
toluene-d8	2037-26-5	110	77.0-133		MS08-1709-9
1,2-Dichloroethane-d4	17060-07-0	111	80.9-116		MS08-1709-9

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-4
Lab Sample ID: 14050028-04 (AR09391)

Collection Date: 05/01/2014 11:30
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 83.1 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS08-1709-10	EPA Method 8260C	05/05/2014 15:01	CAP	NA	NA	Restek, Rtx-VMS, 30 m, 0.25 mm ID, 1.40 µm
Prep 1:	2293	EPA 5035A-L	05/05/2014 10:22	RMS	5.76 g	10.0 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.09	1.00	U	MS08-1709-10
1,1,1-Trichloroethane	71-55-6	ND	2.09	1.00	U	MS08-1709-10
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.09	1.00	U	MS08-1709-10
1,1,2-Trichloroethane	79-00-5	ND	2.09	1.00	U	MS08-1709-10
1,1-Dichloroethane	75-34-3	ND	2.09	1.00	U	MS08-1709-10
1,1-Dichloroethene	75-35-4	ND	2.09	1.00	U	MS08-1709-10
1,1-Dichloropropene	563-58-6	ND	2.09	1.00	U	MS08-1709-10
1,2,3-Trichlorobenzene	87-61-6	ND	2.09	1.00	U	MS08-1709-10
1,2,3-Trichloropropane	96-18-4	ND	2.09	1.00	U	MS08-1709-10
1,2,4-Trichlorobenzene	120-82-1	ND	2.09	1.00	U	MS08-1709-10
1,2,4-Trimethylbenzene	95-63-6	ND	2.09	1.00	U	MS08-1709-10
1,2-Dibromo-3-chloropropane	96-12-8	ND	2.09	1.00	U	MS08-1709-10
1,2-Dibromoethane	106-93-4	ND	2.09	1.00	U	MS08-1709-10
1,2-Dichlorobenzene	95-50-1	ND	2.09	1.00	U	MS08-1709-10
1,2-Dichloroethane	107-06-2	ND	2.09	1.00	U	MS08-1709-10
1,2-Dichloropropane	78-87-5	ND	2.09	1.00	U	MS08-1709-10
1,3,5-Trimethylbenzene	108-67-8	ND	2.09	1.00	U	MS08-1709-10
1,3-Dichlorobenzene	541-73-1	ND	2.09	1.00	U	MS08-1709-10
1,3-Dichloropropane	142-28-9	ND	2.09	1.00	U	MS08-1709-10
1,4-Dichlorobenzene	106-46-7	ND	2.09	1.00	U	MS08-1709-10
2,2-Dichloropropane	594-20-7	ND	2.09	1.00	U	MS08-1709-10
2-Butanone	78-93-3	ND	2.09	1.00	U	MS08-1709-10
2-Chloroethylvinylether	110-75-8	ND	2.09	1.00	U	MS08-1709-10
2-Chlorotoluene	95-49-8	ND	2.09	1.00	U	MS08-1709-10
2-Hexanone	591-78-6	ND	2.09	1.00	U	MS08-1709-10
4-Chlorotoluene	106-43-4	ND	2.09	1.00	U	MS08-1709-10
4-Isopropyltoluene	99-87-6	ND	2.09	1.00	U	MS08-1709-10
4-Methyl-2-pentanone	108-10-1	ND	2.09	1.00	U	MS08-1709-10
Acetone	67-64-1	ND	10.5	1.00	U	MS08-1709-10
Benzene	71-43-2	ND	2.09	1.00	U	MS08-1709-10
Bromobenzene	108-86-1	ND	2.09	1.00	U	MS08-1709-10
Bromochloromethane	74-97-5	ND	2.09	1.00	U	MS08-1709-10
Bromodichloromethane	75-27-4	ND	2.09	1.00	U	MS08-1709-10
Bromoform	75-25-2	ND	2.09	1.00	U	MS08-1709-10
Bromomethane	74-83-9	ND	2.09	1.00	U	MS08-1709-10
Carbon Disulfide	75-15-0	ND	2.09	1.00	U	MS08-1709-10
Carbon Tetrachloride	56-23-5	ND	2.09	1.00	U	MS08-1709-10
Chlorobenzene	108-90-7	ND	2.09	1.00	U	MS08-1709-10
Chloroethane	75-00-3	ND	2.09	1.00	U	MS08-1709-10
Chloroform	67-66-3	ND	2.09	1.00	U	MS08-1709-10
Chloromethane	74-87-3	ND	2.09	1.00	U	MS08-1709-10
cis-1,2-Dichloroethene	156-59-2	ND	2.09	1.00	U	MS08-1709-10
cis-1,3-Dichloropropene	10061-01-5	ND	2.09	1.00	U	MS08-1709-10
Dibromochloromethane	124-48-1	ND	2.09	1.00	U	MS08-1709-10

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-4
Lab Sample ID: 14050028-04 (AR09391)

Collection Date: 05/01/2014 11:30
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 83.1 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS08-1709-10	EPA Method 8260C	05/05/2014 15:01	CAP	NA	NA	Restek, Rtx-VMS, 30 m, 0.25 mm ID, 1.40 µm
Prep 1:	2293	EPA 5035A-L	05/05/2014 10:22	RMS	5.76 g	10.0 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
Dibromomethane	74-95-3	ND	2.09	1.00	U	MS08-1709-10
Dichlorodifluoromethane	75-71-8	ND	2.09	1.00	U	MS08-1709-10
Ethylbenzene	100-41-4	ND	2.09	1.00	U	MS08-1709-10
Hexachlorobutadiene	87-68-3	ND	2.09	1.00	U	MS08-1709-10
Isopropylbenzene	98-82-8	ND	2.09	1.00	U	MS08-1709-10
m&p-Xylene	136777-61-2	ND	2.09	1.00	U	MS08-1709-10
Methylene Chloride	75-09-2	ND	10.5	1.00	U	MS08-1709-10
Methyl-tert-butyl-ether (MTBE)	1634-04-4	ND	2.09	1.00	U	MS08-1709-10
Naphthalene	91-20-3	ND	2.09	1.00	U	MS08-1709-10
n-Butylbenzene	104-51-8	ND	2.09	1.00	U	MS08-1709-10
n-Propylbenzene	103-65-1	ND	2.09	1.00	U	MS08-1709-10
o-Xylene	95-47-6	ND	2.09	1.00	U	MS08-1709-10
sec-Butylbenzene	135-98-8	ND	2.09	1.00	U	MS08-1709-10
Styrene	100-42-5	ND	2.09	1.00	U	MS08-1709-10
tert-Butylbenzene	98-06-6	ND	2.09	1.00	U	MS08-1709-10
Tetrachloroethene	127-18-4	ND	2.09	1.00	U	MS08-1709-10
Toluene	108-88-3	ND	2.09	1.00	U	MS08-1709-10
Total Xylenes	1330-20-7	ND	2.09	1.00	U	MS08-1709-10
trans-1,2-Dichloroethene	156-60-5	ND	2.09	1.00	U	MS08-1709-10
trans-1,3-Dichloropropene	10061-02-6	ND	2.09	1.00	U	MS08-1709-10
Trichloroethene	79-01-6	ND	2.09	1.00	U	MS08-1709-10
Trichlorofluoromethane	75-69-4	ND	2.09	1.00	U	MS08-1709-10
Vinyl Acetate	108-05-4	ND	2.09	1.00	U	MS08-1709-10
Vinyl Chloride	75-01-4	ND	2.09	1.00	U	MS08-1709-10

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Bromofluorobenzene	460-00-4	117	45.4-170		MS08-1709-10
Dibromofluoromethane	1868-53-7	113	79.3-122		MS08-1709-10
toluene-d8	2037-26-5	103	77.0-133		MS08-1709-10
1,2-Dichloroethane-d4	17060-07-0	113	80.9-116		MS08-1709-10

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-5
Lab Sample ID: 14050028-05 (AR09392)

Collection Date: 05/01/2014 12:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 64.0 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS08-1709-11	EPA Method 8260C	05/05/2014 15:30	CAP	NA	NA	Restek, Rtx-VMS, 30 m, 0.25 mm ID, 1.40 µm
Prep 1:	2293	EPA 5035A-L	05/05/2014 10:22	RMS	2.98 g	10.0 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
1,1,1,2-Tetrachloroethane	630-20-6	ND	5.25	1.00	U	MS08-1709-11
1,1,1-Trichloroethane	71-55-6	ND	5.25	1.00	U	MS08-1709-11
1,1,2,2-Tetrachloroethane	79-34-5	ND	5.25	1.00	U	MS08-1709-11
1,1,2-Trichloroethane	79-00-5	ND	5.25	1.00	U	MS08-1709-11
1,1-Dichloroethane	75-34-3	ND	5.25	1.00	U	MS08-1709-11
1,1-Dichloroethene	75-35-4	ND	5.25	1.00	U	MS08-1709-11
1,1-Dichloropropene	563-58-6	ND	5.25	1.00	U	MS08-1709-11
1,2,3-Trichlorobenzene	87-61-6	ND	5.25	1.00	U	MS08-1709-11
1,2,3-Trichloropropane	96-18-4	ND	5.25	1.00	U	MS08-1709-11
1,2,4-Trichlorobenzene	120-82-1	ND	5.25	1.00	U	MS08-1709-11
1,2,4-Trimethylbenzene	95-63-6	ND	5.25	1.00	U	MS08-1709-11
1,2-Dibromo-3-chloropropane	96-12-8	ND	5.25	1.00	U	MS08-1709-11
1,2-Dibromoethane	106-93-4	ND	5.25	1.00	U	MS08-1709-11
1,2-Dichlorobenzene	95-50-1	ND	5.25	1.00	U	MS08-1709-11
1,2-Dichloroethane	107-06-2	ND	5.25	1.00	U	MS08-1709-11
1,2-Dichloropropane	78-87-5	ND	5.25	1.00	U	MS08-1709-11
1,3,5-Trimethylbenzene	108-67-8	ND	5.25	1.00	U	MS08-1709-11
1,3-Dichlorobenzene	541-73-1	ND	5.25	1.00	U	MS08-1709-11
1,3-Dichloropropane	142-28-9	ND	5.25	1.00	U	MS08-1709-11
1,4-Dichlorobenzene	106-46-7	ND	5.25	1.00	U	MS08-1709-11
2,2-Dichloropropane	594-20-7	ND	5.25	1.00	U	MS08-1709-11
2-Butanone	78-93-3	ND	5.25	1.00	U	MS08-1709-11
2-Chloroethylvinylether	110-75-8	ND	5.25	1.00	U	MS08-1709-11
2-Chlorotoluene	95-49-8	ND	5.25	1.00	U	MS08-1709-11
2-Hexanone	591-78-6	ND	5.25	1.00	U	MS08-1709-11
4-Chlorotoluene	106-43-4	ND	5.25	1.00	U	MS08-1709-11
4-Isopropyltoluene	99-87-6	ND	5.25	1.00	U	MS08-1709-11
4-Methyl-2-pentanone	108-10-1	ND	5.25	1.00	U	MS08-1709-11
Acetone	67-64-1	ND	26.2	1.00	U	MS08-1709-11
Benzene	71-43-2	ND	5.25	1.00	U	MS08-1709-11
Bromobenzene	108-86-1	ND	5.25	1.00	U	MS08-1709-11
Bromochloromethane	74-97-5	ND	5.25	1.00	U	MS08-1709-11
Bromodichloromethane	75-27-4	ND	5.25	1.00	U	MS08-1709-11
Bromoform	75-25-2	ND	5.25	1.00	U	MS08-1709-11
Bromomethane	74-83-9	ND	5.25	1.00	U	MS08-1709-11
Carbon Disulfide	75-15-0	ND	5.25	1.00	U	MS08-1709-11
Carbon Tetrachloride	56-23-5	ND	5.25	1.00	U	MS08-1709-11
Chlorobenzene	108-90-7	ND	5.25	1.00	U	MS08-1709-11
Chloroethane	75-00-3	ND	5.25	1.00	U	MS08-1709-11
Chloroform	67-66-3	ND	5.25	1.00	U	MS08-1709-11
Chloromethane	74-87-3	ND	5.25	1.00	U	MS08-1709-11
cis-1,2-Dichloroethene	156-59-2	ND	5.25	1.00	U	MS08-1709-11
cis-1,3-Dichloropropene	10061-01-5	ND	5.25	1.00	U	MS08-1709-11
Dibromochloromethane	124-48-1	ND	5.25	1.00	U	MS08-1709-11

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-5
Lab Sample ID: 14050028-05 (AR09392)

Collection Date: 05/01/2014 12:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 64.0 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS08-1709-11	EPA Method 8260C	05/05/2014 15:30	CAP	NA	NA	Restek, Rtx-VMS, 30 m, 0.25 mm ID, 1.40 µm
Prep 1:	2293	EPA 5035A-L	05/05/2014 10:22	RMS	2.98 g	10.0 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
Dibromomethane	74-95-3	ND	5.25	1.00	U	MS08-1709-11
Dichlorodifluoromethane	75-71-8	ND	5.25	1.00	U	MS08-1709-11
Ethylbenzene	100-41-4	ND	5.25	1.00	U	MS08-1709-11
Hexachlorobutadiene	87-68-3	ND	5.25	1.00	U	MS08-1709-11
Isopropylbenzene	98-82-8	ND	5.25	1.00	U	MS08-1709-11
m&p-Xylene	136777-61-2	ND	5.25	1.00	U	MS08-1709-11
Methylene Chloride	75-09-2	ND	26.2	1.00	U	MS08-1709-11
Methyl-tert-butyl-ether (MTBE)	1634-04-4	ND	5.25	1.00	U	MS08-1709-11
Naphthalene	91-20-3	ND	5.25	1.00	U	MS08-1709-11
n-Butylbenzene	104-51-8	ND	5.25	1.00	U	MS08-1709-11
n-Propylbenzene	103-65-1	ND	5.25	1.00	U	MS08-1709-11
o-Xylene	95-47-6	ND	5.25	1.00	U	MS08-1709-11
sec-Butylbenzene	135-98-8	ND	5.25	1.00	U	MS08-1709-11
Styrene	100-42-5	ND	5.25	1.00	U	MS08-1709-11
tert-Butylbenzene	98-06-6	ND	5.25	1.00	U	MS08-1709-11
Tetrachloroethene	127-18-4	ND	5.25	1.00	U	MS08-1709-11
Toluene	108-88-3	ND	5.25	1.00	U	MS08-1709-11
Total Xylenes	1330-20-7	ND	5.25	1.00	U	MS08-1709-11
trans-1,2-Dichloroethene	156-60-5	ND	5.25	1.00	U	MS08-1709-11
trans-1,3-Dichloropropene	10061-02-6	ND	5.25	1.00	U	MS08-1709-11
Trichloroethene	79-01-6	ND	5.25	1.00	U	MS08-1709-11
Trichlorofluoromethane	75-69-4	ND	5.25	1.00	U	MS08-1709-11
Vinyl Acetate	108-05-4	ND	5.25	1.00	U	MS08-1709-11
Vinyl Chloride	75-01-4	ND	5.25	1.00	U	MS08-1709-11

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Bromofluorobenzene	460-00-4	108	45.4-170		MS08-1709-11
Dibromofluoromethane	1868-53-7	111	79.3-122		MS08-1709-11
toluene-d8	2037-26-5	104	77.0-133		MS08-1709-11
1,2-Dichloroethane-d4	17060-07-0	111	80.9-116		MS08-1709-11

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-6
Lab Sample ID: 14050028-06 (AR09393)

Collection Date: 05/01/2014 12:30
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 68.0 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS08-1709-12	EPA Method 8260C	05/05/2014 15:59	CAP	NA	NA	Restek, Rtx-VMS, 30 m, 0.25 mm ID, 1.40 µm
Prep 1:	2293	EPA 5035A-L	05/05/2014 10:23	RMS	2.23 g	10.0 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
1,1,1,2-Tetrachloroethane	630-20-6	ND	6.59	1.00	U	MS08-1709-12
1,1,1-Trichloroethane	71-55-6	ND	6.59	1.00	U	MS08-1709-12
1,1,2,2-Tetrachloroethane	79-34-5	ND	6.59	1.00	U	MS08-1709-12
1,1,2-Trichloroethane	79-00-5	ND	6.59	1.00	U	MS08-1709-12
1,1-Dichloroethane	75-34-3	ND	6.59	1.00	U	MS08-1709-12
1,1-Dichloroethene	75-35-4	ND	6.59	1.00	U	MS08-1709-12
1,1-Dichloropropene	563-58-6	ND	6.59	1.00	U	MS08-1709-12
1,2,3-Trichlorobenzene	87-61-6	ND	6.59	1.00	U	MS08-1709-12
1,2,3-Trichloropropane	96-18-4	ND	6.59	1.00	U	MS08-1709-12
1,2,4-Trichlorobenzene	120-82-1	ND	6.59	1.00	U	MS08-1709-12
1,2,4-Trimethylbenzene	95-63-6	ND	6.59	1.00	U	MS08-1709-12
1,2-Dibromo-3-chloropropane	96-12-8	ND	6.59	1.00	U	MS08-1709-12
1,2-Dibromoethane	106-93-4	ND	6.59	1.00	U	MS08-1709-12
1,2-Dichlorobenzene	95-50-1	ND	6.59	1.00	U	MS08-1709-12
1,2-Dichloroethane	107-06-2	ND	6.59	1.00	U	MS08-1709-12
1,2-Dichloropropane	78-87-5	ND	6.59	1.00	U	MS08-1709-12
1,3,5-Trimethylbenzene	108-67-8	ND	6.59	1.00	U	MS08-1709-12
1,3-Dichlorobenzene	541-73-1	ND	6.59	1.00	U	MS08-1709-12
1,3-Dichloropropane	142-28-9	ND	6.59	1.00	U	MS08-1709-12
1,4-Dichlorobenzene	106-46-7	ND	6.59	1.00	U	MS08-1709-12
2,2-Dichloropropane	594-20-7	ND	6.59	1.00	U	MS08-1709-12
2-Butanone	78-93-3	ND	6.59	1.00	U	MS08-1709-12
2-Chloroethylvinylether	110-75-8	ND	6.59	1.00	U	MS08-1709-12
2-Chlorotoluene	95-49-8	ND	6.59	1.00	U	MS08-1709-12
2-Hexanone	591-78-6	ND	6.59	1.00	U	MS08-1709-12
4-Chlorotoluene	106-43-4	ND	6.59	1.00	U	MS08-1709-12
4-Isopropyltoluene	99-87-6	ND	6.59	1.00	U	MS08-1709-12
4-Methyl-2-pentanone	108-10-1	ND	6.59	1.00	U	MS08-1709-12
Acetone	67-64-1	ND	33.0	1.00	U	MS08-1709-12
Benzene	71-43-2	ND	6.59	1.00	U	MS08-1709-12
Bromobenzene	108-86-1	ND	6.59	1.00	U	MS08-1709-12
Bromochloromethane	74-97-5	ND	6.59	1.00	U	MS08-1709-12
Bromodichloromethane	75-27-4	ND	6.59	1.00	U	MS08-1709-12
Bromoform	75-25-2	ND	6.59	1.00	U	MS08-1709-12
Bromomethane	74-83-9	ND	6.59	1.00	U	MS08-1709-12
Carbon Disulfide	75-15-0	ND	6.59	1.00	U	MS08-1709-12
Carbon Tetrachloride	56-23-5	ND	6.59	1.00	U	MS08-1709-12
Chlorobenzene	108-90-7	ND	6.59	1.00	U	MS08-1709-12
Chloroethane	75-00-3	ND	6.59	1.00	U	MS08-1709-12
Chloroform	67-66-3	ND	6.59	1.00	U	MS08-1709-12
Chloromethane	74-87-3	ND	6.59	1.00	U	MS08-1709-12
cis-1,2-Dichloroethene	156-59-2	ND	6.59	1.00	U	MS08-1709-12
cis-1,3-Dichloropropene	10061-01-5	ND	6.59	1.00	U	MS08-1709-12
Dibromochloromethane	124-48-1	ND	6.59	1.00	U	MS08-1709-12

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-6
Lab Sample ID: 14050028-06 (AR09393)

Collection Date: 05/01/2014 12:30
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 68.0 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS08-1709-12	EPA Method 8260C	05/05/2014 15:59	CAP	NA	NA	Restek, Rtx-VMS, 30 m, 0.25 mm ID, 1.40 µm
Prep 1:	2293	EPA 5035A-L	05/05/2014 10:23	RMS	2.23 g	10.0 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
Dibromomethane	74-95-3	ND	6.59	1.00	U	MS08-1709-12
Dichlorodifluoromethane	75-71-8	ND	6.59	1.00	U	MS08-1709-12
Ethylbenzene	100-41-4	ND	6.59	1.00	U	MS08-1709-12
Hexachlorobutadiene	87-68-3	ND	6.59	1.00	U	MS08-1709-12
Isopropylbenzene	98-82-8	ND	6.59	1.00	U	MS08-1709-12
m&p-Xylene	136777-61-2	ND	6.59	1.00	U	MS08-1709-12
Methylene Chloride	75-09-2	ND	33.0	1.00	U	MS08-1709-12
Methyl-tert-butyl-ether (MTBE)	1634-04-4	ND	6.59	1.00	U	MS08-1709-12
Naphthalene	91-20-3	ND	6.59	1.00	U	MS08-1709-12
n-Butylbenzene	104-51-8	ND	6.59	1.00	U	MS08-1709-12
n-Propylbenzene	103-65-1	ND	6.59	1.00	U	MS08-1709-12
o-Xylene	95-47-6	ND	6.59	1.00	U	MS08-1709-12
sec-Butylbenzene	135-98-8	ND	6.59	1.00	U	MS08-1709-12
Styrene	100-42-5	ND	6.59	1.00	U	MS08-1709-12
tert-Butylbenzene	98-06-6	ND	6.59	1.00	U	MS08-1709-12
Tetrachloroethene	127-18-4	ND	6.59	1.00	U	MS08-1709-12
Toluene	108-88-3	ND	6.59	1.00	U	MS08-1709-12
Total Xylenes	1330-20-7	ND	6.59	1.00	U	MS08-1709-12
trans-1,2-Dichloroethene	156-60-5	ND	6.59	1.00	U	MS08-1709-12
trans-1,3-Dichloropropene	10061-02-6	ND	6.59	1.00	U	MS08-1709-12
Trichloroethene	79-01-6	ND	6.59	1.00	U	MS08-1709-12
Trichlorofluoromethane	75-69-4	ND	6.59	1.00	U	MS08-1709-12
Vinyl Acetate	108-05-4	ND	6.59	1.00	U	MS08-1709-12
Vinyl Chloride	75-01-4	ND	6.59	1.00	U	MS08-1709-12

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Bromofluorobenzene	460-00-4	127	45.4-170		MS08-1709-12
Dibromofluoromethane	1868-53-7	119	79.3-122		MS08-1709-12
toluene-d8	2037-26-5	114	77.0-133		MS08-1709-12
1,2-Dichloroethane-d4	17060-07-0	114	80.9-116		MS08-1709-12

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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GC/MS Semivolatiles

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-1
Lab Sample ID: 14050028-01 (AR09388)

Collection Date: 05/01/2014 10:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 50.6 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS09-275-13	EPA Method 8270D	05/06/2014 12:53	RMS	NA	NA	N/A
Prep 1:	26334	EPA 3545A	05/02/2014 15:07	JH1	30.0 g	1.00 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
2-Methylnaphthalene	91-57-6	ND	329	1.00	U	MS09-275-13
Acenaphthene	83-32-9	ND	329	1.00	U	MS09-275-13
Acenaphthylene	208-96-8	ND	329	1.00	U	MS09-275-13
Anthracene	120-12-7	ND	329	1.00	U	MS09-275-13
Benzo(a)anthracene	56-55-3	ND	329	1.00	U	MS09-275-13
Benzo(a)pyrene	50-32-8	ND	329	1.00	U	MS09-275-13
Benzo(b)fluoranthene	205-99-2	ND	329	1.00	U	MS09-275-13
Benzo(g,h,i)perylene	191-24-2	ND	329	1.00	U	MS09-275-13
Benzo(k)fluoranthene	207-08-9	ND	329	1.00	U	MS09-275-13
Chrysene	218-01-9	ND	329	1.00	U	MS09-275-13
Dibenz(a,h)anthracene	53-70-3	ND	329	1.00	U	MS09-275-13
Fluoranthene	206-44-0	ND	329	1.00	U	MS09-275-13
Fluorene	86-73-7	ND	329	1.00	U	MS09-275-13
Indeno(1,2,3-cd)pyrene	193-39-5	ND	329	1.00	U	MS09-275-13
Naphthalene	91-20-3	ND	329	1.00	U	MS09-275-13
Phenanthrene	85-01-8	ND	329	1.00	U	MS09-275-13
Pyrene	129-00-0	ND	329	1.00	U	MS09-275-13

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
2-Fluorobiphenyl	321-60-8	58.9	30.0-115		MS09-275-13
Terphenyl-d14	1718-51-0	88.0	18.0-137		MS09-275-13
Nitrobenzene-d5	4165-60-0	49.8	23.0-120		MS09-275-13

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-2
Lab Sample ID: 14050028-02 (AR09389)

Collection Date: 05/01/2014 10:20
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 59.8 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS09-275-14	EPA Method 8270D	05/06/2014 13:11	RMS	NA	NA	N/A
Prep 1:	26334	EPA 3545A	05/02/2014 15:09	JH1	30.3 g	1.00 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
2-Methylnaphthalene	91-57-6	ND	276	1.00	U	MS09-275-14
Acenaphthene	83-32-9	ND	276	1.00	U	MS09-275-14
Acenaphthylene	208-96-8	ND	276	1.00	U	MS09-275-14
Anthracene	120-12-7	ND	276	1.00	U	MS09-275-14
Benzo(a)anthracene	56-55-3	ND	276	1.00	U	MS09-275-14
Benzo(a)pyrene	50-32-8	ND	276	1.00	U	MS09-275-14
Benzo(b)fluoranthene	205-99-2	ND	276	1.00	U	MS09-275-14
Benzo(g,h,i)perylene	191-24-2	ND	276	1.00	U	MS09-275-14
Benzo(k)fluoranthene	207-08-9	ND	276	1.00	U	MS09-275-14
Chrysene	218-01-9	ND	276	1.00	U	MS09-275-14
Dibenz(a,h)anthracene	53-70-3	ND	276	1.00	U	MS09-275-14
Fluoranthene	206-44-0	ND	276	1.00	U	MS09-275-14
Fluorene	86-73-7	ND	276	1.00	U	MS09-275-14
Indeno(1,2,3-cd)pyrene	193-39-5	ND	276	1.00	U	MS09-275-14
Naphthalene	91-20-3	ND	276	1.00	U	MS09-275-14
Phenanthrene	85-01-8	ND	276	1.00	U	MS09-275-14
Pyrene	129-00-0	ND	276	1.00	U	MS09-275-14

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
2-Fluorobiphenyl	321-60-8	63.9	30.0-115		MS09-275-14
Terphenyl-d14	1718-51-0	80.8	18.0-137		MS09-275-14
Nitrobenzene-d5	4165-60-0	61.9	23.0-120		MS09-275-14

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-3
Lab Sample ID: 14050028-03 (AR09390)

Collection Date: 05/01/2014 11:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 77.5 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS09-275-15	EPA Method 8270D	05/06/2014 13:28	RMS	NA	NA	N/A
Prep 1:	26334	EPA 3545A	05/02/2014 15:11	JH1	30.2 g	1.00 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
2-Methylnaphthalene	91-57-6	ND	214	1.00	U	MS09-275-15
Acenaphthene	83-32-9	ND	214	1.00	U	MS09-275-15
Acenaphthylene	208-96-8	ND	214	1.00	U	MS09-275-15
Anthracene	120-12-7	ND	214	1.00	U	MS09-275-15
Benzo(a)anthracene	56-55-3	ND	214	1.00	U	MS09-275-15
Benzo(a)pyrene	50-32-8	ND	214	1.00	U	MS09-275-15
Benzo(b)fluoranthene	205-99-2	ND	214	1.00	U	MS09-275-15
Benzo(g,h,i)perylene	191-24-2	ND	214	1.00	U	MS09-275-15
Benzo(k)fluoranthene	207-08-9	ND	214	1.00	U	MS09-275-15
Chrysene	218-01-9	ND	214	1.00	U	MS09-275-15
Dibenz(a,h)anthracene	53-70-3	ND	214	1.00	U	MS09-275-15
Fluoranthene	206-44-0	ND	214	1.00	U	MS09-275-15
Fluorene	86-73-7	ND	214	1.00	U	MS09-275-15
Indeno(1,2,3-cd)pyrene	193-39-5	ND	214	1.00	U	MS09-275-15
Naphthalene	91-20-3	ND	214	1.00	U	MS09-275-15
Phenanthrene	85-01-8	ND	214	1.00	U	MS09-275-15
Pyrene	129-00-0	ND	214	1.00	U	MS09-275-15

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
2-Fluorobiphenyl	321-60-8	50.3	30.0-115		MS09-275-15
Terphenyl-d14	1718-51-0	74.0	18.0-137		MS09-275-15
Nitrobenzene-d5	4165-60-0	52.3	23.0-120		MS09-275-15

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-4
Lab Sample ID: 14050028-04 (AR09391)

Collection Date: 05/01/2014 11:30
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 83.1 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS09-275-16	EPA Method 8270D	05/06/2014 13:45	RMS	NA	NA	N/A
Prep 1:	26334	EPA 3545A	05/02/2014 15:12	JH1	30.2 g	1.00 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
2-Methylnaphthalene	91-57-6	ND	199	1.00	U	MS09-275-16
Acenaphthene	83-32-9	ND	199	1.00	U	MS09-275-16
Acenaphthylene	208-96-8	ND	199	1.00	U	MS09-275-16
Anthracene	120-12-7	ND	199	1.00	U	MS09-275-16
Benzo(a)anthracene	56-55-3	ND	199	1.00	U	MS09-275-16
Benzo(a)pyrene	50-32-8	ND	199	1.00	U	MS09-275-16
Benzo(b)fluoranthene	205-99-2	ND	199	1.00	U	MS09-275-16
Benzo(g,h,i)perylene	191-24-2	ND	199	1.00	U	MS09-275-16
Benzo(k)fluoranthene	207-08-9	ND	199	1.00	U	MS09-275-16
Chrysene	218-01-9	ND	199	1.00	U	MS09-275-16
Dibenz(a,h)anthracene	53-70-3	ND	199	1.00	U	MS09-275-16
Fluoranthene	206-44-0	ND	199	1.00	U	MS09-275-16
Fluorene	86-73-7	ND	199	1.00	U	MS09-275-16
Indeno(1,2,3-cd)pyrene	193-39-5	ND	199	1.00	U	MS09-275-16
Naphthalene	91-20-3	ND	199	1.00	U	MS09-275-16
Phenanthrene	85-01-8	ND	199	1.00	U	MS09-275-16
Pyrene	129-00-0	ND	199	1.00	U	MS09-275-16

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
2-Fluorobiphenyl	321-60-8	74.8	30.0-115		MS09-275-16
Terphenyl-d14	1718-51-0	106	18.0-137		MS09-275-16
Nitrobenzene-d5	4165-60-0	71.9	23.0-120		MS09-275-16

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

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PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-5
Lab Sample ID: 14050028-05 (AR09392)

Collection Date: 05/01/2014 12:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 64.0 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS09-275-17	EPA Method 8270D	05/06/2014 14:02	RMS	NA	NA	N/A
Prep 1:	26334	EPA 3545A	05/02/2014 15:14	JH1	30.1 g	1.00 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
2-Methylnaphthalene	91-57-6	ND	260	1.00	U	MS09-275-17
Acenaphthene	83-32-9	ND	260	1.00	U	MS09-275-17
Acenaphthylene	208-96-8	ND	260	1.00	U	MS09-275-17
Anthracene	120-12-7	ND	260	1.00	U	MS09-275-17
Benzo(a)anthracene	56-55-3	ND	260	1.00	U	MS09-275-17
Benzo(a)pyrene	50-32-8	ND	260	1.00	U	MS09-275-17
Benzo(b)fluoranthene	205-99-2	ND	260	1.00	U	MS09-275-17
Benzo(g,h,i)perylene	191-24-2	ND	260	1.00	U	MS09-275-17
Benzo(k)fluoranthene	207-08-9	ND	260	1.00	U	MS09-275-17
Chrysene	218-01-9	ND	260	1.00	U	MS09-275-17
Dibenz(a,h)anthracene	53-70-3	ND	260	1.00	U	MS09-275-17
Fluoranthene	206-44-0	ND	260	1.00	U	MS09-275-17
Fluorene	86-73-7	ND	260	1.00	U	MS09-275-17
Indeno(1,2,3-cd)pyrene	193-39-5	ND	260	1.00	U	MS09-275-17
Naphthalene	91-20-3	ND	260	1.00	U	MS09-275-17
Phenanthrene	85-01-8	ND	260	1.00	U	MS09-275-17
Pyrene	129-00-0	ND	260	1.00	U	MS09-275-17

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
2-Fluorobiphenyl	321-60-8	61.1	30.0-115		MS09-275-17
Terphenyl-d14	1718-51-0	102	18.0-137		MS09-275-17
Nitrobenzene-d5	4165-60-0	52.0	23.0-120		MS09-275-17

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-6
Lab Sample ID: 14050028-06 (AR09393)

Collection Date: 05/01/2014 12:30
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 68.0 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS09-275-18	EPA Method 8270D	05/06/2014 14:19	RMS	NA	NA	N/A
Prep 1:	26334	EPA 3545A	05/02/2014 15:17	JH1	30.2 g	1.00 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
2-Methylnaphthalene	91-57-6	ND	244	1.00	U	MS09-275-18
Acenaphthene	83-32-9	ND	244	1.00	U	MS09-275-18
Acenaphthylene	208-96-8	ND	244	1.00	U	MS09-275-18
Anthracene	120-12-7	ND	244	1.00	U	MS09-275-18
Benzo(a)anthracene	56-55-3	ND	244	1.00	U	MS09-275-18
Benzo(a)pyrene	50-32-8	ND	244	1.00	U	MS09-275-18
Benzo(b)fluoranthene	205-99-2	ND	244	1.00	U	MS09-275-18
Benzo(g,h,i)perylene	191-24-2	ND	244	1.00	U	MS09-275-18
Benzo(k)fluoranthene	207-08-9	ND	244	1.00	U	MS09-275-18
Chrysene	218-01-9	ND	244	1.00	U	MS09-275-18
Dibenz(a,h)anthracene	53-70-3	ND	244	1.00	U	MS09-275-18
Fluoranthene	206-44-0	ND	244	1.00	U	MS09-275-18
Fluorene	86-73-7	ND	244	1.00	U	MS09-275-18
Indeno(1,2,3-cd)pyrene	193-39-5	ND	244	1.00	U	MS09-275-18
Naphthalene	91-20-3	ND	244	1.00	U	MS09-275-18
Phenanthrene	85-01-8	ND	244	1.00	U	MS09-275-18
Pyrene	129-00-0	ND	244	1.00	U	MS09-275-18

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
2-Fluorobiphenyl	321-60-8	77.4	30.0-115		MS09-275-18
Terphenyl-d14	1718-51-0	102	18.0-137		MS09-275-18
Nitrobenzene-d5	4165-60-0	77.1	23.0-120		MS09-275-18

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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GC - PCB

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2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-1
Lab Sample ID: 14050028-01 (AR09388)

Collection Date: 05/01/2014 10:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 50.6 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1870-36	SW-846 8082A (PCB)	05/04/2014 21:16	JEB	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	26329	EPA 3546	05/02/2014 11:55	MH	10.5 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0939	1.00	U	GC20F-1870-36
Aroclor 1221	11104-28-2	ND	0.0939	1.00	U	GC20F-1870-36
Aroclor 1232	11141-16-5	ND	0.0939	1.00	U	GC20F-1870-36
Aroclor 1242	53469-21-9	ND	0.0939	1.00	U	GC20F-1870-36
Aroclor 1248	12672-29-6	ND	0.0939	1.00	U	GC20F-1870-36
Aroclor 1254	11097-69-1	**0.518**	0.0939	1.00	AF	GC20F-1870-36
Aroclor 1260	11096-82-5	ND	0.0939	1.00	U	GC20F-1870-36
Total PCB Amount > RL	1336-36-3	**0.518**		1.00		GC20F-1870-36

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	79.3	60.0-140		GC20F-1870-36
Decachlorobiphenyl	2051-24-3	81.3	60.0-140		GC20F-1870-36

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Fax: 518.381.6055

Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-2
Lab Sample ID: 14050028-02 (AR09389)

Collection Date: 05/01/2014 10:20
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 59.8 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1870-37	SW-846 8082A (PCB)	05/04/2014 21:29	JEB	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	26329	EPA 3546	05/02/2014 12:05	MH	10.3 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0808	1.00	U	GC20F-1870-37
Aroclor 1221	11104-28-2	ND	0.0808	1.00	U	GC20F-1870-37
Aroclor 1232	11141-16-5	ND	0.0808	1.00	U	GC20F-1870-37
Aroclor 1242	53469-21-9	ND	0.0808	1.00	U	GC20F-1870-37
Aroclor 1248	12672-29-6	ND	0.0808	1.00	U	GC20F-1870-37
Aroclor 1254	11097-69-1	**0.329**	0.0808	1.00	AF	GC20F-1870-37
Aroclor 1260	11096-82-5	ND	0.0808	1.00	U	GC20F-1870-37
Total PCB Amount > RL	1336-36-3	**0.329**		1.00		GC20F-1870-37

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	83.3	60.0-140		GC20F-1870-37
Decachlorobiphenyl	2051-24-3	84.2	60.0-140		GC20F-1870-37

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PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-3
Lab Sample ID: 14050028-03 (AR09390)

Collection Date: 05/01/2014 11:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 77.5 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1870-38	SW-846 8082A (PCB)	05/04/2014 21:42	JEB	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	26329	EPA 3546	05/02/2014 12:00	MH	10.2 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0633	1.00	U	GC20F-1870-38
Aroclor 1221	11104-28-2	ND	0.0633	1.00	U	GC20F-1870-38
Aroclor 1232	11141-16-5	ND	0.0633	1.00	U	GC20F-1870-38
Aroclor 1242	53469-21-9	ND	0.0633	1.00	U	GC20F-1870-38
Aroclor 1248	12672-29-6	ND	0.0633	1.00	U	GC20F-1870-38
Aroclor 1254	11097-69-1	**0.237**	0.0633	1.00	AF	GC20F-1870-38
Aroclor 1260	11096-82-5	ND	0.0633	1.00	U	GC20F-1870-38
Total PCB Amount > RL	1336-36-3	**0.237**		1.00		GC20F-1870-38

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	93.3	60.0-140		GC20F-1870-38
Decachlorobiphenyl	2051-24-3	98.1	60.0-140		GC20F-1870-38

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PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-4
Lab Sample ID: 14050028-04 (AR09391)

Collection Date: 05/01/2014 11:30
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 83.1 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1870-39	SW-846 8082A (PCB)	05/04/2014 21:54	JEB	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	26329	EPA 3546	05/02/2014 12:06	MH	10.4 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0581	1.00	U	GC20F-1870-39
Aroclor 1221	11104-28-2	ND	0.0581	1.00	U	GC20F-1870-39
Aroclor 1232	11141-16-5	ND	0.0581	1.00	U	GC20F-1870-39
Aroclor 1242	53469-21-9	ND	0.0581	1.00	U	GC20F-1870-39
Aroclor 1248	12672-29-6	ND	0.0581	1.00	U	GC20F-1870-39
Aroclor 1254	11097-69-1	ND	0.0581	1.00	U	GC20F-1870-39
Aroclor 1260	11096-82-5	ND	0.0581	1.00	U	GC20F-1870-39
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC20F-1870-39

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	86.9	60.0-140		GC20F-1870-39
Decachlorobiphenyl	2051-24-3	97.6	60.0-140		GC20F-1870-39

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ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-5
Lab Sample ID: 14050028-05 (AR09392)

Collection Date: 05/01/2014 12:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 64.0 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1870-40	SW-846 8082A (PCB)	05/04/2014 22:07	JEB	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	26329	EPA 3546	05/02/2014 12:10	MH	10.3 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0757	1.00	U	GC20F-1870-40
Aroclor 1221	11104-28-2	ND	0.0757	1.00	U	GC20F-1870-40
Aroclor 1232	11141-16-5	ND	0.0757	1.00	U	GC20F-1870-40
Aroclor 1242	53469-21-9	ND	0.0757	1.00	U	GC20F-1870-40
Aroclor 1248	12672-29-6	ND	0.0757	1.00	U	GC20F-1870-40
Aroclor 1254	11097-69-1	ND	0.0757	1.00	U	GC20F-1870-40
Aroclor 1260	11096-82-5	ND	0.0757	1.00	U	GC20F-1870-40
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC20F-1870-40

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	79.9	60.0-140		GC20F-1870-40
Decachlorobiphenyl	2051-24-3	75.7	60.0-140		GC20F-1870-40

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-6
Lab Sample ID: 14050028-06 (AR09393)

Collection Date: 05/01/2014 12:30
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 68.0 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1870-44	SW-846 8082A (PCB)	05/04/2014 22:57	JEB	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	26343	EPA 3545A	05/04/2014 12:35	KTC	10.2 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0717	1.00	U	GC20F-1870-44
Aroclor 1221	11104-28-2	ND	0.0717	1.00	U	GC20F-1870-44
Aroclor 1232	11141-16-5	ND	0.0717	1.00	U	GC20F-1870-44
Aroclor 1242	53469-21-9	ND	0.0717	1.00	U	GC20F-1870-44
Aroclor 1248	12672-29-6	ND	0.0717	1.00	U	GC20F-1870-44
Aroclor 1254	11097-69-1	**0.273**	0.0717	1.00	AF	GC20F-1870-44
Aroclor 1260	11096-82-5	ND	0.0717	1.00	U	GC20F-1870-44
Total PCB Amount > RL	1336-36-3	**0.273**		1.00		GC20F-1870-44

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	86.9	60.0-140		GC20F-1870-44
Decachlorobiphenyl	2051-24-3	109	60.0-140		GC20F-1870-44

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.
AF-Aroclor 1254 is being reported as the best Aroclor match. The sample exhibits an altered PCB pattern.

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Mercury

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Phone: 518.346.4592
Fax: 518.381.6055

Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-1
Lab Sample ID: 14050028-01 (AR09388)

Collection Date: 05/01/2014 10:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 50.6 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MER1-1557-97	SW-846 7471B	05/09/2014 15:11	CYC	NA	NA	NA
Prep 1:	4552	EPA 7471B	05/09/2014 08:53	CYC	0.209 g	40.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Mercury	7439-97-6	**0.695**	0.0755	1.00		MER1-1557-97

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-2
Lab Sample ID: 14050028-02 (AR09389)

Collection Date: 05/01/2014 10:20
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 59.8 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MER1-1557-100	SW-846 7471B	05/09/2014 15:16	CYC	NA	NA	NA
Prep 1:	4552	EPA 7471B	05/09/2014 08:56	CYC	0.201 g	40.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Mercury	7439-97-6	**0.555**	0.0665	1.00		MER1-1557-100

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-3
Lab Sample ID: 14050028-03 (AR09390)

Collection Date: 05/01/2014 11:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 77.5 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MER1-1557-101	SW-846 7471B	05/09/2014 15:18	CYC	NA	NA	NA
Prep 1:	4552	EPA 7471B	05/09/2014 08:57	CYC	0.210 g	40.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Mercury	7439-97-6	**0.444**	0.0491	1.00		MER1-1557-101

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-4
Lab Sample ID: 14050028-04 (AR09391)

Collection Date: 05/01/2014 11:30
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 83.1 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MER1-1557-102	SW-846 7471B	05/09/2014 15:20	CYC	NA	NA	NA
Prep 1:	4552	EPA 7471B	05/09/2014 08:58	CYC	0.216 g	40.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Mercury	7439-97-6	**0.0482**	0.0446	1.00		MER1-1557-102

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

Job Number: 14050028

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Fax: 518.381.6055

Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-5
Lab Sample ID: 14050028-05 (AR09392)

Collection Date: 05/01/2014 12:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 64.0 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MER1-1557-103	SW-846 7471B	05/09/2014 15:22	CYC	NA	NA	NA
Prep 1:	4552	EPA 7471B	05/09/2014 08:59	CYC	0.196 g	40.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Mercury	7439-97-6	**0.271**	0.0638	1.00		MER1-1557-103

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

Job Number: 14050028

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-6
Lab Sample ID: 14050028-06 (AR09393)

Collection Date: 05/01/2014 12:30
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 68.0 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MER1-1557-104	SW-846 7471B	05/09/2014 15:24	CYC	NA	NA	NA
Prep 1:	4552	EPA 7471B	05/09/2014 09:00	CYC	0.197 g	40.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Mercury	7439-97-6	**0.771**	0.0598	1.00		MER1-1557-104

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Metals - ICP

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Analytical Sample Results

Job Number: 14050028

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Phone: 518.346.4592
Fax: 518.381.6055

Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-1
Lab Sample ID: 14050028-01 (AR09388)

Collection Date: 05/01/2014 10:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 50.6 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	ICP2-1068-33	SW-846 6010C	05/08/2014 13:13	LMS	NA	NA	NA
Prep 1:	4550	EPA 3050B	05/08/2014 09:18	LMS	0.504 g	50.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Arsenic	7440-38-2	**37.2**	9.80	10.0		ICP2-1068-33
Barium	7440-39-3	**3050**	9.80	10.0		ICP2-1068-33
Cadmium	7440-43-9	**12.1**	7.84	10.0		ICP2-1068-33
Chromium	7440-47-3	**10700**	9.80	10.0		ICP2-1068-33
Lead	7439-92-1	**72800**	9.80	10.0		ICP2-1068-33
Selenium	7782-49-2	ND	19.6	10.0	U	ICP2-1068-33
Silver	7440-22-4	ND	13.7	10.0	U	ICP2-1068-33

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

Job Number: 14050028

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-2
Lab Sample ID: 14050028-02 (AR09389)

Collection Date: 05/01/2014 10:20
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 59.8 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	ICP2-1068-55	SW-846 6010C	05/08/2014 14:49	LMS	NA	NA	NA
Prep 1:	4546	EPA 3050B	05/07/2014 14:05	LMS	0.506 g	50.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Arsenic	7440-38-2	**7.74**	1.65	2.00		ICP2-1068-55
Barium	7440-39-3	**635**	1.65	2.00		ICP2-1068-55
Cadmium	7440-43-9	**7.77**	1.32	2.00		ICP2-1068-55
Chromium	7440-47-3	**72.9**	1.65	2.00		ICP2-1068-55
Lead	7439-92-1	**2210**	1.65	2.00		ICP2-1068-55
Selenium	7782-49-2	ND	3.31	2.00	U	ICP2-1068-55
Silver	7440-22-4	ND	2.31	2.00	U	ICP2-1068-55

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-3
Lab Sample ID: 14050028-03 (AR09390)

Collection Date: 05/01/2014 11:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 77.5 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	ICP2-1068-54	SW-846 6010C	05/08/2014 14:46	LMS	NA	NA	NA
Prep 1:	4546	EPA 3050B	05/07/2014 14:06	LMS	0.519 g	50.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Arsenic	7440-38-2	**4.13**	0.621	1.00		ICP2-1068-54
Barium	7440-39-3	**253**	0.621	1.00		ICP2-1068-54
Cadmium	7440-43-9	**2.00**	0.497	1.00		ICP2-1068-54
Chromium	7440-47-3	**26.3**	0.621	1.00		ICP2-1068-54
Lead	7439-92-1	**563**	0.621	1.00		ICP2-1068-54
Selenium	7782-49-2	ND	1.24	1.00	U	ICP2-1068-54
Silver	7440-22-4	ND	0.870	1.00	U	ICP2-1068-54

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-4
Lab Sample ID: 14050028-04 (AR09391)

Collection Date: 05/01/2014 11:30
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 83.1 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	ICP2-1068-56	SW-846 6010C	05/08/2014 14:52	LMS	NA	NA	NA
Prep 1:	4546	EPA 3050B	05/07/2014 14:07	LMS	0.506 g	50.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Arsenic	7440-38-2	**2.24**	0.595	1.00		ICP2-1068-56
Barium	7440-39-3	**51.8**	0.595	1.00		ICP2-1068-56
Cadmium	7440-43-9	ND	0.476	1.00	U	ICP2-1068-56
Chromium	7440-47-3	**9.08**	0.595	1.00		ICP2-1068-56
Lead	7439-92-1	**17.0**	0.595	1.00		ICP2-1068-56
Selenium	7782-49-2	ND	1.19	1.00	U	ICP2-1068-56
Silver	7440-22-4	ND	0.832	1.00	U	ICP2-1068-56

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-5
Lab Sample ID: 14050028-05 (AR09392)

Collection Date: 05/01/2014 12:00
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 64.0 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	ICP2-1068-58	SW-846 6010C	05/08/2014 14:59	LMS	NA	NA	NA
Prep 1:	4546	EPA 3050B	05/07/2014 14:09	LMS	0.514 g	50.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Arsenic	7440-38-2	**45.3**	3.80	5.00		ICP2-1068-58
Barium	7440-39-3	**1660**	3.80	5.00		ICP2-1068-58
Cadmium	7440-43-9	**37.2**	3.04	5.00		ICP2-1068-58
Chromium	7440-47-3	**178**	3.80	5.00		ICP2-1068-58
Lead	7439-92-1	**5170**	3.80	5.00		ICP2-1068-58
Selenium	7782-49-2	ND	7.59	5.00	U	ICP2-1068-58
Silver	7440-22-4	ND	5.31	5.00	U	ICP2-1068-58

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PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Analytical Sample Results

Job Number: 14050028

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: KTP-6
Lab Sample ID: 14050028-06 (AR09393)

Collection Date: 05/01/2014 12:30
Sample Matrix: SOIL
Received Date: 05/01/2014 16:15
Percent Solid: 68.0 - Results are based on dry weight unless otherwise noted.

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	ICP2-1068-61	SW-846 6010C	05/08/2014 15:10	LMS	NA	NA	NA
Prep 1:	4546	EPA 3050B	05/07/2014 14:10	LMS	0.514 g	50.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Arsenic	7440-38-2	**35.9**	3.58	5.00		ICP2-1068-61
Barium	7440-39-3	**1120**	3.58	5.00		ICP2-1068-61
Cadmium	7440-43-9	**8.44**	2.86	5.00		ICP2-1068-61
Chromium	7440-47-3	**68.1**	3.58	5.00		ICP2-1068-61
Lead	7439-92-1	**1950**	3.58	5.00		ICP2-1068-61
Selenium	7782-49-2	ND	7.15	5.00	U	ICP2-1068-61
Silver	7440-22-4	ND	5.01	5.00	U	ICP2-1068-61

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Quality Control Samples (Lab)

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Phone: 518.346.4592
Fax: 518.381.6055

Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: Method Blank (AR09543B)
Lab Sample ID: VBLK-91

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS08-1709-5	EPA Method 8260C	05/05/2014 12:21	CAP	NA	NA	Restek, Rtx-VMS, 30 m, 0.25 mm ID, 1.40 µm
Prep 1:	2293	EPA 5035A-L	05/05/2014 10:00	RMS	4.74 g	10.0 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.11	1.00	U	MS08-1709-5
1,1,1-Trichloroethane	71-55-6	ND	2.11	1.00	U	MS08-1709-5
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.11	1.00	U	MS08-1709-5
1,1,2-Trichloroethane	79-00-5	ND	2.11	1.00	U	MS08-1709-5
1,1-Dichloroethane	75-34-3	ND	2.11	1.00	U	MS08-1709-5
1,1-Dichloroethene	75-35-4	ND	2.11	1.00	U	MS08-1709-5
1,1-Dichloropropene	563-58-6	ND	2.11	1.00	U	MS08-1709-5
1,2,3-Trichlorobenzene	87-61-6	ND	2.11	1.00	U	MS08-1709-5
1,2,3-Trichloropropane	96-18-4	ND	2.11	1.00	U	MS08-1709-5
1,2,4-Trichlorobenzene	120-82-1	ND	2.11	1.00	U	MS08-1709-5
1,2,4-Trimethylbenzene	95-63-6	ND	2.11	1.00	U	MS08-1709-5
1,2-Dibromo-3-chloropropane	96-12-8	ND	2.11	1.00	U	MS08-1709-5
1,2-Dibromoethane	106-93-4	ND	2.11	1.00	U	MS08-1709-5
1,2-Dichlorobenzene	95-50-1	ND	2.11	1.00	U	MS08-1709-5
1,2-Dichloroethane	107-06-2	ND	2.11	1.00	U	MS08-1709-5
1,2-Dichloropropane	78-87-5	ND	2.11	1.00	U	MS08-1709-5
1,3,5-Trimethylbenzene	108-67-8	ND	2.11	1.00	U	MS08-1709-5
1,3-Dichlorobenzene	541-73-1	ND	2.11	1.00	U	MS08-1709-5
1,3-Dichloropropane	142-28-9	ND	2.11	1.00	U	MS08-1709-5
1,4-Dichlorobenzene	106-46-7	ND	2.11	1.00	U	MS08-1709-5
2,2-Dichloropropane	594-20-7	ND	2.11	1.00	U	MS08-1709-5
2-Butanone	78-93-3	ND	2.11	1.00	U	MS08-1709-5
2-Chloroethylvinylether	110-75-8	ND	2.11	1.00	U	MS08-1709-5
2-Chlorotoluene	95-49-8	ND	2.11	1.00	U	MS08-1709-5
2-Hexanone	591-78-6	ND	2.11	1.00	U	MS08-1709-5
4-Chlorotoluene	106-43-4	ND	2.11	1.00	U	MS08-1709-5
4-Isopropyltoluene	99-87-6	ND	2.11	1.00	U	MS08-1709-5
4-Methyl-2-pentanone	108-10-1	ND	2.11	1.00	U	MS08-1709-5
Acetone	67-64-1	ND	10.5	1.00	U	MS08-1709-5
Benzene	71-43-2	ND	2.11	1.00	U	MS08-1709-5
Bromobenzene	108-86-1	ND	2.11	1.00	U	MS08-1709-5
Bromochloromethane	74-97-5	ND	2.11	1.00	U	MS08-1709-5
Bromodichloromethane	75-27-4	ND	2.11	1.00	U	MS08-1709-5
Bromoform	75-25-2	ND	2.11	1.00	U	MS08-1709-5
Bromomethane	74-83-9	ND	2.11	1.00	U	MS08-1709-5
Carbon Disulfide	75-15-0	ND	2.11	1.00	U	MS08-1709-5
Carbon Tetrachloride	56-23-5	ND	2.11	1.00	U	MS08-1709-5
Chlorobenzene	108-90-7	ND	2.11	1.00	U	MS08-1709-5
Chloroethane	75-00-3	ND	2.11	1.00	U	MS08-1709-5
Chloroform	67-66-3	ND	2.11	1.00	U	MS08-1709-5
Chloromethane	74-87-3	ND	2.11	1.00	U	MS08-1709-5
cis-1,2-Dichloroethene	156-59-2	ND	2.11	1.00	U	MS08-1709-5
cis-1,3-Dichloropropene	10061-01-5	ND	2.11	1.00	U	MS08-1709-5
Dibromochloromethane	124-48-1	ND	2.11	1.00	U	MS08-1709-5

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: Method Blank (AR09543B)
Lab Sample ID: VBLK-91

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS08-1709-5	EPA Method 8260C	05/05/2014 12:21	CAP	NA	NA	Restek, Rtx-VMS, 30 m, 0.25 mm ID, 1.40 µm
Prep 1:	2293	EPA 5035A-L	05/05/2014 10:00	RMS	4.74 g	10.0 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
Dibromomethane	74-95-3	ND	2.11	1.00	U	MS08-1709-5
Dichlorodifluoromethane	75-71-8	ND	2.11	1.00	U	MS08-1709-5
Ethylbenzene	100-41-4	ND	2.11	1.00	U	MS08-1709-5
Hexachlorobutadiene	87-68-3	ND	2.11	1.00	U	MS08-1709-5
Isopropylbenzene	98-82-8	ND	2.11	1.00	U	MS08-1709-5
m&p-Xylene	136777-61-2	ND	2.11	1.00	U	MS08-1709-5
Methylene Chloride	75-09-2	ND	10.5	1.00	U	MS08-1709-5
Methyl-tert-butyl-ether (MTBE)	1634-04-4	ND	2.11	1.00	U	MS08-1709-5
Naphthalene	91-20-3	ND	2.11	1.00	U	MS08-1709-5
n-Butylbenzene	104-51-8	ND	2.11	1.00	U	MS08-1709-5
n-Propylbenzene	103-65-1	ND	2.11	1.00	U	MS08-1709-5
o-Xylene	95-47-6	ND	2.11	1.00	U	MS08-1709-5
sec-Butylbenzene	135-98-8	ND	2.11	1.00	U	MS08-1709-5
Styrene	100-42-5	ND	2.11	1.00	U	MS08-1709-5
tert-Butylbenzene	98-06-6	ND	2.11	1.00	U	MS08-1709-5
Tetrachloroethene	127-18-4	ND	2.11	1.00	U	MS08-1709-5
Toluene	108-88-3	ND	2.11	1.00	U	MS08-1709-5
Total Xylenes	1330-20-7	ND	2.11	1.00	U	MS08-1709-5
trans-1,2-Dichloroethene	156-60-5	ND	2.11	1.00	U	MS08-1709-5
trans-1,3-Dichloropropene	10061-02-6	ND	2.11	1.00	U	MS08-1709-5
Trichloroethene	79-01-6	ND	2.11	1.00	U	MS08-1709-5
Trichlorofluoromethane	75-69-4	ND	2.11	1.00	U	MS08-1709-5
Vinyl Acetate	108-05-4	ND	2.11	1.00	U	MS08-1709-5
Vinyl Chloride	75-01-4	ND	2.11	1.00	U	MS08-1709-5

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Bromofluorobenzene	460-00-4	117	45.4-170		MS08-1709-5
Dibromofluoromethane	1868-53-7	116	79.3-122		MS08-1709-5
toluene-d8	2037-26-5	110	77.0-133		MS08-1709-5
1,2-Dichloroethane-d4	17060-07-0	103	80.9-116		MS08-1709-5

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

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PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: Lab Control Sample (AR09543L)
Lab Sample ID: LCS-91

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS08-1709-3	EPA Method 8260C	05/05/2014 10:52	CAP	NA	NA	Restek, Rtx-VMS, 30 m, 0.25 mm ID, 1.40 µm
Prep 1:	2293	EPA 5035A-L	05/05/2014 10:01	RMS	4.85 g	10.0 mL	NA

Analyte Spiked	CAS No.	Added (ug/kg)	LCS (ug/kg)	LCS % Rec.	Q[1]	Limits (%)
1,1,1,2-Tetrachloroethane	630-20-6	82.4	77.3	93.7		70.0-130
1,1,1-Trichloroethane	71-55-6	82.4	70.9	86.0		70.0-130
1,1,2,2-Tetrachloroethane	79-34-5	82.4	85.3	104		70.0-130
1,1,2-Trichloroethane	79-00-5	82.4	76.5	92.8		70.0-130
1,1-Dichloroethane	75-34-3	82.4	70.0	84.9		70.0-130
1,1-Dichloroethene	75-35-4	82.4	71.5	86.7		70.0-130
1,1-Dichloropropene	563-58-6	82.4	73.1	88.7		70.0-130
1,2,3-Trichlorobenzene	87-61-6	82.4	94.6	115		70.0-130
1,2,3-Trichloropropane	96-18-4	82.4	116	141	*	70.0-130
1,2,4-Trichlorobenzene	120-82-1	82.4	90.9	110		70.0-130
1,2,4-Trimethylbenzene	95-63-6	82.4	79.2	96.1		70.0-130
1,2-Dibromo-3-chloropropane	96-12-8	82.4	83.6	101		70.0-130
1,2-Dibromoethane	106-93-4	82.4	81.7	99.1		70.0-130
1,2-Dichlorobenzene	95-50-1	82.4	91.0	110		70.0-130
1,2-Dichloroethane	107-06-2	82.4	72.0	87.3		70.0-130
1,2-Dichloropropane	78-87-5	82.4	70.0	84.9		70.0-130
1,3,5-Trimethylbenzene	108-67-8	82.4	84.2	102		70.0-130
1,3-Dichlorobenzene	541-73-1	82.4	86.7	105		70.0-130
1,3-Dichloropropane	142-28-9	82.4	81.7	99.1		70.0-130
1,4-Dichlorobenzene	106-46-7	82.4	108	131	*	70.0-130
2,2-Dichloropropane	594-20-7	82.4	69.4	84.1		70.0-130
2-Butanone	78-93-3	82.4	96.2	117		70.0-130
2-Chloroethylvinylether	110-75-8	82.4	94.9	115		70.0-130
2-Chlorotoluene	95-49-8	82.4	81.8	99.2		70.0-130
2-Hexanone	591-78-6	82.4	83.5	101		70.0-130
4-Chlorotoluene	106-43-4	82.4	89.4	108		70.0-130
4-Isopropyltoluene	99-87-6	82.4	81.5	98.8		70.0-130
4-Methyl-2-pentanone	108-10-1	82.4	91.0	110		70.0-130
Acetone	67-64-1	82.4	94.1	114		70.0-130
Benzene	71-43-2	82.4	71.4	86.6		70.0-130
Bromobenzene	108-86-1	82.4	80.6	97.7		70.0-130
Bromochloromethane	74-97-5	82.4	77.2	93.6		70.0-130
Bromodichloromethane	75-27-4	82.4	72.8	88.3		70.0-130
Bromoform	75-25-2	82.4	99.2	120		70.0-130
Bromomethane	74-83-9	82.4	9.13	11.1	*	70.0-130
Carbon Disulfide	75-15-0	82.4	69.8	84.7		70.0-130
Carbon Tetrachloride	56-23-5	82.4	73.2	88.8		70.0-130
Chlorobenzene	108-90-7	82.4	83.5	101		70.0-130
Chloroethane	75-00-3	82.4	58.4	70.8		70.0-130
Chloroform	67-66-3	82.4	64.7	78.5		70.0-130
Chloromethane	74-87-3	82.4	59.5	72.2		70.0-130
cis-1,2-Dichloroethene	156-59-2	82.4	72.5	88.0		70.0-130
cis-1,3-Dichloropropene	10061-01-5	82.4	73.1	88.7		70.0-130
Dibromochloromethane	124-48-1	82.4	82.2	99.7		70.0-130
Dibromomethane	74-95-3	82.4	74.2	90.0		70.0-130
Dichlorodifluoromethane	75-71-8	82.4	73.2	88.7		70.0-130
Ethylbenzene	100-41-4	82.4	73.3	88.9		70.0-130
Hexachlorobutadiene	87-68-3	82.4	88.3	107		70.0-130
Isopropylbenzene	98-82-8	82.4	83.1	101		70.0-130
m&p-Xylene	136777-61-2	165	153	92.7		70.0-130
Methylene Chloride	75-09-2	82.4	72.7	88.2		70.0-130
Methyl-tert-butyl-ether (MTBE)	1634-04-4	82.4	74.0	89.7		70.0-130

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Quality Control Results
Lab Control Sample (LCS)
Job Number: 14050028

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: Lab Control Sample (AR09543L)
Lab Sample ID: LCS-91

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS08-1709-3	EPA Method 8260C	05/05/2014 10:52	CAP	NA	NA	Restek, Rtx-VMS, 30 m, 0.25 mm ID, 1.40 µm
Prep 1:	2293	EPA 5035A-L	05/05/2014 10:01	RMS	4.85 g	10.0 mL	NA

Analyte Spiked	CAS No.	Added (ug/kg)	LCS (ug/kg)	LCS % Rec.	Q[1]	Limits (%)
Naphthalene	91-20-3	82.4	96.6	117		70.0-130
n-Butylbenzene	104-51-8	82.4	80.1	97.2		70.0-130
n-Propylbenzene	103-65-1	82.4	77.9	94.5		70.0-130
o-Xylene	95-47-6	82.4	71.5	86.7		70.0-130
sec-Butylbenzene	135-98-8	82.4	80.5	97.7		70.0-130
Styrene	100-42-5	82.4	85.6	104		70.0-130
tert-Butylbenzene	98-06-6	82.4	82.5	100		70.0-130
Tetrachloroethene	127-18-4	82.4	69.7	84.6		70.0-130
Toluene	108-88-3	82.4	73.2	88.7		70.0-130
Total Xylenes	1330-20-7	247	225	90.7		70.0-130
trans-1,2-Dichloroethene	156-60-5	82.4	66.3	80.4		70.0-130
trans-1,3-Dichloropropene	10061-02-6	82.4	80.4	97.5		70.0-130
Trichloroethene	79-01-6	82.4	69.7	84.6		70.0-130
Trichlorofluoromethane	75-69-4	82.4	63.6	77.1		70.0-130
Vinyl Acetate	108-05-4	82.4	70.2	85.2		70.0-130
Vinyl Chloride	75-01-4	82.4	61.2	74.3		70.0-130

[1]Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Bromofluorobenzene	460-00-4	108	45.4-170		MS08-1709-3
Dibromofluoromethane	1868-53-7	101	79.3-122		MS08-1709-3
toluene-d8	2037-26-5	98.8	77.0-133		MS08-1709-3
1,2-Dichloroethane-d4	17060-07-0	101	80.9-116		MS08-1709-3

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Quality Control Results
Method Blank

Job Number: 14050028

Pace Analytical Services, Inc.
2190 Technology Drive
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Phone: 518.346.4592
Fax: 518.381.6055

Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: Method Blank (AR09104B)
Lab Sample ID: SBLK-05

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS09-275-4	EPA Method 8270D	05/06/2014 10:23	RMS	NA	NA	N/A
Prep 1:	26334	EPA 3545A	05/02/2014 14:50	JH1	30.0 g	1.00 mL	NA

Analyte	CAS No.	Result (ug/kg)	PQL	Dilution Factor	Flags	File ID
2-Methylnaphthalene	91-57-6	ND	167	1.00	U	MS09-275-4
Acenaphthene	83-32-9	ND	167	1.00	U	MS09-275-4
Acenaphthylene	208-96-8	ND	167	1.00	U	MS09-275-4
Anthracene	120-12-7	ND	167	1.00	U	MS09-275-4
Benzo(a)anthracene	56-55-3	ND	167	1.00	U	MS09-275-4
Benzo(a)pyrene	50-32-8	ND	167	1.00	U	MS09-275-4
Benzo(b)fluoranthene	205-99-2	ND	167	1.00	U	MS09-275-4
Benzo(g,h,i)perylene	191-24-2	ND	167	1.00	U	MS09-275-4
Benzo(k)fluoranthene	207-08-9	ND	167	1.00	U	MS09-275-4
Chrysene	218-01-9	ND	167	1.00	U	MS09-275-4
Dibenz(a,h)anthracene	53-70-3	ND	167	1.00	U	MS09-275-4
Fluoranthene	206-44-0	ND	167	1.00	U	MS09-275-4
Fluorene	86-73-7	ND	167	1.00	U	MS09-275-4
Indeno(1,2,3-cd)pyrene	193-39-5	ND	167	1.00	U	MS09-275-4
Naphthalene	91-20-3	ND	167	1.00	U	MS09-275-4
Phenanthrene	85-01-8	ND	167	1.00	U	MS09-275-4
Pyrene	129-00-0	ND	167	1.00	U	MS09-275-4

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
2-Fluorobiphenyl	321-60-8	49.4	30.0-115		MS09-275-4
Terphenyl-d14	1718-51-0	66.0	18.0-137		MS09-275-4
Nitrobenzene-d5	4165-60-0	50.3	23.0-120		MS09-275-4

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

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Quality Control Results
Lab Control Sample (LCS)
Job Number: 14050028

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: Lab Control Sample (AR09104L)
Lab Sample ID: LCS-05

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MS09-275-5	EPA Method 8270D	05/06/2014 10:37	RMS	NA	NA	N/A
Prep 1:	26334	EPA 3545A	05/02/2014 14:51	JH1	30.1 g	1.00 mL	NA

Analyte Spiked	CAS No.	Added (ug/kg)	LCS (ug/kg)	LCS % Rec.	Q[1]	Limits (%)
2-Methylnaphthalene	91-57-6	3330	1860	55.9		37.0-112
Acenaphthene	83-32-9	3330	2030	61.1		33.0-117
Acenaphthylene	208-96-8	3330	2090	62.7		36.0-112
Anthracene	120-12-7	3330	2270	68.1		33.0-125
Benzo(a)anthracene	56-55-3	3330	2140	64.3		41.0-127
Benzo(a)pyrene	50-32-8	3330	2180	65.6		27.0-127
Benzo(b)fluoranthene	205-99-2	3330	2330	70.0		36.0-126
Benzo(g,h,i)perylene	191-24-2	3330	2610	78.6		25.0-120
Benzo(k)fluoranthene	207-08-9	3330	2330	70.0		44.0-125
Chrysene	218-01-9	3330	2140	64.2		41.0-123
Dibenz(a,h)anthracene	53-70-3	3330	2690	80.9		35.0-118
Fluoranthene	206-44-0	3330	2430	73.1		33.0-118
Fluorene	86-73-7	3330	2080	62.4		29.0-120
Indeno(1,2,3-cd)pyrene	193-39-5	3330	2710	81.4		35.0-113
Naphthalene	91-20-3	3330	1830	54.9		24.0-119
Phenanthrene	85-01-8	3330	2200	66.0		41.0-118
Pyrene	129-00-0	3330	2170	65.2		42.0-122

[1]Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
2-Fluorobiphenyl	321-60-8	66.7	30.0-115		MS09-275-5
Terphenyl-d14	1718-51-0	78.4	18.0-137		MS09-275-5
Nitrobenzene-d5	4165-60-0	68.7	23.0-120		MS09-275-5

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Quality Control Results
Method Blank

Job Number: 14050028

Pace Analytical Services, Inc.
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Phone: 518.346.4592
Fax: 518.381.6055

Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: Method Blank (AR09388B)
Lab Sample ID: PBLK-04

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1870-34	SW-846 8082A (PCB)	05/04/2014 20:51	JEB	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	26329	EPA 3546	05/02/2014 11:52	MH	10.3 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0500	1.00	U	GC20F-1870-34
Aroclor 1221	11104-28-2	ND	0.0500	1.00	U	GC20F-1870-34
Aroclor 1232	11141-16-5	ND	0.0500	1.00	U	GC20F-1870-34
Aroclor 1242	53469-21-9	ND	0.0500	1.00	U	GC20F-1870-34
Aroclor 1248	12672-29-6	ND	0.0500	1.00	U	GC20F-1870-34
Aroclor 1254	11097-69-1	ND	0.0500	1.00	U	GC20F-1870-34
Aroclor 1260	11096-82-5	ND	0.0500	1.00	U	GC20F-1870-34
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC20F-1870-34

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	92.2	60.0-140		GC20F-1870-34
Decachlorobiphenyl	2051-24-3	102	60.0-140		GC20F-1870-34

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Quality Control Results
Lab Control Sample (LCS)

Job Number: 14050028

Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: Lab Control Sample (AR09388L)
Lab Sample ID: LCS-04

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1870-35	SW-846 8082A (PCB)	05/04/2014 21:04	JEB	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	26329	EPA 3546	05/02/2014 11:53	MH	10.2 g	25.0 mL	NA

Analyte Spiked	CAS No.	Added (ug/g)	LCS (ug/g)	LCS % Rec.	Q[1]	Limits (%)
Aroclor 1016	12674-11-2	1.22	1.23	100		70.0-130

[1]Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	91.7	60.0-140		GC20F-1870-35
Decachlorobiphenyl	2051-24-3	103	60.0-140		GC20F-1870-35

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

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Quality Control Results
Method Blank

Job Number: 14050028

Pace Analytical Services, Inc.
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Phone: 518.346.4592
Fax: 518.381.6055

Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: Method Blank (AR09393B)
Lab Sample ID: PBLK-13

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1870-41	SW-846 8082A (PCB)	05/04/2014 22:19	JEB	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	26343	EPA 3545A	05/04/2014 12:33	KTC	10.1 g	25.0 mL	NA

Analyte	CAS No.	Result (ug/g)	PQL	Dilution Factor	Flags	File ID
Aroclor 1016	12674-11-2	ND	0.0500	1.00	U	GC20F-1870-41
Aroclor 1221	11104-28-2	ND	0.0500	1.00	U	GC20F-1870-41
Aroclor 1232	11141-16-5	ND	0.0500	1.00	U	GC20F-1870-41
Aroclor 1242	53469-21-9	ND	0.0500	1.00	U	GC20F-1870-41
Aroclor 1248	12672-29-6	ND	0.0500	1.00	U	GC20F-1870-41
Aroclor 1254	11097-69-1	ND	0.0500	1.00	U	GC20F-1870-41
Aroclor 1260	11096-82-5	ND	0.0500	1.00	U	GC20F-1870-41
Total PCB Amount > RL	1336-36-3	ND		1.00	U	GC20F-1870-41

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	87.1	60.0-140		GC20F-1870-41
Decachlorobiphenyl	2051-24-3	102	60.0-140		GC20F-1870-41

[1]Qualifier column where '*' denotes value outside the control limits or 'D' denotes value was diluted out.

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Quality Control Results
Lab Control Sample (LCS)
Job Number: 14050028

Pace Analytical Services, Inc.
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Schenectady, NY 12308
Phone: 518.346.4592
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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: Lab Control Sample (AR09393L)
Lab Sample ID: LCS-13

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	GC20F-1870-42	SW-846 8082A (PCB)	05/04/2014 22:32	JEB	NA	NA	Phenomenex, Zebron ZB-1MS, 20 m, 0.18 mm ID, 0.18 µm
Prep 1:	26343	EPA 3545A	05/04/2014 12:33	KTC	10.2 g	25.0 mL	NA

Analyte Spiked	CAS No.	Added (ug/g)	LCS (ug/g)	LCS % Rec.	Q[1]	Limits (%)
Aroclor 1016	12674-11-2	1.23	1.23	100		70.0-130

[1]Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

Surrogate	CAS No.	% Recovery	Limits (%)	Q[1]	File ID
Tetrachloro-meta-xylene	877-09-8	95.2	60.0-140		GC20F-1870-42
Decachlorobiphenyl	2051-24-3	107	60.0-140		GC20F-1870-42

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: Method Blank (AR09388B)
Lab Sample ID: PBS-04

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MER1-1557-95	SW-846 7471B	05/09/2014 15:07	CYC	NA	NA	NA
Prep 1:	4552	EPA 7471B	05/09/2014 08:52	CYC	0.200 g	40.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Mercury	7439-97-6	ND	0.0400	1.00	U	MER1-1557-95

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Quality Control Results
Lab Control Sample (LCS)

Job Number: 14050028

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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: Lab Control Sample (AR09388L)
Lab Sample ID: LCS-04

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	MER1-1557-96	SW-846 7471B	05/09/2014 15:09	CYC	NA	NA	NA
Prep 1:	4552	EPA 7471B	05/09/2014 08:52	CYC	0.199 g	40.0 mL	NA

Analyte Spiked	CAS No.	Added (mg/kg)	LCS (mg/kg)	LCS % Rec.	Q[1]	Limits (%)
Mercury	7439-97-6	9.03	8.71	96.5		71.4-128

[1]Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

ND: Denotes analyte not detected at a concentration greater than the PQL.
PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Pace Analytical®

Quality Control Results
Method Blank

Job Number: 14050028

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: Method Blank (AR09550B)
Lab Sample ID: PBS-01

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	ICP2-1068-43	SW-846 6010C	05/08/2014 14:20	LMS	NA	NA	NA
Prep 1:	4546	EPA 3050B	05/07/2014 13:56	LMS	0.513 g	50.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Arsenic	7440-38-2	ND	0.487	1.00	U	ICP2-1068-43
Barium	7440-39-3	ND	0.487	1.00	U	ICP2-1068-43
Cadmium	7440-43-9	ND	0.390	1.00	U	ICP2-1068-43
Chromium	7440-47-3	ND	0.487	1.00	U	ICP2-1068-43
Lead	7439-92-1	ND	0.487	1.00	U	ICP2-1068-43
Selenium	7782-49-2	ND	0.974	1.00	U	ICP2-1068-43
Silver	7440-22-4	ND	0.682	1.00	U	ICP2-1068-43

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PQL (Practical Quantitation Limit). Denotes lowest analyte concentration reportable for the sample.

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Pace Analytical®

Quality Control Results
Lab Control Sample (LCS)
Job Number: 14050028

Pace Analytical Services, Inc.
2190 Technology Drive
Schenectady, NY 12308
Phone: 518.346.4592
Fax: 518.381.6055

Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: Lab Control Sample (AR09550L)
Lab Sample ID: LCS-01

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	ICP2-1068-44	SW-846 6010C	05/08/2014 14:22	LMS	NA	NA	NA
Prep 1:	4546	EPA 3050B	05/07/2014 13:57	LMS	0.495 g	50.0 mL	NA

Analyte Spiked	CAS No.	Added (mg/kg)	LCS (mg/kg)	LCS % Rec.	Q[1]	Limits (%)
Arsenic	7440-38-2	88.4	83.2	94.1		80.9-119
Barium	7440-39-3	210	197	93.9		83.8-117
Cadmium	7440-43-9	143	133	93.0		81.1-118
Chromium	7440-47-3	86.8	80.7	92.9		79.8-120
Lead	7439-92-1	97.9	92.7	94.7		81.7-118
Selenium	7782-49-2	127	118	92.7		77.5-123
Silver	7440-22-4	66.2	61.8	93.4		74.9-125

[1]Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

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Quality Control Results
Method Blank

Job Number: 14050028

Pace Analytical Services, Inc.
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Phone: 518.346.4592
Fax: 518.381.6055

Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: Method Blank (AR09810B)
Lab Sample ID: PBS-03

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	ICP2-1068-24	SW-846 6010C	05/08/2014 12:48	LMS	NA	NA	NA
Prep 1:	4550	EPA 3050B	05/08/2014 09:09	LMS	0.497 g	50.0 mL	NA

Analyte	CAS No.	Result (mg/kg)	PQL	Dilution Factor	Flags	File ID
Arsenic	7440-38-2	ND	0.503	1.00	U	ICP2-1068-24
Barium	7440-39-3	ND	0.503	1.00	U	ICP2-1068-24
Cadmium	7440-43-9	ND	0.402	1.00	U	ICP2-1068-24
Chromium	7440-47-3	ND	0.503	1.00	U	ICP2-1068-24
Lead	7439-92-1	ND	0.503	1.00	U	ICP2-1068-24
Selenium	7782-49-2	ND	1.01	1.00	U	ICP2-1068-24
Silver	7440-22-4	ND	0.704	1.00	U	ICP2-1068-24

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Quality Control Results
Lab Control Sample (LCS)
Job Number: 14050028

Pace Analytical Services, Inc.
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Client: KANE ENVIRONMENTAL
Project: SARATOGA NHP TRACT 01-159
Client Sample ID: Lab Control Sample (AR09810L)
Lab Sample ID: LCS-03

Collection Date: N/A
Sample Matrix: SOIL
Received Date: N/A
Percent Solid: N/A

	Batch ID	Method	Date	Analyst	Init Wt./Vol.	Final Vol.	Column
Analysis 1:	ICP2-1068-25	SW-846 6010C	05/08/2014 12:50	LMS	NA	NA	NA
Prep 1:	4550	EPA 3050B	05/08/2014 09:11	LMS	0.496 g	50.0 mL	NA

Analyte Spiked	CAS No.	Added (mg/kg)	LCS (mg/kg)	LCS % Rec.	Q[1]	Limits (%)
Arsenic	7440-38-2	88.4	85.0	96.1		80.9-119
Barium	7440-39-3	210	202	96.1		83.8-117
Cadmium	7440-43-9	143	131	91.6		81.1-118
Chromium	7440-47-3	86.8	81.2	93.5		79.8-120
Lead	7439-92-1	97.9	92.4	94.4		81.7-118
Selenium	7782-49-2	127	118	92.9		77.5-123
Silver	7440-22-4	66.2	63.7	96.3		74.9-125

[1]Qualifier column where '*' denotes value outside the control limits. Note: RPD criteria does not apply if either the sample and duplicate sample are not detected.

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ATTACHMENT I
ENVIRONMENTAL PROFESSIONAL QUALIFICATIONS

KANE ENVIRONMENTAL, INC.

Maria Dunlavey
Staff Geologist

Professional Profile

CREDENTIALS

- Sc.B., Geology and Biology, Brown University; Providence, RI, 2012

PROFESSIONAL CERTIFICATIONS

- Certified 40-Hr Hazardous Waste Operations and Emergency Response (HAZWOPER).

FIELDS OF COMPETENCE

- Washington Department of Ecology Model Toxics Control Act (MTCA) Regulations
- ASTM 1527-05 Standard Practice for Phase I Environmental Site Assessment
- Aerial Photo Interpretation and Historical Research
- AutoCAD LT 2012

EXPERIENCE SUMMARY

Ms. Dunlavey has experience performing Phase I and Phase II Environmental Site Assessments, and conducting fieldwork during Groundwater Monitoring and Remedial Action.

KEY PROJECTS

- Phase I & Limited Phase II Environmental Site Assessment for a commercial property in Kent, Washington.
- Phase I Environmental Site Assessment for a commercial property in Albany, Oregon.
- Phase I Environmental Site Assessment for three multi-family residential properties in Seattle, Washington.
- Phase I Environmental Site Assessment for a commercial property in Bellevue, Washington.
- Assisted with soil and groundwater sampling for Phase II Environmental Site Assessments and Groundwater Monitoring in Seattle, Washington and Lynnwood, Washington.
- Assisted with soil vapor sampling in Seattle, Washington.
- Assisted with a remedial action in Lynnwood, Washington.

CONTACT

mdunlavey@kane-environmental.com

KANE ENVIRONMENTAL, INC.

John R. Kane, P.G.
President/Principal

Professional Profile

CREDENTIALS

- M.B.A., Western Washington University, Bellingham, WA, 1986
- B.S., Geoscience, Hobart College, Geneva, NY, 1979

PROFESSIONAL CERTIFICATIONS

- Washington State Registered Geologist and Hydrogeologist #1193
- Certified Geologist in Training (GIT), State of Oregon
- Licensed UST Site Assessor – Washington #0879087-36
- Licensed Asbestos Building Inspector – Certification #1007243

PROFESSIONAL AFFILIATIONS

- Association of Professional Geologists (AIPG)
- Geological Society of America
- Chairman – Ballard Interbay North Manufacturing & Industrial Center (BINMIC) Committee
- Member - Executive Committee Manufacturing Industrial Council (MIC) of Seattle

FIELDS OF COMPETENCE

- Project Management
- Environmental Investigations
- Remediation Technologies
- Design, Implementation and Maintenance of Ground Water Monitoring Systems
- Hydrogeologic Characterization
- Superfund Remedial Investigation/ Feasibility Studies
- Public Presentations
- Exploratory Drilling Programs
- Design and Implementation of Soil and Ground Water Remediation Systems
- Soil Gas and Geophysics Surveys

PRESENTATIONS/PUBLICATIONS

1989. *Central San Francisco Bay Projects: Dredged Material Disposal Site Investigation*, November. U.S. Army Corps of Engineers.

1998. Cost-Estimating presentation at the Environmental Bankers Association National Meeting in Seattle using the Monte Carlo statistical technique with the Crystal Ball software.

EXPERIENCE SUMMARY

Twenty-three years of experience as a geologist and hydrogeologist in Brownfields redevelopment, CERCLA Remedial Investigation/ Feasibility Study (RI/FS) projects, underground storage tank (UST) investigations, landfill investigations, Phase I/II/III Site Assessments, mining site investigations and evaluating remedial actions. Major skill areas include project management, field operations management, project planning and cost estimation, evaluating remedial technologies and representing clients during negotiations with agencies and citizen groups.

KEY PROJECTS

- Completing a Brownfields Redevelopment remediation project under a Prospective Purchaser Agreement Consent Decree with the Washington State Department of Ecology for the Juanita Village commercial and residential development in Kirkland, WA.

- Completed hundreds Phase I Environmental Site Assessments for small and large clients in the Puget Sound Region and United States over the past 10 years.

- Performed third-party reviews for Phase I/II/III Site Assessments for Key Bank with branch offices in the State of Washington. Reviewed and recommended changes to the bank's environmental risk policy.

- Managed team of technical and support staff to complete surface water, ground water, soil, marine sediment, and runway ditch sediment RI/FS for the Naval Air Station (NAS) Whidbey Island Ault Landing Field. Investigation covered three areas: a runway drainage ditch system that received influx of hazardous solvents and fuels from maintenance of Navy jets; an underground storage tank and oil/water separator system; and a freshwater lagoon as the potential receptor of the contamination. Project involved evaluating engineering alternatives to stormwater run-off of the jet runways. Completed Final RI/FS Reports and negotiated cleanup with EPA and Ecology.

KEY PROJECTS, CONTINUED

Project field work completed on time and within budget.

- Assisted in writing an Environmental Impact Statement (EIS) for sediment dredging at the Port of Oakland, CA for the Army Corps of Engineers. Evaluated sediment disposal areas at marine and upland wetland restoration sites.

- Field Operations Manager for landfill investigation at the NAS Whidbey Island, Washington. Managed field team collecting over 1,000 soil samples, installing 18 ground water wells, and interpreted ground water, soil and air investigation data. Submitted remedial investigation report to EPA and Ecology.

- Managed environmental investigation for Washington Department of Ecology at the historic gold and silver smelter site in Everett, WA. Collected, analyzed, interpreted data following state environmental regulations of over 350 soil samples to characterize arsenic and lead contamination in a residential area.

- Managed team of technical and support staff to complete surface water, ground water, soil and marine sediment (RI/FS) at Seaplane Base NAS Whidbey Island for the U.S. Navy. The investigation included five areas that served as industrial and service support facilities or waste disposal sites within the Seaplane Base. These areas included two pesticide/PCB storage buildings, a seaplane maintenance hangar, a seaplane salvage and industrial solvent storage yard, and a hazardous waste landfill. Successfully negotiated with EPA and Ecology for limited cleanup at the site following CERCLA and Washington Department of Ecology Model Toxics Control Act (MTCA) cleanup requirements. Project completed on schedule and within budget.

- Project Manager for Resource Conservation and Recovery Act (RCRA) RFI Phase II site assessment investigation of paint manufacturing site in Eugene, OR. Evaluated existing data and submitted report to EPA Region 10 evaluating soil and ground water sampling to characterize site contamination.

- Project Manager for RFI investigation of a landfill and incineration plant in Bellingham, WA. Evaluated existing soil and ground water data and collected ground water samples. Submitted results of investigation to EPA Region 10 recommending no further action at site.

- Geologist for the Old Works Engineering Evaluation and Cost Analysis (EE/CA) and Smelter Hill RI/FS Superfund sites in Anaconda, MT. This site was the former location of the historic smelters for copper ore mined in Butte, MT dating from the late-1800s. Over 2,000 environmental samples were collected for the RI/FS including surface water, ground water soil, mining waste identification in shallow exploratory pits and grab samples from historic smelter flues, waste piles and building foundations. Contaminants of concern included arsenic, cadmium, copper, lead and zinc in surficial soils and ground water.

CONTACT:

jkane@kane-environmental.com