REMEDIAL INVESTIGATION / REMEDIAL ALTERNATIVES REPORT

Portion of the Niagara Falls Municipal Complex
913 Cleveland Avenue
915 Cleveland Avenue
1921 Main Street
1925 Main Street
1929 Main Street
1931 Main Street
1935 Main Street
Niagara Falls, New York

July 2010 LCS#06B3027.26

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REMEDIAL INVESTIGATION/REMEDIAL ALTERNATIVES REPORT

Portion of the Niagara Falls Municipal Complex

Cleveland Avenue and Main Street

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1.0 INTRODUCTION

This Remedial Investigation and Remedial Alternatives Report (RI/RAR) has been prepared on behalf of CLP3, LLC, for property on which a portion of the Niagara Falls Municipal Complex has been constructed (see Figure 1). Lender Consulting Services, Inc. (LCS) conducted RI activities on the subject property between October and December 2007. The RI activities were performed on behalf of CLP3, LLC under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP No. C932133). It was determined during the course of RI planning that remedial measures would be required to address impacted soil and groundwater at the Site prior to redevelopment with a portion of the Niagara Falls Municipal complex. Specifically, Soil remediation Interim Remedial Measure (IRM) was recommended during the RI process in lieu of delaying this measure until after completion of the RI/RAR. IRM activities began in December 2007; and were substantially completed in early 2008.

1.1 Purpose

The subject property is now developed with a portion of the Niagara Falls Municipal Complex. The primary objective of the RI was to assess the environmental quality of the soils and groundwater on the subject property, in accessible exterior locations of the Site. That information was used to design and implement IRM as a necessary predicate to the construction project.

The purpose of this RI/RAR report is to; (1) describe and present the findings of the RI; (2) document the IRM work; and (3) evaluate the IRM as the final remedial alternative for the Site.

1.2 Background

1.2.1 Site Description

The Site is a portion of the recently built Niagara Falls Municipal Complex and measures approximately 0.75 acres, and includes portions of Tax parcels 144.46-2-44 (915 Cleveland Avenue), 144.46-2-45.2 (913 Cleveland Avenue), 144.46-2-6 (1931 Main Street), 144.46-2-7 (1935 Main Street), 144.46-2-42 (1921 Main Street), 144.46-2-45.1 (1929 Main Street), and 144.46-2-46 (1925 Main Street). The boundaries of the subject property are depicted on Figure 2. For purposes of this report, the area within those boundaries is referred to as the Site. The Site is generally bounded by Cleveland Avenue to the north, Main Street to the west and portions of the recently built Niagara Falls Municipal Complex to the east and south. The Site is described as, prior to implementation of the IRM, being developed with various commercial structures, located in a predominantly commercial and residential area of Niagara Falls, New York. The Site and surrounding area was historically used for commercial and residential purposes.

At the time the RI was completed the Site was generally flat lying with limited distinguishable site features other than the on-Site structures, demolished prior to initiation of the IRM and subsequent redevelopment. Prior to redevelopment of the Site, the surface contained soil/fill with some patches of grass and brush. Precipitation (i.e., rain or melting snow) either infiltrated into the soil/fill or moved to the storm drains present in the roadways via overland flow. Surface and shallow groundwater flow were historically and are currently likely impacted by various cycles of development and filling, as well as utility lines and foundations.

1.2.1.1 Site Geology and Hydrogeology

The geographic mapping of the Site and surrounding area indicates the underlying bedrock as belonging to the Lockport Group, primarily the Guelph, Oak Orchard, Eramosa and Goat Island Dolostones; and local biotherms of Gasport Limestone (Ref. 1). Depth to bedrock ranges from approximately 2 to 25 feet in the Niagara Falls area. On the Site, bedrock lies approximately 15 feet below ground surface (ft. bgs). The bedrock surface has been significantly impacted by glacial activity. Prior to implementation of the IRM, the surficial geology of the Site consists of a primarily till. Till, deposited beneath glacier ice, is described as being poorly sorted and variably textured (clay, silt-clay, boulder-clay).

Surface soils at the Site are not characterized by the Soil Survey of Niagara County, but generally could be characterized as typical urban land with level to sloping land in which 80 percent or more of the soil surface is covered by asphalt, concrete, buildings, or other impervious structures typical of an urban environment. The presence of overburden fill material is widespread and common throughout the City of Niagara Falls. Prior to IRM activities, the Site contained fill to depths ranging between approximately 1 and 9 feet below ground surface (Ref. 1).

Groundwater exists immediately above bedrock [typically approximately 15 feet below the ground surface (ft. bgs)] (when groundwater was encountered) in a shallow overburden unconfined aquifer based on observations during well drilling. In addition, the Dolostone contains one single aquifer, mostly attributable to the fractures present in the Dolostone. Recharge of the aquifers comes predominantly from precipitation by direct infiltration of rain and snowmelt through the overburden. Regional groundwater flow is generally from the south to the north following the local topography.

1.2.1.2 Climate

Western New York has a cold continental climate, with moisture from Lake Erie, Lake Ontario, and the Niagara River causing increased precipitation. Average annual precipitation is reportedly 40.5 inches and snowfall is 93.6 inches (NOAA, 2000) to the northern part of the watershed with over 150 inches per year falling on the southern portion of the watershed. Average monthly temperatures range from 24.5 degrees Fahrenheit in January to 70.8 degrees Fahrenheit in July (NOAA, 2000). The ground and lakes typically remain frozen from December to March. Winds are generally from the west to southwest (180 to 240 degrees) with a mean velocity of 10 miles per hour (Buffalo Airport, 1999).

1.2.1.3 Population and Land Use

The City of Niagara Falls, encompassing 14 square miles, has a population of 53,989 persons (2000 U.S. Census Bureau), a decrease of 7,851 from the 1990 U.S. census. The population density in the City is 3,955.7 people per square mile. Niagara Falls is primarily zoned residential with commercial use mixed in along major roads. The Site, which was vacant prior to redevelopment with a portion of the recently built Niagara Falls Municipal Complex, is located in an area of the City zoned commercial/residential.

1.2.1.4 Utilities and Groundwater Use

The Site has access to major public and private utilities, including water (City of Niagara Falls Water Board); sanitary and storm sewers (Niagara Falls Engineering Department), electric (National Grid), and natural gas (National Fuel Gas).

Groundwater at the Site is classified as “GA” (potable use). Currently, there are no deed restrictions on the use of groundwater at the Site; groundwater supply wells are not present on the Site. Regionally, groundwater in the area has not been developed for agriculture, or public supply purposes. Municipal potable water service is provided on-Site and off-Site by the Niagara Falls Water Board.

1.2.1.5 Wetlands and Floodplains

New York State Freshwater Wetland Maps, and US Department of the Interior Wetland maps show that no State or Federal wetlands exist on the subject property; however, Federal wetlands are located approximately 0.2 miles west of the Site along the shore of the Niagara River in the Niagara Gorge, and 1.5 miles east in Hyde Park, City of Niagara Falls. Niagara County Internet Mapping Service also shows a 100-year floodplain located approximately 0.2 miles west of the Site along the shore of the Niagara River in the Niagara Gorge.

1.2.2 Site History

The Site and surrounding area was historically used for commercial and residential purposes. The Site was previously developed as summarized below:

<u>913 Cleveland Avenue</u>

913 Cleveland was developed with a single residential structure in at least 1892, through at least 1950, then with a small unidentified commercial structure thereafter.

<u>915 Cleveland Ave</u>

915 Cleveland Avenue was developed with an apparent automotive repair/service facility from at least 1939 through at least 1949, a drycleaner at least in 1950, a clothing store from at least 1959 to at least 1970, a drycleaner from at least 1979 through at least 1988 and a drycleaner in at least 1994.

<u>1921 Main Street</u>

1921 Main Street was developed with a Millinery from at least 1939 through at least 1949, a Beauty Shop from at least 1949 through at least 1959, and a retail store from at least 1979 through at least 1998.

1925 Main Street

1925 Main Street was developed with a single residential structure from at least 1939 through at least 1949, a retail clothing store from at least 1949 through at least 1959, a vacant structure from at least 1959 through at least 1979, Niagara Hair Styling from at least 1979 through at least 1998, and was vacant from at least 1998 to 2007. Undated municipal records also suggest that this property was occupied by a dry-cleaning establishment.

1929 Main Street

1929 Main Street was occupied by a vacant structure from at least 1939 through at least 1949, a liquor store and tailor shop from at least 1949 through at least 1959, an appliance store from at least 1959 through at least 1969, a jewelers from at least 1969 through at least 1988 and residence from at least 1998 to approximately 2006.

1931 Main Street

1931 Main Street was occupied by a jeweler from at least 1939 through at least 1979 and Ruben's (nature of business unknown) from at least 1998 to approximately 2006.

1935 Main Street

1935 Main Street was occupied by Livingston (nature of business unknown) from at least 1939 through at least 1949, a shoe store and dentist office from at least 1949 through at least 1959, a jeweler, dentist office, and lawyer's office from at least 1959 through at least 1969, a gift shop from at least 1969 through at least 1979, a garden gift shop from at least 1979 through at least 1988, and a beauty supplies shop from at least 1988 through at least 2007.

1.2.3 Previous Investigations

The following sections describe the results of pre-RI sampling programs to provide a historic-based description of the nature and distribution of chemical constituents at the Site. Appendix A presents the pre–RI investigation sample results. Sample locations are shown on Figure 3.

Pre-Design Investigation – July 2007

In July 2007, LCS completed a Magnetometer and Limited and Focused Soil and Groundwater Investigation at the Site (Ref. 2). The site investigation was completed to better assess the environmental quality of the on-Site soils and groundwater for the presence of volatile organic compound (VOC), semi-volatile organic compound (SVOC) and/or metal contamination. As part of that investigation, analytical soil data was collected from eight locations and analytical groundwater data was collected from four locations at the Site. The results of that investigation showed that while VOCs [benzene, toluene, xylenes, isopropylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, sec-butylbenzene, p-isopropyltoluene, n-butylbenzene, tentatively identified compounds (TICs) and tetrachloroethene], SVOCs (phenanthrene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene and TICs) and metals (arsenic, barium, cadmium, chromium, lead and mercury) were detected, no VOCs or SVOCs were detected at concentrations above Part 375 Recommended Soil Cleanup Objectives (Unrestricted Use). Metals [arsenic (13.5 milligrams per kilogram, mg/kg), mercury (0.557 mg/kg-5.09 mg/kg) and lead (207 mg/kg-520 mg/kg] were detected at concentrations above Part 375 Recommended Soil Cleanup Objectives (Unrestricted Use) as well as above typical background concentrations. Overburden groundwater was found to contain VOCs (tetrachloroethene, trichloroethene, cis-1,2-dichloroethene, trans-1,2-dichloroethene, 1,1-dichloroethene, 1,1,1-trichloroethane, acetone, chloroform, benzene, toluene, ethylbenzene, and xylenes. Tetrachloroethene (299 micrograms/liter, ug/l) – 17,700 ug/l), trichloroethene, (12ug/l-61 ug/l), cis-1,2-dichloroethene (116 ug/l-20 ug/l), 1,1,1-trichloroethane (9 ug/l), benzene (1-2 ug/l), ethylbenzene (10 ug/l) and xylenes (9 ug/l) were detected above 6 NYCRR Part 703 (Class GA) groundwater criteria. Based on site characterization data obtained during LCS' July 2007 study, the extent of the solvent contamination was unknown, but the highest concentrations were noted on the north portion of the Site. The extent of the petroleum-related contamination appeared to be localized to the area of suspected underground storage tanks (USTs), located north of the structure addressed at the 915 Cleveland Avenue portion of the Site.

1.2.3.1 Supplemental Investigation – September 2007

In September 2007, LCS completed a Supplemental Soil and Groundwater Investigation at the Site (Ref. 3). The investigation was completed to better delineate the extent of the contamination within the groundwater above the bedrock, to better determine if groundwater within the bedrock had been impacted, to attempt to locate the source area of the solvent contamination, and to complete additional soil and/or groundwater analyses. All work was completed outside of the on-Site structures. Additional analytical testing for the presence of PCBs and cyanide was also completed in preparation of the Site entering the BCP. As part of that investigation, analytical soil data was collected from six additional locations and analytical groundwater data was collected from five locations (four overburden and one bedrock well) at the Site. The results of that investigation showed the presence of VOCs [methylene chloride, cis-1,2 dichloroethene, benzene, toluene, xylenes, isopropylbenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, sec-butylbenzene, p-isopropyltoluene, n-butylbenzene, tetrachloroethene, ethylbenzene, n-propylbenzene, methylcyclohexane, naphthalene, p-cymene and tentatively identified compounds (TICs)], and SVOCs (naphthalene, 2-methylnaphthalene, fluorene, bis (2 ethylhexyl) phthalate, di-n-octyl phthalate, Caprolactum, phenanthrene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene and TICs) and metals (arsenic, barium, cadmium, chromium, lead and mercury). Only one VOC {1,2,4-trimethylbenzene (9,500 ug/kg)] and no SVOCs, metals, PCBs or cyanide were detected at concentrations above Part 375 Recommended Soil Cleanup Objectives (Unrestricted Use) or typical background concentrations. Overburden groundwater was found to contain VOCs consisting of vinyl chloride (87 ug/l), acetone (770 ug/l), methylene chloride (1,000 ug/l), trans-1,2-dichloroethene (260 ug/l), tetrachloroethene (11,000 ug/l-16,000 ug/l), trichloroethene, (13 ug/l-310 ug/l), cis-1,2-

dichloroethene (220 ug/l), and 1,2,4-trimethylbenzene (160 ug/l) above 6 NYCRR Part 703 (Class GA) groundwater criteria. Bedrock groundwater was found to contain VOCs consisting of methylene chloride (6 ug/l), cis-1,2-dichloroethene (6 ug/l), trichloroethene (15 ug/l), and tetrachloroethene 550 (ug/l), also above 6 NYCRR Part 703 (Class GA) groundwater criteria. Based on site characterization data obtained during LCS' September 2007 study, the extent of the contamination within the soil and overburden groundwater was unknown, but the highest concentrations were noted on the north portion of the Site and likely beneath one or more of the on-Site structures. Solvent impact to the bedrock was confirmed and the extent of bedrock groundwater contamination was unknown.

1.2.3.2 IRM Findings – December 2007/January 2008

During initiation of IRM activities, solvent, and to a lesser extent, petroleum impacted soils were discovered beneath each of the former on-Site structures. While analytical testing was not performed beneath the former on-Site structures, sampling of the excavated soils was performed after the soils were staged for subsequent waste characterization testing. That testing indicated up to 773 parts per million (ppm) total petroleum hydrocarbons (TPH) and 2,300 ppm of Tetrachloroethene, further supporting the need for implementation of the IRM.

1.3 Constituents of Primary Concern (COPCs)

Based on the historic investigations, the constituents of potential concern (COPCs) in soil/fill and/or groundwater were identified as petroleum-based and solvent-based volatile organic compounds (VOCs), and heavy metals. The RI approach, described in the RI Work Plan (Ref. 6), focused on these COPCs as well as PCBs and cyanide.

1.4 Report Organization

This report contains the following sections:

- Section 2.0 presents the approach for the soil and groundwater investigation.
- Section 3.0 describes the physical characteristics of the Site as they pertain to the investigation findings.
- Section 4.0 presents the investigation results by media.
- Section 5.0 describes the fate and transport of the COPCs.
- Section 6.0 presents the qualitative risk assessment.
- Section 7.0 presents the RI summary and conclusions.
- Section 8.0 summaries the Interim Remedial Measures.
- Section 9.0 evaluates the IRM as the final remedial alternative.
- Section 10.0 provides a list of references for this report.

2.0 INVESTIGATION APPROACH

The purpose of the field activities was to more fully characterize overburden soils and groundwater at the Site. On-Site field activities included: a magnetometer survey; direct-push (Geoprobe®) soil sampling; rotary auger borehole development; monitoring well installation; groundwater sampling of existing and newly installed monitoring wells; collection of hydraulic data; and completion of a Site survey. The location of the boreholes and monitoring wells were approved by the NYSDEC in a meeting on October 5, 2007. The NYSDEC also confirmed that analytical testing of the bedrock groundwater could be limited to VOCs.

2.1 Magnetometer Survey

LCS performed a Geonics EM-61 magnetometer survey on the northern portion of the subject property (between the structures and Cleveland Avenue). However, due to limited accessibility, conclusive data suggesting the presence or absence of UST(s) could not be obtained.

2.2 Supplemental Soil/Fill Investigation

2.2.1 Direct Push Test Borings

In accordance with the RI Work Plan, six test borings (i.e., BCP BH17 through BCP BH21) were completed by SJB Services, Inc. to top of bedrock (~13 to 20.5 ft. bgs) at the locations shown on Figure 3. The borings were completed by driving a 2-inch outside diameter (O.D.) by 24-inch long split spoon sampler along with a 4.25-inch hollow stem auger (HSA).

A representative portion of each 2-foot interval was containerized to minimize loss of potential VOC constituents present in the soil sample. The remainder of each sample interval was placed into sealable PVC bags and allowed to equilibrate to ambient temperature. Each container was slightly opened and the PID probe was placed within the headspace of the container to allow for a reading of the organic vapors. The PID readings were recorded on the Field Borehole Logs in Appendix B. Soil screening was performed by headspace screener using a PID. PID readings ranged from 0.1 to 13.9 ppm (BCP BH19, 8 -10 ft. bgs).

2.2.2 Soil/Fill Sampling

One surface soil samples and six subsurface soil samples were collected from the Site for comprehensive analysis including TCL VOCs. Two of those subsurface soil samples were collected for TCL SVOCs and TAL metals PCBs, cyanide using NYSDEC Analytical Services Protocol (ASP) 2000 methods and Category B deliverables. These samples (designated BCP BH17 through BCP BH21) were collected to better delineate the VOC impact and to document the condition of on-Site surface and subsurface soils for general Site characterization. Soil samples were collected from the interval of highest PID reading.

The test borings were sampled by opening the split spoon bisecting the core (if intact) and scooping sufficient sample from the long axis of the split core with a decontaminated stainless steel spoon or spatula. Samples for VOCs were collected and transferred to sample containers immediately after opening and bisecting the split spoon sample. If the core was not homogeneous, representative portions of each type of material within the spoon was collected. VOC samples were placed into the sample containers (2, 2-oz. wide mouth glass jar) in a manner limiting headspace by compacting the soil into the container. Soil samples collected for non-VOC analysis were homogenized. The homogenization was completed by removing the soil from the sampling equipment, transferring it to a clean surface (steel pan, bowl, etc.), and mixing to provide a more homogeneous sample. The soil was scraped from the sides, corners, and bottom of the clean surface; rolled to the middle; and thoroughly mixed until the material appeared homogenous. An aliquot of this mixture was then transferred to the required sample containers, slightly tamped-down, filled to near the top of the container, and sealed with the appropriate cap. Any soil on the threads of the container was wiped off with a clean paper towel or equivalent before placing the cap on the sample container.

2.3 Groundwater Investigation

In accordance with the RI Work Plan, two additional overburden groundwater monitoring wells and five bedrock monitoring wells were installed, and previously installed monitoring wells were inspected for integrity. New groundwater monitoring wells were sampled to document the condition of on-Site groundwater for general Site characterization.

2.3.1 Overburden Drilling

Two monitoring wells were installed on-Site to straddle the groundwater table (designated BCP OBMW1 and BCP OBMW2). The wells were constructed with a 10-foot screened interval to a depth of 15.5 ft. bgs (top of bedrock). Neither of the wells (or previously installed wells) produced sufficient groundwater for sampling.

Test borings were advanced into the overburden using a split spoon sampler with a hollow stem auger method. Samples were obtained by driving an approximate 2-inch outside diameter (O.D.) by 24-inch long steel sampling rod directly in the soil. The sampler was driven its entire length (unless refusal was encountered) with a 140lb. hammer falling 30-inches. Test borings BH18/BRMW3 and BH21/BRMW6 were completed using an approximate 2 inch diameter, 48 inch long macro-core sampler. Soil samples were collected within each borehole continuously from the ground surface until equipment refusal was encountered.

Soil samples were described on stratigraphic field borehole logs by a geologist from ground surface to refusal (approximately 13 to 20.5 ft. bgs). The overburden soil was described as mainly silt with various mixtures of gravel, clay, and sand. Each 2-foot sample was scanned for total volatile organic vapors with a photoionization detector (PID) equipped with a 10.6 eV lamp, and any visual and/or olfactory observations were noted. Soil descriptions, PID scan results, and visual/olfactory observations recorded during boring advancement are presented on the Field Borehole Logs in Appendix B.

The highest PID reading of 13.9 ppm was measured in the 8 to 10-foot interval of borehole BCP BH19; no petroleum- or solvent-type odors were detected.

2.3.2 Overburden and Bedrock Monitoring Well Installation

Overburden monitoring wells were constructed of 2-inch I.D. flush jointed Schedule 40 PVC riser and screen. The actual installation depth of the screen was selected to monitor the uppermost water bearing zone. The screen consists of a 10-foot long section of 0.010-inch factory slotted PVC.

Following determination of the monitoring zone and placement of the assembled screen and riser, the annular space of the borehole was backfilled. Generally, this included the placement of a sand filter pack consisting of Morie #00 sand around the well screen such that the sand extends a minimum of 1 foot above the top of the screen. A minimum 2-foot layer of bentonite pellets was placed above the sand filter, tap water was poured over the pellets and they were allowed time to hydrate. Concrete was installed above the bentonite seal to the surface and included completion of the protective casings. The monitoring wells were completed by placing a locking steel protective casing over the riser. Above-grade (stick-up) and at grade (manhole) protective casings were used. Monitoring well construction details are presented on the Field Borehole Logs in Appendix B.

Five additional bedrock groundwater monitoring well (BCP BRMW2-BCP BRMW6) were installed on Main Street, Cleveland Avenue, South Street, the parking lot, and in the former park (see Figure 3). The wells were positioned at locations on and off-of the Site to determine if the previously discovered contamination has migrated off-Site. The location of the boreholes and monitoring wells were approved by the NYSDEC in a meeting on October 5, 2007, and varied from the originally proposed locations. The NYSDEC also confirmed that analytical testing of the bedrock groundwater could be limited to VOCs.

The bedrock groundwater monitoring wells were installed using hollow stem auger (HSA) drilling techniques as described above until auger refusal was encountered.

In order to install bedrock monitoring wells, bedrock was cored once the formation became too hard to be sampled by soil-sampling methods (i.e., a 1 inch penetration or less for 50 blows with the slide hammer). The wells consisted of a permanent steel overburden casing. The steel casing was advanced a minimum of two feet into the bedrock.

A 3-inch nominal rock core was continued beyond the depth of the steel casing until a depth of which bedrock fractured zones were observed to encounter the upper-most water bearing zone. Coring of the bedrock was completed in general accordance with ASTM D

2113 (Diamond Core Drilling for Site investigation). During coring of the bedrock, drilling fluids (potable water) were used and re-circulated. Additional fluids were added as necessary.

Once the boring was deemed complete, the well was constructed using 2 inch-diameter Schedule 40 PVC screen and riser. The silica filter pack was placed several feet above of the top of the well screen and a bentonite/cement grout was installed above the filter pack. The bedrock monitoring wells were either completed with a flush mount protective casing set in a concrete pad or an above grade protective casing. Refer to the attached well construction diagram for specific well construction details.

2.3.3 Groundwater Sampling

Each newly installed and existing overburden monitoring well was developed/re-developed prior to sampling to remove residual sediments and ensure good hydraulic connection with the water-bearing zone. Newly installed monitoring wells were developed a minimum of two days after installation to allow grout used in well construction to set. A minimum of five well volumes and a maximum of eight volumes were removed from each well prior to sampling.

Dedicated, disposable PVC bailers equipped with a bottom check-valve were used for sample collection. Bailers were lowered gently with minimal water agitation into the well with dedicated polyethylene or polypropylene line.

Newly installed monitoring wells were sampled for TCL VOCs.

2.3.4 Hydraulic Assessment

Hydraulic assessment included completion of hydraulic conductivity tests and measurement of water levels in new monitoring wells. Hydraulic conductivity testing was completed using variable head methods on the bedrock monitoring wells. As the overburden wells were dry, they could not be included in the hydraulic assessment. Variable head tests were completed on two different occasions by removing water from the well with a bailer or displacing water with a slug. Due to the nearly instantaneous recharge of the bedrock wells, LCS utilized a submersible pump to evacuate the wells. The recovery of the initial water level was measured with respect to time. Data obtained using these test procedures was evaluated using procedures presented in "The Bouwer and Rice Slug Test -

An Update," Bouwer, H., Groundwater Journal, Vol. 27, No. 3, May-June 1989 (see Appendix C).

The calculations presented in Appendix C indicate that the hydraulic conductivity in the bedrock (where instantaneous recharge did not occur) was 0.11 ft./day.

All groundwater monitoring wells were surveyed on November 16, 2008. Water level measurements were recorded for the purpose of developing an overburden isopotential map (no overburden groundwater was present). Based on the survey data, groundwater was noted to be flowing to the Northwest.

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3.0 SITE PHYSICAL CHARACTERISTICS

The physical characteristics of the Site observed during the RI are described in the following sections.

3.1 Surface Features

At the time of the RI, the Site generally sloped slightly to the northwest with limited distinguishable Site features are generally flat lying with limited distinguishable features other than the on-Site structures, demolished prior to initiation of the IRM. Subsequent to the IRM, the Site was redeveloped with a portion of the Niagara Falls Municipal Complex.

3.2 Geology

The Site geology generally encountered fill material in all borehole locations to a depth of between approximately 1 and 9 ft. bgs. That material consisted of clayey silt, gravelly silt, gravel, and silt. The fill material was generally underlain by native soils consisting of various combinations of gravel, sand, clay and silt. Suspected groundwater was generally encountered in most boreholes immediately above the bedrock. Equipment refusal (bedrock) was typically encountered between approximately 12.9 and 24.5 ft. bgs. Refer to Figures 4 and 5 for a cross-section of the geology at the Site.

3.3 Hydrogeology

Overburden groundwater was generally observed immediately above bedrock, however, the overburden wells installed, did not yield groundwater. Hydraulic conductivity testing performed during the RI and prior groundwater elevation data indicate a bedrock groundwater transport rate of 0.11 ft/day. Groundwater Flow was determined to be to the northwest. See Figure 6 for a groundwater contour map.

4.0 INVESTIGATION RESULTS BY MEDIA

The following sections discuss the analytical results of the Remedial Investigation. Tables 1 and 2 summarize the soil and groundwater analytical data, respectively. Analytical data is included in Appendix D. Figure 3 presents the soil sampling and groundwater monitoring well locations.

4.1 Soil

Table 1 presents a comparison of the detected soil parameters to a comparative criteria: Part 375 Recommended Soil Cleanup Objectives (unrestricted) (RSCO). Sample results are described below according to contaminant class.

4.1.1 Volatile Organic Compounds

As indicated in Table 1, VOCs were generally reported as non-detectable, at trace (estimated) concentrations below the sample quantitation limit, or at concentrations slightly above the sample quantitation limit. None of the samples exceed Part 375 SCOs.

As indicated on the Subsurface Logs in Appendix B, PID headspace readings from the subsurface soil samples ranged from 0.1 to 13.9 ppm. No petroleum- or solvent-type odors were detected in any of the test borings. During implementation of the IRM, large quantities of solvent and some petroleum-impacted soils were removed from the Site. During soil disposal characterization testing indicated up to 2,300 ppm of Tetrachloroethene, and up to 773 ppm TPH. Refer to Section 8.0 for additional details regarding the IRM activities.

4.1.2 Semi-Volatile Organic Compounds

The majority of the analyzed SVOCs were reported as non-detectable or at trace (estimated) concentrations below the sample quantitation limit. None of the samples exceeded Part 375 SCOs. All sample locations meet the Part 375 SCOs.

4.1.3 Metals

Metals were generally present within the range of Eastern US or Part 375 SCOs with the following exceptions: The sample from BCP BH21 (and the corresponding duplicate sample) exceeded the Part 375 (Unrestricted Use) SCOs for lead and zinc. Given the location and depth of the sample (immediately above bedrock), the elements appear to be naturally occurring and no further work is warranted. Those conclusions were discussed with NYSDEC personnel who agreed.

4.1.4 PCBs

All of the analyzed PCB Aroclors were reported as non-detectable.

4.1.5 Cyanide

None of the samples analyzed for cyanide exhibited any detectable concentrations.

4.1.6 Summary

Analytical data generated during the RI for the overburden soil show that VOCs, SVOCs, PCBs, and cyanide met Part 375 SCOs (unrestricted). Two metals (lead and zinc) were detected at concentrations within one test boring (BH21) above Part 375 SCOs (unrestricted). Given the location and depth of the sample (immediately above bedrock). The elements appear to be naturally occurring and no further work is warranted. NYSDEC personnel agreed with those conclusions.

During implementation of the IRM, large quantities of solvent and some petroleum-impacted soils were removed from the Site. During soil disposal characterization testing indicated up to 2,300 ppm of Tetrachloroethene, and up to 773 ppm TPH . Refer to Section 8.0 for additional details regarding the IRM activities.

4.2 Groundwater

Table 2 presents a comparison of the detected groundwater parameters to the Class GA Groundwater Quality Standards (GWQS) per NYSDEC TOGS 1.1.1 Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (June 1988, Revised April 2000). The results of the sampling in the new monitoring wells are discussed in the following sections. The samples obtained from the bedrock wells were limited to VOC analysis.

4.2.1 Volatile Organic Compounds

As indicated in Table 2, some solvent based VOCs were reported at concentrations above Class GA GWQS in three of the five bedrock wells sampled. The majority of these wells are located along the north and west Site boundaries, except one in the former park located south of 1925 Main Street. In the bedrock monitoring wells BCP BRMW2, BCP BRMW3, and BCP BRMW4 trichloroethene and tetrachloroethene were detected above the GWQS. No petroleum-related VOCs were detected within bedrock groundwater.

4.2.2 Summary

As described above, solvent-based VOCs were detected within BCP BRMW2, BRMW3, and BCP BRMW4. The highest concentrations of solvent-based VOCs were detected in BCP BRMW2, located off-Site within Cleveland Avenue. The SVOCs detected were qualified as estimated or were also present in the method blank in soil samples submitted. See Table 2 for specific contaminant concentrations.

4.3 Data Usability Summary

In accordance with the Section 9.0 of the RI Work Plan (Ref. 6), the laboratory analytical data from this investigation was independently assessed and, as required, submitted for independent review. Waste Stream Technology Inc. located in Buffalo, New York performed the data usability summary assessment, which involved a review of the summary form information and sample raw data, and a limited review of associated QC raw data. Specifically, the following items were reviewed:

- Laboratory Narrative Discussion
- Custody Documentation
- Holding Times
- Surrogate and Internal Standard Recoveries
- Matrix Spike Recoveries/Duplicate Recoveries
- Field Duplicate Correlation
- Preparation/Calibration Blanks
- Control Spike/Laboratory Control Samples
- Instrumental IDLs
- Calibration/CRI/CRA Standards
- ICP Interference Check Standards
- ICP Serial Dilution Correlations
- Sample Results Verification

The Data Usability Summary Report (DUSR) was conducted using guidance from the USEPA Region 2 validation Standard Operating Procedures, the USEPA National Functional Guidelines for Data Review, as well as professional judgment. Appendix E includes the DUSR, which was prepared in accordance with Appendix 2B of NYSDEC's draft DER-10 guidance.

In general, sample processing was conducted in compliance with protocol requirements. Sample results are usable as reported; usable with minor edit or qualification; or reported as estimated values. None of the data was rejected. Internal laboratory quality control (QC) samples and Site-specific QC samples indicate satisfactory analytical accuracy, precision, and completeness. Sample shipping coolers were received in good condition and at an appropriate temperature. Data quality issues are further described in the DUSR (Appendix E).

5.0 FATE AND TRANSPORT OF COPCS

The soil sample analytical results were incorporated with the physical characterization of the Site to evaluate the fate and transport of COPCs in Site media. The mechanisms by which the COPCs can migrate to other areas or media are briefly outlined below.

5.1 Airborne Pathways

Volatilization of chemicals (i.e., chlorinated solvents and petroleum) present in soil and groundwater and generation of fugitive dust are potential migration pathways for airborne transport of COPCs. As the impacted soils have since been remediated and the Site redeveloped, fugitive dust does not pose a concern.

5.1.1 Fugitive Dust Generation

Non-volatile chemicals (i.e., metals) present in soil can be released to ambient air as a result of fugitive dust generation. Since the Site was primarily characterized as flat lying with limited distinguishable features other than the on-Site structures, demolished prior to initiation of the IRM, suspension due to wind erosion or physical disturbance of surface soil particles was unlikely. Since the IRM related work was performed in the winter time of year, suspension due to wind erosion or physical disturbance was deemed unlikely to occur. Subsequent remediation and redevelopment of the Site by a portion of the Niagara Falls Municipal Complex, including concrete sidewalks, with the remaining area covered by grass and/or ornamental landscaping has addressed this concern.

5.1.2 Volatilization

Chlorinated solvent and petroleum-related volatile chemicals present in soil and groundwater may be released to ambient or indoor air through volatilization either from or through the soil underlying building structures. Volatile chemicals typically have a low organic-carbon partition coefficient (Koc), low molecular weight, and a high Henry's Law constant. Several VOCs were detected in Site soil at concentrations above SCOs. Numerous VOCs were also detected in Site groundwater above Class GA GWQS at several locations. Therefore, the groundwater-to-air and soil-to-air pathways pose the greatest risk of those contaminants entering into commercial or residential indoor air. As such, this was the primary concern and has been addressed through implementation of the IRM.

5.2 Waterborne Pathways

Chlorinated solvent and petroleum-related chemicals in subsurface soils could be potentially transported via storm water runoff during excavation or construction activities, or leaching to groundwater. This pathway at the Site has been addressed through implementation if the IRM.

5.2.1 Surface Water Runoff

Erosion and transport of surface soils and associated sorbed chemicals in surface water runoff is a potential migration pathway. The potential for soil particle transport with surface water runoff was deemed low, as the Site is relatively flat lying with the former on-Site structures, grass and brush covered areas, is collected by surrounding combined sanitary/storm water sewer collection system (i.e., Niagara Falls Engineering Department collection and conveyance system). The Niagara Falls Engineering Department collection system provides a mechanism for controlled surface water transport but will ultimately result in sediment capture in the Niagara Falls Engineering Department grit chambers followed by disposal at a permitted sanitary landfill.

5.2.2 Leaching

Chlorinated solvents and petroleum-related chemicals present in soil may migrate downward to groundwater as a result of infiltration of precipitation. Some chemicals detected in soil are also present in bedrock groundwater underlying the Site. As groundwater has been impacted and there is evidence of migration beyond the boundaries of the Site, there is the potential for further off-Site impact. The extent of the impact is unknown. As the source of the solvents (i.e., impacted soils proximate to and underlying the Site) was addressed through implementation of the IRM, this pathway has been addressed.

5.3 Exposure Pathways

Based on the analysis of chemical fate and transport provided above, the pathways through which Site COPCs could reach receptors off-Site at significant exposure point concentrations are: groundwater-to-air volatilization; leaching; and, to a lesser extent, fugitive dust emissions via physical disturbance of subsurface soil particles and surface water migration. These exposure pathways may be reduced, but would not necessarily be fully addressed, under the future unremediated commercial land use scenario discussed in Section 6.0.

6.0 QUALITATIVE RISK ASSESSMENT

6.1 Potential Human Health Risks

The identification of potential human receptors is based on the characteristics of the Site, the surrounding land uses, and the probable future land uses. The Site has been developed with a portion of the Niagara Falls Municipal Complex Site. Under unremediated Site use conditions, human contact with Site soil may have occurred primarily by two types of receptors: trespassers who may have traversed or used the property; and construction workers that may have accessed the Site to service utilities. Trespassers may have been comprised of children, adolescents, and adults, whereas construction workers would be limited to adults. The Site is serviced by municipal (supplied) water. Therefore, groundwater exposure would be limited to direct contact by construction workers.

In terms of future use, the current Site owner (City of Niagara Falls) has redeveloped the Site with a portion of the new Municipal Complex. While such use could be compared to commercial use, it is LCS' understanding that unrestricted use was desired to minimize potential exposures to the building occupants and Site groundskeepers or construction workers.

The chemicals prevalent in the soil and/or groundwater prior to remediation consisted of elevated concentrations of petroleum and solvent-based VOCs as well as heavy metals. The contaminants could have been released to ambient air as a result of physical disturbance of subsurface soil particles, and in the case of the VOCs, volatilization either from or through the soil/fill and/or groundwater underlying future building structures. Off-Site transport of chemicals via storm water runoff and leaching was much more likely prior to implementation of the IRM. Under both the unremediated and future (unrestricted) use conditions, potential exposure routes were incidental ingestion, dermal contact, and inhalation of re-suspended particulates in air; inhalation of volatile compounds in ambient or indoor air; and dermal contact with compounds in surface water runoff or groundwater.

For the trespasser and construction worker scenarios, health-risk based lookup values specifically addressing these types of receptors are not widely published, as estimates of exposure frequency and duration tend to be site-specific in nature. However, the NYSDEC has published health risk-based lookup values for several chemicals under various exposure scenarios in the June 2006 document entitled "New York State Brownfield Cleanup Program

Development of Soil Cleanup Objectives Technical Support Document" (a.k.a., "Technical Support Document"). The Technical Support Document forms the basis for the health-based SCOs presented in 6NYCRR Part 375-6. Based on incorporation of these types of receptors and exposures, the unrestricted health-based SCOs presented in the Technical Support Document are considered protective of human health under both the current and future Site use condition.

In addition to the unrestricted health-based SCOs, Table 3 includes USEPA health-based recommended soil cleanup objectives as published in NYSDEC Part 375 SCOs. These values are considered protective of human health under an unrestricted use scenario, and are thus conservative comparative criteria for the reasonably anticipated municipal future use scenario.

As shown on Table 3, tetrachloroethene, 1,2,4-trimethylbenzene, arsenic, cadmium, mercury, lead and zinc were detected above unrestricted use comparative criteria. Accordingly, potential health risks did exist for a property with a desired status for unrestricted use. The health-based criteria described above are for individual constituents; cumulative or synergistic effects among chemicals may yield greater risks.

6.2 Potential Ecological Risks

The Site is a former commercial area in a developed, urban area in the City of Niagara Falls. Prior to implementation of the IRM, the Site was vacant with numerous structures, and the surface contained soil with grass and a couple of trees, providing little or no wildlife habitat or food value. No natural waterways are present on or adjacent to the Site. The reasonably current and planned use is commercial (or municipal); the majority of the Site has subsequently been redeveloped with a portion of the Niagara Falls Municipal Complex, landscaping and/or paved areas. As such, no unacceptable ecological risks are anticipated under the current or reasonably anticipated future use scenario.

7.0 SUMMARY AND CONCLUSIONS

Based on the information and analyses presented in the preceding sections, prior to implementation of the IRM, constituents of concern (COCs) at the Site included solvent-based VOCs and to a lesser extent, petroleum and heavy metals. These COCs were in subsurface soil and/or in Site groundwater and are also common at sites with similar historical usage. As a result of solvents-related VOCs, the groundwater concentrations were higher than would be deemed acceptable for current and reasonably anticipated future uses. Such risks, as well as any impact to the environment were addressed through implementation of the IRM. A discussion of the IRM implementation is presented in Section 8.0.

8.0 INTERIM REMEDIAL MEASURES

An IRM was implemented at the Site concurrent with RI activities. Details of the IRM approach are described in the August 2007 IRM Work Plan (Ref. 7). Based on the nature and extent of contamination as indicated by prior investigations and the planned redevelopment of the subject property, the IRM Work Plan called for source removal via excavation, with off-Site disposal of impacted soil. The IRM Work Plan was published with the Brownfield Cleanup Program Application for the Site in the September, 2007. The IRM Work Plan was approved in December, 2007.

The IRM work was overseen by LCS on behalf of the Site developer, CLP3. Excavation and backfill activities were contracted by LP Ciminelli to Mark Cerrone, Inc. Surveying activities were contracted by LP Ciminelli to D.A. Naybor, PLS, PC. Remediation was initiated on December 11, 2007 and was substantially completed by January 17, 2008. Some soil characterization and off-Site disposal was completed at a later date.

Impacted soil at the Site that exceeded NYSDEC Part 375 SCOs for petroleum and solvent-based volatile organic compounds (VOCs) as well as metals was removed by excavation and transported off-Site for disposal at either the Tonawanda Landfill (Solid Waste Facility No. 15S29), Tonawanda, New York, Modern Landfill (Subtitle D Landfill), Lewiston, New York, EQ Landfill (Treatment, Subtitle C Landfill), Bellville, Michigan, WTI, Inc. (Incineration), East Liverpool, Ohio or CWM Model City (Haz Sub C Landfill), New York, depending upon the characteristics of the waste soil. Specific elements of the IRM included:

- Excavation and on-Site staging of non-impacted surface soil. Approximately 4,400 tons of non-impacted soil was temporarily relocated to an on-Site spoils laydown area for reuse.
- Excavation of petroleum, solvent and metals impacted soil. Approximately 21,980 tons of impacted soils were removed for off-Site disposal.
- Permanent closure of four USTs discovered during the excavation work.
- Verification sampling of the sidewalls and bottom of the excavation. LCS personnel collected 7 bottom and 51 sidewall verification samples within the excavation limits. A Geotextile demarcation layer was placed where verification samples did not meet Part 375 criteria (i.e., partial north wall of excavation beyond property line).

- Off-Site transportation and disposal of impacted soil to either the either the Tonawanda Landfill (Solid Waste Facility No. 15S29), Tonawanda, New York, Modern Landfill (Subtitle D Landfill), Lewiston, New York, EQ Landfill (Treatment, Subtitle C Landfill), Bellville, Michigan, WTI, Inc. (Incineration), East Liverpool, Ohio or CWM Model City (Haz Sub C Landfill), New York, depending upon the characteristics of the waste soil. All trucks were lined with polyethylene liners to allow the soil be fully evacuated from the truck. Approximately 42,000 gallons of groundwater and snow melt water was collected in the excavation during excavation activities.

- The bottom excavation was scraped using a track-mounted bulldozer.

- Placement and compaction of non-impacted on-Site and "clean" (i.e., Part 375 (unrestricted Use compliant) soil from off-Site sources.

- Placement of a minimum 12-inch layer of No. 2 crusher run stone to the bottom of the excavation to provide a firm base for placement of the backfill soils. The crushed stone originated from the LaFarge Stone Quarry in the town of Niagara Falls, NY.

8.1 General

Impacted soil at the Site that exceeded Part 375 Recommended Soil Cleanup Objectives (unrestricted use) for solvent-related volatile organic compounds (VOCS) and heavy metals was removed by excavation and transported off-Site for disposal at either the Tonawanda Landfill (Solid Waste Facility No. 15S29), Tonawanda, New York, Modern Landfill (Subtitle D Landfill), Lewiston, New York, EQ Landfill (Treatment, Subtitle C Landfill), Bellville, Michigan, WTI, Inc. (Incineration), East Liverpool, Ohio or CWM Model City (Haz Sub C Landfill), New York, depending upon the characteristics of the waste soil. Excavation work initially involved removal and staging of non-impacted, overburden soil, followed by excavation of impacted soil. Excavation extended vertically until bedrock was encountered, generally to an average depth of approximately 16 feet below ground surface (bgs). The excavation did not extend past the property boundaries with the exception of a portion of the northern border, where excavation was extended as to facilitate the permanent closure (removal) of four petroleum bulk storage underground storage tanks (USTs) and accessible petroleum and solvent impacted soils surrounding the USTs.

After the lateral and vertical excavation limits were achieved or the feasible limits of excavation were encountered, verification sampling was performed on the sidewalls and bottom to verify that the excavation met the soil cleanup objectives. All verification samples collected were placed in laboratory-supplied bottles using dedicated sampling equipment and transferred under chain of custody to Test America Laboratories, Inc. for analysis of NYSDEC STARS plus TCL List VOCs in accordance with USEPA SW-846 methodology. A total of 58 verification samples were collected following the remedial work.

The impacted soil removal, verification sampling and backfill activities are presented in greater detail below.

8.2 Soil Excavation, Handling and Disposal

Excavation of impacted soils began on December 11, 2007, and was substantially completed on January 19, 2008. Prior to excavation of impacted soil, a temporary haul road was prepared using bricks from the demolition of the on-site structures and imported gravel fill. The purpose of the haul road was to prevent the dump-trucks from collecting potentially impacted soils on their tires and transporting it to other areas on or adjoining the Site.

A hydraulic excavator was used to excavate soil/fill and load dump trucks for staging on an adjoining property. Site soils were screened with a PID during excavation to provide guidance to the excavator operator. Soil/fill with chemical impact identified through previous testing or exhibiting visual or olfactory evidence of impact (i.e. staining, chemical odors, etc.) were also segregated from non-impacted soil/fill. Upon excavation, either impacted or non-impacted soils were placed directly into dump trucks. The driver was then informed if the load was of impacted or non-impacted soil and directed to dump the load in a predesignated "clean" soil stating area or an impacted soil staging area. Handheld radios were also used to communicate with personnel monitoring the dumping of the excavated soil/fill to ensure the truck driver dumped their load in the correct staging area. All excavated soils from the Site were stockpiled on an adjoining property also owned by the city of Niagara Falls. Soils were subsequently tested for re-use or disposal.

The first area of impacted soils to be remediated consisted of a portion of the site containing elevated concentrations of heavy metals (lead and mercury) located immediately south of the former structure located at 915 Cleveland Avenue. Following excavation the soil/fill was loaded onto tri-axle dump trucks, transported to the soil/fill staging area and placed on and covered with 6 mil thick plastic sheeting. Following receipt of the verification test results, it was determined that additional excavation was necessary. Additional excavation was completed and additional verification samples were collected confirming the successful removal of the metals impacted soil/fill. Once that excavation was deemed complete, excavation of the remainder of the Site was performed.

Excavation continued along the west portion of the Site in order to determine the extent of the impacted soil/fill to the south. Excavation was completed from the ground surface until the top of bedrock was encountered. Once the excavation was deemed complete to the south, the excavation proceeded north along Main Street until the intersection with Cleveland Avenue was reached. The excavation then proceeded to the east to a point approximately five feet west of South Avenue Place. Due to the discovery of four underground storage tanks (USTs) along the northeast property boundary of the Site and the presence of impacted soils extending off-Site, the excavation was continued to the north until there was concern that underground utilities and a nearby utility pole may have become damaged. The NYSDEC confirmed, further excavation of impacted soils beyond the Site boundary was not necessary. (See Figure 3.) Once excavation was deemed complete, a dozer was utilized to scrape the top of the bedrock to further remove the small amount of soils that could not be removed by the excavator alone. Approximately 21,340 tons of impacted soil/fill was removed for off-Site disposal at either the Tonawanda Landfill (Solid Waste Facility No. 15S29), Tonawanda, New York, Modern Landfill (Subtitle D Landfill), Lewiston, New York, EQ Landfill (Treatment, Subtitle C Landfill), Bellville, Michigan, WTI, Inc. (Incineration), East Liverpool, Ohio or CWM Model City (Haz Sub C Landfill), New York, depending upon the characteristics of the waste soil.

During excavation work, small pockets of perched water formed at the bottom of the excavation from various processes (i.e. snow melt, rain runoff, etc.). An on-Site treatment system encompassing a settling/feed (Baker) tank, perched water was pumped and approximately two Baker Tanks were filled.

8.2.1 Tank Removal

During excavation of the Site, four USTs were encountered along the northeast property boundary of the Site. Trec Environmental Inc. (Trec) of Spencerport, New York pumped approximately 750 gallons of a petroleum-like product from a UST with the capacity of 10,000 gallons. The product was pumped into drums which were staged on-Site for future disposal. Following the removal of the petroleum-like product, Trec tested the internal conditions of the UST using a Lower Explosive Limits (LEL) sensor. This test indicated that the internal environment of the tank was non-explosive. Upon completion of the LEL test, Trec with assistance from Mark Cerrone Inc, removed the 10,000-gallon UST. During removal of the 10,000 gallon UST, three 1,000 gallon USTs were also encountered. The three 1,000 gallon tanks were free of liquid contents. Following removal from the ground, all four of the tanks were staged on 20 mil HDPE sheeting for cleaning. All of the tanks were cut open and thoroughly cleaned prior to off-Site disposal at a steel recycling facility.

8.3 Verification Sampling

8.3.1 Bottom Verification Samples

LCS personnel collected 7 bottom verification samples within the metals impacted soil/fill excavation limits from December 13, 2007 for Total Lead and Mercury. The samples were collected at a minimum frequency of approximately one per every 900 square feet of excavation bottom (See Figure 7). In addition, one bottom verification sample was collected beyond the north boundary of the Site, following removal of the USTs and accessible impacted soil/fill. A summary of the verification samples results; with a comparison to Part 375 (Unrestricted) Recommended Soil Cleanup Objectives (RSCOs) is presented on Table 4.

Results of the bottom verification samples indicated a compliance with Part 375 (Unrestricted Use), with the exception of the sample collected beyond the north boundary of the Site, following removal of the USTs. In that sample, tetrachloroethene was detected at a concentration of 6.3 ppm. A copy of laboratory analytical data report is included in Appendix C.

8.3.2 Sidewall Verification Samples

LCS personnel collected a total of 71 sidewall verification samples within the excavation limits. Samples were collected between December 13, 2007 and January 17, 2008. Per the IRM Work Plan, the samples were collected at a frequency of approximately one per 30 linear feet of sidewall (See Figure 7). A summary of the verification sample results, with a comparison to Part 375 RSCOs, is presented on Table 4.

Results of some of the sidewall verification samples indicated elevated concentrations of Lead and Mercury above RSCOs in metals impacted soil/fill excavation East Wall and North Wall A samples. Those sidewall samples represent the northeast and east edge of the metals remedial excavation (located south of the former 915 Cleveland Avenue structure) and were collected following excavation as laid out in the IRM. Excavation of those areas was extended and additional sidewall samples were taken. The analytical results for the subsequent sidewall verification samples were analyzed and found to meet Part 375 RSCOs. As such, removal of the metals impacted soil/fill was deemed complete.

The remaining verification samples collected from the limits of the larger remedial excavation (i.e., limits of the Site) met RSCOs with the exception of the sample collected beyond the north boundary of the Site, following removal of the USTs. In that sample, tetrachloroethene was detected at a concentration of 4.2 ppm. The verification test results are summarized in Table 4. A copy of laboratory analytical data report is included in Appendix F.

8.4 Backfill

8.4.1 Backfill Soils

All areas excavated were restored with compacted backfill soils. Backfill soils were obtained from three sources: non-impacted site overburden, which was comprised of stockpiled soils within the spoils laydown area (described above), additional soil/fill generated immediately south of the Site from the excavation for the basement of the Niagara Falls Municipal Complex, with the balance being made up with imported stone from an off-Site gravel pit (Lafarge gravel pit) located on Hinman Street in Lockport, New York.

8.5 Waste Characterization

8.5.1 Excavated Soils

The soil/fill excavated from the Site was systematically removed and staged in approximate 1,000 ton quantities. Soil volumes were estimated based on the capacity of the dump-trucks and typical weights hauled. Following staging of each 1,000 ton+/- volume of soil, a composite soil sample was collected and subsequently analyzed by Test America Laboratories, Inc. Each sample was analyzed for TCLP VOCs, TCLP SVOCs, TCLP metals, PCBs, TPH, reactivity, corrosivity and ignitability in accordance with test methods 1311/8260, 1311/8270, 1311/6010 and 7471, 8082, 1664, Section 7.3, Section 7.3 and 1010, as required by the Tonawanda Landfill. As a result of the level of contamination encountered, soil/fill was handled and disposed of as non-hazardous contaminated waste and hazardous waste.

EnSol, Inc. (Ensol) was contracted by Cerrone to provide services that included transportation coordination, and disposal of impacted soil/fill. EnSol was retained by Cerrone to manage what was initially characterized as non-hazardous impacted soil. As noted above, soil was excavated from the site, monitored by LCS for evidence of chemical impact and segregated into one of two piles, "clean" soil/fill and impacted soil/fill. Waste characterization samples were required for soil/fill presumed to be impacted.

Most of the excavated soil/fill was characterized, transported, and disposed of at the Tonawanda Landfill. LCS collected the waste characterization samples, transported the samples under standard chain-of-custody procedures to Test America, Inc. for analysis, and forwarded the analytical results to Cerrone and EnSol for preparation of the characterization paperwork. Characterization paperwork included waste profiles, manifest documents, approvals from disposal facilities and the NYSDEC, and obtaining signatures from the city of Niagara Falls (as the generator of the wastes).

Of the approximately 20,000 tons of soils disposed of at landfills, approximately 1,000 tons (Referenced as Soil Mound #17) that was initially disposed of at the Tonawanda Landfill. Subsequently, the NYSDEC determined that that soil should not have been disposed of at the Tonawanda Landfill; at least not without further testing, under the presumption that the solvent impacted to the soil was the result of a discharge of solvents from the historic on-Site dry-cleaning operation(s).

Waste Technology Services, Inc. ("WTS"), was retained by LP Ciminelli to assist with the proper disposal of the remaining 2,000 tons+/- of waste stockpiled proximate to the Site and the 1,000 tons (Soil Mound #17) at the Tonawanda Landfill. Subsequently, the NYSDEC informed the parties that the soil/fill remaining proximate to the Site and the 1,000 tons (Soil Moud#17) located at the Tonawanda Landfill needed to be analyzed under a total analysis protocol.

The soil sampling and additional testing under total analysis was required by the NYSDEC to determine whether a contained-in determination or exemption could be obtained. The NYSDEC indicated to representatives of WTS and LCS that a contained-in determination would be granted if the total analysis demonstrated that the contaminant of concern (tetrachloroethene) was reported less than 12ppm.

In an effort to determine if the remaining stockpile soil/fill from the Site and the 1,000 tons of soil (Soil Mound #17) in question at the Tonawanda Landfill would be granted a contained-in determination was sought. That determination required a statistical analysis and subsequent extensive sampling of the stockpiled soils proximate to the Site and the 1,000 tons (Soil Mound #17) in question at the Tonawanda Landfill. (See Figure 8.)

Subsequent to the additional testing the NYSDEC granted a contained-in determination for the majority of the soils remaining at the site. Indicating that that nearly all the remaining soils staged on-Site (approximately 2,232 tons) could be disposed of in a non-hazardous landfill under that determination. All but approximately 100 tons of the soils previously transported to the Tonawanda Landfill (Soil Mound #17) were allowed remain at that landfill. However the approximately 100 tons was subsequently removed and disposed of at Modern Landfill under a contained-in determination. Approximately 557 tons of soil/fill required disposal as hazardous waste.

8.6 Vapor Intrusion Mitigation

Due to the presence of VOC impact identified during previous studies as well as the RI, the historical contamination in the soil and groundwater and the planned redevelopment of a portion of the Site with the Niagara Falls Municipal Complex, installation of a vapor barrier combined with a sub-slab depressurization system was completed. That system was designed and installed by ENSOL and consisted of a full-slab vapor barrier (i.e., Stego Wrap 3™) beneath the entire building footprint (including the portion outside of the Site) and that an active venting system, involving the use of negative pressure blowers to evacuate air from below and around the facility's basement floor slab. This approach provided maximum protection of human health for facility occupants.

9.0 REMEDIAL ALTERNATIVES EVALUATION

The final remedial measure for the Niagara Falls Municipal Complex Site must satisfy Remedial Action Objectives (RAOs). Remedial Action Objectives are site-specific statements that convey the goals for minimizing or eliminating substantial risks to public health and the environment. For the Niagara Falls Municipal Complex Site, appropriate RAOs are:

- Removal of soil COCs within the Site to levels protective of human health.
- Mitigate loadings to groundwater from impacted soil COCs of the Site at levels that could be expected to result in exceedances of groundwater quality standards.
- Mitigate the potential for vapor intrusion of VOCs from groundwater underlying the Site or remaining off-Site.

As discussed in Section 8.0, Part 375 SCOs were employed as soil cleanup goals to provide a measure of performance against these RAOs. The SCOs are soil concentration limits protective of human health and groundwater quality. Achievement of the SCOs was confirmed through verification sampling.

Because the IRM achieved removal of soil within the limits of the Site to below Part 375 SCOs and a vapor barrier and sub-slab depressurization system were installed beneath the entire new Niagara Falls Municipal Complex, the IRM successfully achieved the above-described remedial action objectives.

In addition to achieving RAOs, NYSDEC's Brownfield Cleanup Program calls for remedy evaluation in accordance with DER-10 Technical Guidance for Site Investigation and Remediation (December 2002). Specifically, the guidance states "When proposing an appropriate remedy, the person responsible for conducting the investigation and/or remediation should identify and develop a remedial action that is based on the following criteria..:"

- **Overall Protection of Public Health and the Environment**. This criterion is an evaluation of the remedy's ability to protect public health and the environment, assessing how risks posed through each existing or potential pathway of exposure are eliminated, reduced, or controlled through removal, treatment, engineering controls, or institutional controls.

- **Compliance with Standards, Criteria, and Guidance (SCGs)**. Compliance with SCGs addresses whether a remedy will meet applicable environmental laws, regulations, standards, and guidance.

- **Long-Term Effectiveness and Permanence**. This criterion evaluates the long-term effectiveness of the remedy after implementation. If wastes or treated residuals remain on-Site after the selected remedy has been implemented, the following items are evaluated: (i) the magnitude of the remaining risks (i.e., will there be any significant threats, exposure pathways, or risks to the community and environment from the remaining wastes or treated residuals), (ii) the adequacy of the engineering and institutional controls intended to limit the risk, (iii) the reliability of these controls, and (iv) the ability of the remedy to continue to meet RAOs in the future.

- **Reduction of Toxicity, Mobility or Volume with Treatment**. This criterion evaluates the remedy's ability to reduce the toxicity, mobility, or volume of Site contamination. Preference is given to remedies that permanently and significantly reduce the toxicity, mobility, or volume of the wastes at the Site.

- **Short-Term Effectiveness**. Short-term effectiveness is an evaluation of the potential short-term adverse impacts and risks of the remedy upon the community, the workers, and the environment during construction and/or implementation. This includes a discussion of how the identified adverse impacts and health risks to the community or workers at the Site will be controlled, and the effectiveness of the controls. This criterion also includes a discussion of engineering controls that will be used to mitigate short term impacts (i.e., dust control measures), and an estimate of the length of time needed to achieve the remedial objectives.

- **Implementability**. The implementability criterion evaluates the technical and administrative feasibility of implementing the remedy. Technical feasibility includes the difficulties associated with the construction and the ability to monitor the effectiveness of the remedy. For administrative feasibility, the availability of the necessary personnel and material is evaluated along with potential difficulties in obtaining specific operating approvals, access for construction, etc.

- **Cost**. Capital, operation, maintenance, and monitoring costs are estimated for the remedy and presented on a present worth basis.

- **Community Acceptance**. This criterion evaluates the public's comments, concerns, and overall perception of the remedy.

Evaluation of the IRM against these criteria is presented below.

***Overall Protection of Public Health and the Environment* –** Since the IRM achieved removal of all impacted soil within the boundaries of the Site to SCOs and included installation of a vapor barrier and sub-slab depressurization system beneath the entire Niagara Falls Municipal Complex, the IRM is protective of human health and the environment and successfully achieved the RAOs for the Site.

Compliance with SCGs – The IRM was performed in accordance and otherwise achieved with applicable, relevant, and appropriate standards, guidance, and criteria.

***Long-Term Effectiveness and Permanence* –** Since the IRM achieved removal of all impacted soil within the boundaries of the Site, no residual soil contamination remains on the Site. Consequently, the IRM provides long-term effectiveness and permanence.

***Reduction of Toxicity, Mobility, or Volume with Treatment* –** Through removal of all impacted soil, the IRM permanently and significantly reduced the toxicity, mobility, and volume of Site contamination.

***Short-Term Effectiveness* –** The short-term adverse impacts and risks to the community, workers, and environment during implementation of the IRM were effectively controlled. Temporary safety construction fencing was placed around the outer perimeter of the work area to distinguish the work zone and discourage trespassing. During soil excavation and loading activities, dust monitoring was performed to assure conformance with NYSDOH-approved community air monitoring action levels. Erosion and sedimentation control were accomplished through the construction of earthen berms and/or the use of straw bails. The potential for chemical exposures and physical injuries were reduced through safe work practices, proper personal protection, environmental monitoring, establishment of work zones and Site control, and appropriate decontamination procedures. The IRM achieved the RAOs for the Site in little more than 1 month.

***Implementability* –** No technical or action-specific administrative implementability issues were associated with implementation of the IRM, with the exception of classification of the impacted soil/fill, as discussed above.

***Cost* –** The capital cost of the IRM was approximately $2,535,925.00. Post-remedial bedrock groundwater monitoring will be undertaken if required by the NYSDEC. According to the NYSDEC, that agency will be performing at least one additional groundwater sampling event as requested by the NYSDOH. Accordingly, long-term O&M costs have not been separately allocated for this Site.

Community Acceptance – The IRM Work Plan was advertised and made available for comment with the BCP application. No comments opposing the work were received.

Based on the preceding evaluation, the IRM in conjunction with post-remedial groundwater monitoring (if required by the NYSDEC), satisfies the criteria necessary for these measures and is the final remedy for the Site.

10.0 REFERENCES

1. *Magnetometer and Limited and Focused Subsurface Soil & Groundwater Investigation, Portion of the Proposed Niagara Falls Municipal Complex, 915 Cleveland Avenue, Niagara Falls, New York*, dated July 11, 2007, prepared by LCS, Inc.

2. *Soil and Groundwater Investigation – Portion of the Proposed Niagara Falls Municipal Complex Report*, *915 Cleveland Avenue, Niagara Falls, New York*, prepared by LCS, Inc., dated September 20, 2007

3. *Remedial Investigation Work Plan for Niagara Falls Municipal Complex*, prepared by LCS, Inc., dated August 2007.

4. *Interim Remedial Measures Work Plan for Brownfield Cleanup Program – Niagara Falls Municipal Complex*, prepared by LCS, Inc., August 2007.

TABLES

Table 1

Summary of Soil/Fill Analytical Results

Main Street and Cleveland Avenue Site
Niagara Falls, New York

VOCs in Soil by USEPA SW-846 Method 8260 TCL

Sample ID	BCP BH17	BCP BH18	BCP BH19	BCP BH19	BCP BH20	BCP BH21	DUP1 (BCP BH21)	Part 375 (Unrestricted Use) Soil Cleanup Objectives
Date Sampled	10/16/07	10/30/07	10/18/07	10/18/07	10/18/07	10/17/07	10/17/07	
Sample Depth	14-16.4 ft. bgs	20-22 ft. bgs	16-17 ft. bgs	8-10 ft. bgs	12-12.8 ft. bgs	18-19 ft. bgs	18-19 ft. bgs	
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Methylene chloride	8	5	7	4 J	4 J	11	14	50
Cis-1,2- Dichloroethene	<5	<5	<5	<6	<5	<6	<7	250
Tetrachloroethene	4 J	37	2 J	3 J	2 J	1 J	2 J	1,300
Cyclohexane	<5	3 J	<5	<6	<5	<6	<7	NL
Ethylbenzene	<5	<5	<5	<6	<5	<6	<7	1,000
Total Xylenes	<15	<16	<16	<17	<15	<17	<21	260
N-Propylbenzene	<5	<5	<5	<5	<5	<6	<7	3,900
1,2,4- Trimethylbenzene	<5	<5	<5	<6	<5	<6	<7	3,600
1,3,5- Trimethylbenzene	<5	<5	<5	<6	<5	<6	<7	8,400
Isopropylbenzene	<5	<5	<5	<6	<5	<6	<7	NL
Methylcyclohexane	<5	4 J	<5	<6	<5	<6	<7	NL
n-butylbenzene	<5	<5	<5	<6	<5	<6	<7	12,000
Naphthalene	<5	<5	<5	<6	<5	<6	<7	12,000
Benzene	<5	<5	<5	<6	<5	<6	<7	60
Toluene	<5	2 J	<5	<6	<5	<6	<7	700
M,p-Xylene	NA	NA	NA	NA	NA	NA	NA	NL
o-Xylene	NA	NA	NA	NA	NA	NA	NA	NL
p-isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NL
p-cymene	<5	<5	<5	<6	<5	<6	<7	NL

ug/kg = micrograms per kilogram
ft. bgs = feet below ground surface
NA= Not Analyzed
NL = Not Listed
J= Indicates an estimated value
BOLD = Analyte detected above Part 375 (Unrestricted Use) Soil Cleanup Objectives

Table 1

Summary of Soil/Fill Analytical Results

Main Street and Cleveland Avenue Site
Niagara Falls, New York

SVOCs in Soil by USEPA SW-846 Method 8270 TCL

Sample ID	BH18	BCP BH21	DUP1 (BCP BH21)	Part 375 (Unrestricted Use) Soil Cleanup Objectives
Date Sampled	**10/30/07**	**10/17/07**	**10/17/07**	
Sample Depth	**20-22ft. bgs**	**18-19ft. bgs**	**18-19 ft. bgs**	
Units	ug/kg	ug/kg	ug/kg	ug/kg
Naphthalene	44 J	<180	<180	12,000
2- Methylnaphthalene	32 J	<180	<180	NL
Fluorene	97 J	<180	<180	30,000
Phenanthrene	510	<180	<180	100,000
Acenaphthylene	14 J	<180	<180	100,000
Anthracene	150 J	<180	<180	100,000
Acenaphthene	87 J	<180	<180	20,000
Bis (2-ethylhexyl) phthalate	<200	<180	<180	NL
Di-n-octyl phthalate	130 B,J	<180	120 B,J	NL
Dibenzo(a,h)anthtacene	30 J	<180	<180	330
Caprolactum	<200	<180	<180	NL
Fluoranthene	440	<180	10J	100,000
Pyrene	330	13J	<180	100,000
Benzo(a)anthracene	220	<180	47 J	1,000
Chrysene	180 J	120J	36 J	1,000
Benzo(b)fluoranthene	220	<180	<180	1,000
Benzo(ghi)perylene	83 J	<180	<180	100,000
Benzo(k)fluoranthene	<200	<180	<180	800
Benzo(a)pyrene	160 J	<180	<180	1,000
Dibenzofuran	54 J	<180	<180	NL
Carbazole	69 J	<180	<180	NL
Indeno(1,2,3-cd)pyrene	84 J	<180	<180	500

ug/kg = micrograms per kilogram
NL = Not Listed
J= Indicates an estimated value
B = This analyte was also detected within the laboratory's method blank and may be the result of laboratory contamination.
BOLD = Analyte detected above Part 375 (Unrestricted Use) Soil Cleanup Objectives

Table 1

Summary of Soil/Fill Analytical Results

Main Street and Cleveland Avenue Site
Niagara Falls, New York

METALS in Soil by USEPA SW-846 METHODS 6010/7471A TAL

Sample ID	BH18	BCP BH21	DUP1 (BCP BH21)	Part 375 (Unrestricted Use) Soil Cleanup Objectives
Date Sampled	10/30/07	10/17/07	10/17/07	
Sample Depth	0-2 ft. bgs	18-19ft. bgs	18-19ft. bgs	
Units	mg/kg	mg/kg	mg/kg	mg/kg
Aluminum- Total	8200	2300	2540	NL
Antimony- Total	0.78 B	<0.52	<0.55	NL
Arsenic- Total	4.9	2.2	2.4	13
Barium- Total	76.5	14.5	17.3	350
Beryllium- Total	0.5	0.33	0.33	7.2
Cadmium- Total	0.91	0.64	**5**	2.5
Calcium- Total	140,000	196,000	179,000	NL
Chromium- Total	23.7	4.1	5.6	30
Cobalt- Total	4.6	2.5	2.6	NL
Copper- Total	18.9	7.8	10.5	50
Iron- Total	9450	4300	4340	NL
Mercury- Total	**0.545**	0.028	0.027	0.18
Magnesium- Total	42,900	107,000	97,400	NL
Manganese- Total	579	567	548	1,600
Nickel- Total	14.2	6	6.2	30
Potassium- Total	1060	933	978	NL
Selenium- Total	0.73 B	<0.57	<0.6	3.9
Sodium- Total	512	288	358	NL
Vanadium- Total	22.2	8.5	8.5	NL
Lead- Total	**84.6**	**535**	**1190**	63
Zinc- Total	**276**	**333**	**2080**	109

mg/kg = micrograms per kilogram
NL = Not Listed
B = This analyte was also detected within the laboratory's method blank and may be the result of laboratory contamination.
BOLD = Analyte detected above Part 375 (Unrestricted Use) Soil Cleanup Objectives

Table 1

Summary of Soil/Fill Analytical Results

Main Street and Cleveland Avenue Site
Niagara Falls, New York

PCBs in Soil by USEPA SW-846 METHOD 8082
No analytes were detected at or above the laboratory's method detection limits.

Table 2

Summary of Groundwater Analytical Results

Main Street and Cleveland Avenue Site
Niagara Falls, New York

VOCs in Groundwater by USEPA SW-846 METHOD 8260 TCL

Sample ID	BCP BRWM2	BCP BRMW2	DUP2 (BCP BRMW2)	DUP2 (BCP BRMW2)	BCP BRMW3	BCP BRMW4	BCP BRMW5	BCP BRMW6	NYSDEC Groundwater Criteria (Class GA)
Date Sampled	10/31/07	10/31/07	10/31/07	10/31/07	10/31/07	1/14/08	10/31/07	10/31/07	
Units	ug/l	ug/l	Ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Vinyl chloride	<10	<50	<10	<50	<10	<10	<10	<10	2
Acetone	<10	<50	<10	<50	<10	<10	<10	<10	50
Methylene chloride	<10	4 D,J	<10	6 D,J	<10	<10	<10	<10	5
Trans-1,2- Dichloroethene	<10	<50	<10	<50	<10	<10	<10	<10	5
Cis-1,2- Dichloroethene	2 J	<50	2 J	<50	<10	2J	<10	<10	5
Trichloroethene	7 J	6 D,J	7 J	7 D,J	0.5	2J	<10	<10	5
Tetrachloroethene	360 E	320 D	360 E	320 D	13	45	<10	<10	5
1,2,4 Trimethylbenzene	<1	<5	<1	<5	<1	<1	<1	<1	5
1,1-Dichloroethene	<10	<50	<10	<50	<10	<10	<10	<10	5
Chloromethane	<10	<50	<10	<50	<10	<10	<10	<10	5
Chloroform	<10	<50	<10	<50	<10	<10	1 J	<10	7
1,1,1-Trichloroethane	<10	<50	<10	<50	<10	<10	<10	<10	5
Benzene	<10	<50	<10	<50	<10	<10	<10	<10	1
Toluene	<10	<50	<10	<50	<10	<10	<10	<10	5
Ethylbenzene	<10	<50	<10	<50	<10	<10	<10	<10	5
Total Xylenes	<10	<50	<10	<50	<10	<10	<10	<10	5

ug/l = micrograms per liter
NA= Not Analyzed
D or DL= Compounds identified at a secondary dilution
J= Indicates an estimated value
E= Identifies compounds whose concentrations exceed the calibration range of the instrument for that particular analysis.
= Analyte detected above or 6 NYCRR Part 703 Groundwater (GA) Criteria

Table 3

Comparison of Source Area Concentrations to Health-Based Soil Cleanup Objectives

Main Street and Cleveland Avenue Site
Niagara Falls, New York

Parameter	Highest Exposure Point Concentration (ug/kg)	USEPA Health Based Recommended Soil Cleanup Objective (ug/kg)	Part 375 (Unrestricted) Recommended Soil Cleanup Objective (ug/kg)
Volitale Organic Compounds (VOCs) (ug/kg)			
Methylene chloride[1]	14	93,000	50
Cis-1,2- Dichloroethene[2]	2 J	7,700	250
Tetrachloroethene[3]	2,300,000	14,000	1,300
Cyclohexane[4]	3 J	NL	NL
Ethylbenzene[5]	310	NL	1,000
N-Propylbenzene[5]	1,100	NL	3,900
Sec-Butylbenzene[5]	1,000	NL	11,000
1,2,4-Trimethylbenzene[5]	9,500	NL	3,600
1,3,5-Trimethylbenzene[5]	2,800	NL	8,400
Isopropylbenzene[6]	651	NL	NL
Methylcyclohexane[5]	200	NL	NL
N-Butylbenzene[5]	2,200	NL	12,000
Naphthalene[5]	480	NL	12,000
Benzene[7]	18	24,000	60
Toluene[8]	24	NL	700
M,P-Xylene[8]	26	NL	NL
O-Xylene[9]	4	NL	NL
Total Xylenes[2]	220 J	NL	260
P-Isopropyltoluene[6]	839	NL	NL
P-Cymene[2]	1,100	NL	NL
TICS[2]	113,900	NL	NL
Semi-Volatile Organic Compounds (SVOCs) (ug/kg)			
Naphthalene[2]	130 J	NL	12,000
2-Methylnaphthalene[2]	98 J	NL	NL
Fluorene[4]	97 J	NL	30,000
Phenanthrene[4]	510	NL	100,000
Acenaphthylene[4]	14 J	NL	100,000
Anthracene[4]	150 J	NL	100,000
Acenaphthene[4]	87 J	NL	20,000
Bis (2-ethylhexyl) Phthalate[10]	80 J	50,000	NL
Di-n-octyl phthalate[10]	9 J	NL	NL
Dibenzo(a,h)anthracene[4]	**30 J**	14.3	330
Caprolactum[5]	380	NL	NL
Fluoranthene[7]	519	NL	100,000
Pyrene[7]	706	NL	100,000
Benzo(a)anthracene[7]	271	224	1,000
Chrysene[7]	286	NL	1,000
Benzo(b)fluoranthene[7]	514	NL	1,000
Benzo(g,h,i)perylene[4]	83 J	NL	100,000
Benzo(k)fluoranthene[7]	268	NL	800
Benzo(a)pyrene[7]	327	60.9	1,000
Dibenzofuran[4]	54 J	NL	NL
Carbazole[4]	69 J	NL	NL
Ideno(1,2,3-cd)pyrene[7]	102	NL	500

TICS[2]	52,700	NL	NL
Metals (ug/kg)			
Aluminum-Total[4]	8,200,000	NL	NL
Arsenic-Total[11]	13,500	390,000	13,000
Barium-Total[7]	215,000	NL	350,000
Beryllium-Total[4]	500	1,400,000	7,200
Cadmium-Total[1]	5,000	NL	2,500
Calcium-Total[1]	196,000,000	NL	NL
Chromium-Total[12]	29,000	2,800,000	30,000
Cobalt-Total[4]	4,600	3,700,000	NL
Copper-Total[4]	18,900	NL	50,000
Iron-Total[4]	9,450,000	NL	NL
Mercury-Total[11]	5,090	NL	180
Magnesium-Total[1]	107,000,000	NL	NL
Manganese-Total[4]	579,000	NL	1,600,000
Nickel-Total[4]	14,200	NL	30,000
Potassium-Total[4]	1,060,000	NL	NL
Sodium-Total[4]	512,000	3,800,000	NL
Vanadium-Total[4]	22,200	NL	NL
Lead-Total[1]	1,190,000	NL	63,000
Zinc-Total[1]	2,080,000	NL	109,000

ug/kg = micrograms per kilogram
NL = Not Listed
[1] = Concentration detected in BCP BH21 or DUP1
[2] = Concentration detected in BH11
[3] = Concentration detected in BH15
[4] = Concentration detected in BCP BH18
[5] = Concentration detected in BH11
[6] = Concentration detected in BH2
[7] = Concentration detected in BH4
[8] = Concentration detected in BH3
[9] = Concentration detected in BH7
[10] = Concentration detected in BH13
[11] = Concentration detected in BH6
[12] = Concentration detected in BH8
BOLD = Analyte detected above USEPA Health Based Recommended Soil Cleanup Objectice
= Analyte detected above Part 375 (Unrestricted) Soil Cleanup Objective

Table 4

Verification Sampling
Soil Analytical Data Summary

VOCs in Soil by USEPA SW-846 Method 8260

Sample ID	BCP EX 1 Bottom 1	BCP EX 1 Bottom 2	BCP EX 1 E Wall A	BCP EX 1 E Wall B	BCP EX 1 E Wall B DL	BCP EX 1 S Wall A	BCP EX 1 S Wall B	BCP EX 1 S Wall C	BCP EX 1 S Wall D	BCP EX 1 S Wall E	BCP EX 1 S Wall F	BCP EX 1 S Wall G	BCP EX 1 S Wall G Dupe	BCP EX 1 W Wall A	BCP EX 1 W Wall B	Part 375 (Unrestricted Use) Soil Cleanup Objectives
Figure 7 Reference Number	**1**	**2**	**3**	**4**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**11**	**12**	**13**	
Date Sampled	**1/2/08**	**1/2/08**	**12/26/07**	**1/8/08**	**1/8/08**	**12/19/07**	**12/19/07**	**12/26/07**	**12/26/07**	**12/31/07**	**12/31/07**	**12/31/07**	**12/31/07**	**12/12/07**	**12/31/07**	
Units	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**
Methylene chloride	<6	<6	6	<6	<31	12	9	6	<6	15 B	5 J	6	6	3 J	5 J	50
Tetrachloroethene	<6	<6	3 J	520 E	1000 D	<6	<6	<6	<6	<6	<6	<6	<6	<5	<6	1,300
Ethylbenzene	<6	<6	<6	<6	<31	<6	<6	<6	<6	<6	1 J	<6	<6	<5	<6	1,000
Total Xylenes	<19	<19	<19	<18	<94	<19	<19	<19	<18	<19	8 J	4 J	<17	<16	<18	260
N-Propylbenzene	<6	<6	<6	<6	<31	<6	<6	<6	<6	<6	<6	<6	<6	<5	<6	3,900
Sec- Butylbenzene	<6	<6	<6	<6	<31	<6	<6	<6	<6	<6	2 J	<6	<6	1 J	<6	11,000
1,2,4- Trimethylbenzene	<6	<6	<6	<6	<31	<6	<6	<6	<6	<6	3 J	1 J	<6	<5	<6	3,600
1,3,5- Trimethylbenzene	<6	<6	<6	<6	<31	<6	<6	<6	<6	<6	<6	<6	<6	<5	<6	8,400
Isopropylbenzene	<6	<6	<6	<6	<31	<6	<6	<6	<6	<6	<6	<6	<6	<5	<6	NL
Methylcyclohexane	<6	<6	<6	<6	<31	<6	<6	<6	<6	<6	<6	<6	<6	<5	<6	NL
n-butylbenzene	<6	<6	<6	<6	<31	<6	<6	<6	<6	<6	<6	<6	<6	<5	<6	12,000
Naphthalene	<6	<6	<6	<6	<31	<6	<6	<6	<6	<6	2 J	<6	<6	<5	<6	12,000
Toluene	<6	<6	<6	<6	<31	<6	<6	<6	<6	<6	3 J	2 J	<6	<5	<6	700
Acetone	12 BJ	11 BJ	<31	7 Bj	<160	17 BJ	32 B	7 J	7 J	20 BJ	10 J	8 J	7 J	6 J	10 J	NL
p-cymene	<6	<6	<6	<6	<31	<6	<6	<6	<6	<6	<6	<6	<6	<5	<6	NL

ug/kg = micrograms per kilogram
(TAGM Part 375 = Recommended Soil Cleanup Objective
NL = Not Listed
J= Indicates an estimated value
D or DL = Compounds analyzed at secondary dilution factor.
E= Identifies compounds whose concentrations exceed the calibration range of the instrument for that particular analysis.
N= Indicates presumptive evidence of a compound. This flag is used only for Tentatively Identified Compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
B= This analyte was also detected within the laboratory's method blank and may be the result of laboratory contamination.
Bold = Analyte detected above Part 375 (Unrestricted Use) Soil Cleanup Objectives.

Table 4 (continued)

Verification Sampling
Soil Analytical Data Summary

VOCs in Soil by USEPA SW-846 Method 8260

Sample ID	BCP EX 4 N Wall D	BCP EX 4 N Wall E	BCP EX 3 Floor	BCP EX 3 E Wall	BCP EX 3 S Wall	BCP EX 3 W Wall	BCP EX 4 E Wall A	BCP EX 4 E Wall A DL	BCP EX 4 E Wall B	BCP EX 4 E Wall C	BCP EX 4 E Wall D	BCP EX 4 S Wall A	BCP EX 4 S Wall B	BCP EX 4 W Wall A	BCP EX 4 W Wall B	Part 375 (Unrestricted Use) Soil Cleanup Objectives
Figure 7 Reference Number	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**20**	**21**	**22**	**23**	**24**	**25**	**26**	**27**	
Date Sampled	**1/8/08**	**1/8/08**	**1/2/08**	**1/2/08**	**1/2/08**	**1/2/08**	**1/12/08**	**1/12/08**	**1/12/08**	**1/12/08**	**1/14/08**	**1/12/08**	**1/12/08**	**1/3/08**	**1/3/08**	
Units	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**
Methylene chloride	<6	<6	3 BJ	3 BJ	<6	3 BJ	<6	<32	4 J	<6	<6	5 J	2 J	2 BJ	4 BJ	50
Tetrachloroethene	1 J	10	<6	<6	<6	<5	350 E	260 D	23	<6	<6	31	15	<6	<6	1,300
Ethylbenzene	<6	<6	<6	<6	<6	<5	<6	<32	<6	<6	<6	<6	<5	<6	<6	1,000
Total Xylenes	<18	<18	<18	<16	<19	<16	<17	<94	<18	<19	<17	<18	<16	<16	<17	260
N-Propylbenzene	<6	5 J	<6	<6	<6	<5	<6	<32	<6	<6	<6	<6	<5	<6	<6	3,900
Sec- Butylbenzene	<6	6	<6	<6	<6	<5	<6	<32	<6	<6	<6	<6	<5	<6	<6	11,000
1,2,4- Trimethylbenzene	6	87	<6	<6	<6	<5	<6	<32	<6	<6	<6	<6	<5	<6	<6	3,600
1,3,5- Trimethylbenzene	<6	16	<6	<6	<6	<5	<6	<32	<6	<6	<6	<6	<5	<6	<6	8,400
Isopropylbenzene	<6	2 J	<6	<6	<6	<5	<6	<32	<6	<6	<6	<6	<5	<6	<6	NL
Methylcyclohexane	<6	5 J	<6	<6	<6	<5	<6	<32	<6	<6	<6	<6	<5	<6	<6	NL
n-butylbenzene	2 J	17	<6	<6	<6	<5	<6	<32	<6	<6	<6	<6	<5	<6	<6	12,000
Naphthalene	5 J	39	<6	<6	<6	<5	<6	<32	<6	<6	<6	<6	<5	<6	2 J	12,000
Toluene	<6	<6	<6	<6	<6	<5	<6	<32	<6	<6	<6	<6	<5	<6	<6	700
Acetone	7 BJ	9 BJ	9 BJ	8 BJ	11 BJ	8 BJ	7 J	<160	<30	10 J	<28	12 J	7 J	13 BJ	12 BJ	NL
p-cymene	<6	7	<6	<6	<6	<5	<6	<32	<6	<6	<6	<6	<5	<6	<6	NL

ug/kg = micrograms per kilogram
(TAGM Part 375 = Recommended Soil Cleanup Objective
NL = Not Listed
J= Indicates an estimated value
D or DL = Compounds analyzed at secondary dilution factor.
E= Identifies compounds whose concentrations exceed the calibration range of the instrument for that particular analysis.
N= Indicates presumptive evidence of a compound. This flag is used only for Tentatively Identified Compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
B= This analyte was also detected within the laboratory's method blank and may be the result of laboratory contamination.
Bold = Analyte detected above Part 375 (Unrestricted Use) Soil Cleanup Objectives.

Table 4 (continued)

Verification Sampling
Soil Analytical Data Summary

VOCs in Soil by USEPA SW-846 Method 8260

Sample ID	BCP EX 4 W Wall C	BCP EX 4 W Wall D	BCP EX 4 N Wall A	BCP EX 4 N Wall B	BCP EX 4 N Wall C	DUP 4 BCP EX 4 N Wall C	BCP EX 4 N Wall F	BCP EX 4 N Wall G	DUP 5 BCP EX 4 N Wall G	BCP Off-Site Floor CMP	BCP Off-Site Floor CMP DL	BCP Off-Site Wall CMP	BCP Off-Site Wall CMP DL	Part 375 (Unrestricted Use) Soil Cleanup Objectives
Figure 7 Reference Number	**28**	**29**	**30**	**31**	**32**	**32**	**33**	**34**	**34**	**35**	**35**	**36**	**36**	
Date Sampled	**1/3/08**	**1/3/08**	**1/7/08**	**1/7/08**	**1/7/08**	**1/7/08**	**1/17/08**	**1/17/08**	**1/17/08**	**1/18/08**	**1/18//08**	**1/18/08**	**1/18/08**	
Units	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**
Methylene chloride	<6	<6	<6	<5	<6	<6	2 J	3 J	2 J	4 J	<140	3 J	<130	50
Tetrachloroethene	<6	<6	<6	<5	<6	<6	<6	4 J	4 J	**5,700 E**	**6,300 D**	**3,500 E**	**4,200 D**	1,300
Ethylbenzene	<6	<6	<6	<5	<6	<6	<6	<5	<6	<6	<140	<6	<130	1,000
Total Xylenes	<17	<18	<17	3 J	3 J	<18	3 BJ	<16	<17	<17	<410	<16	<390	260
N-Propylbenzene	<6	<6	<6	<5	<6	<6	<6	<5	<6	<6	<140	<6	<130	3,900
Sec- Butylbenzene	3 J	<6	<6	<5	<6	<6	<6	<5	<6	<6	<140	<6	<130	11,000
1,2,4- Trimethylbenzene	<6	<6	<6	1 J	<6	<6	<6	<5	<6	1 J	<140	<6	<130	3,600
1,3,5- Trimethylbenzene	<6	<6	<6	<5	<6	<6	<6	<5	<6	<6	<140	<6	<130	8,400
Isopropylbenzene	<6	<6	<6	<5	<6	<6	<6	<5	<6	<6	<140	<6	<130	NL
Methylcyclohexane	<6	<6	<6	<5	<6	<6	<6	<5	<6	<6	<140	<6	<130	NL
n-butylbenzene	<6	<6	<6	<5	<6	<6	<6	<5	<6	<6	<140	<6	<130	12,000
Naphthalene	5 J	<6	<6	<5	<6	<6	<6	<5	1 BJ	3 J	<140	2 J	28 DJ	12,000
Toluene	<6	<6	<6	3 J	2 J	2 J	2 BJ	2 BJ	<6	<6	<140	<6	<130	700
Acetone	15 BJ	7 BJ	8 BJ	6 BJ	7 BJ	17 BJ	<28	<26	6 J	22 J	<690	25 J	<650	NL
p-cymene	<6	<6	<6	<5	<6	<6	<6	<5	<6	<6	<140	<6	<130	NL

ug/kg = micrograms per kilogram
(TAGM Part 375 = Recommended Soil Cleanup Objective
NL = Not Listed
J= Indicates an estimated value
D or DL = Compounds analyzed at secondary dilution factor.
E= Identifies compounds whose concentrations exceed the calibration range of the instrument for that particular analysis.
N= Indicates presumptive evidence of a compound. This flag is used only for Tentatively Identified Compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
B= This analyte was also detected within the laboratory's method blank and may be the result of laboratory contamination.
Bold = Analyte detected above Part 375 (Unrestricted Use) Soil Cleanup Objectives.

Table 4 (continued)

Verification Sampling
Soil Analytical Data Summary

METALS in Soil by USEPA SW-846 METHODS 6010/7471A

Sample ID	BCP EX 2 E Wall	BCP EX 2 E Wall 2	BCP EX 2 Floor	BCP EX 2 N Wall A	BCP EX 2 N Wall A2	BCP EX 2 N Wall B	BCP EX 2 S Wall A	BCP EX 2 S Wall B	Part 375 (Unrestricted Use) Soil Cleanup Objectives
Figure 7 Reference Number	**37**	**38**	**39**	**40**	**41**	**42**	**43**	**44**	
Date Sampled	**12/13/07**	**12/18/07**	**12/13/07**	**12/13/07**	**12/18/07**	**12/13/07**	**12/13/07**	**12/13/08**	
Units	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Mercury- Total	**0.504** N	0.045	0.08 N	**0.464 N**	0.071	0.01 B,N	0.142 N	0.043	0.18
Lead- Total	**216 N**	11.7	14.8 N	**223 N**	24.3	5.7 N	36.7 N	17.9 N	63

mg/kg = milligrams per kilogram
(TAGM Part 375 = Recommended Soil Cleanup Objective
N= Indicates presumptive evidence of a compound. This flag is used only for Tentatively Identified Compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
B= This analyte was also detected within the laboratory's method blank and may be the result of laboratory contamination.
Bold = Analyte detected above Part 375 (Unrestricted Use) Soil Cleanup Objectives.

FIGURES

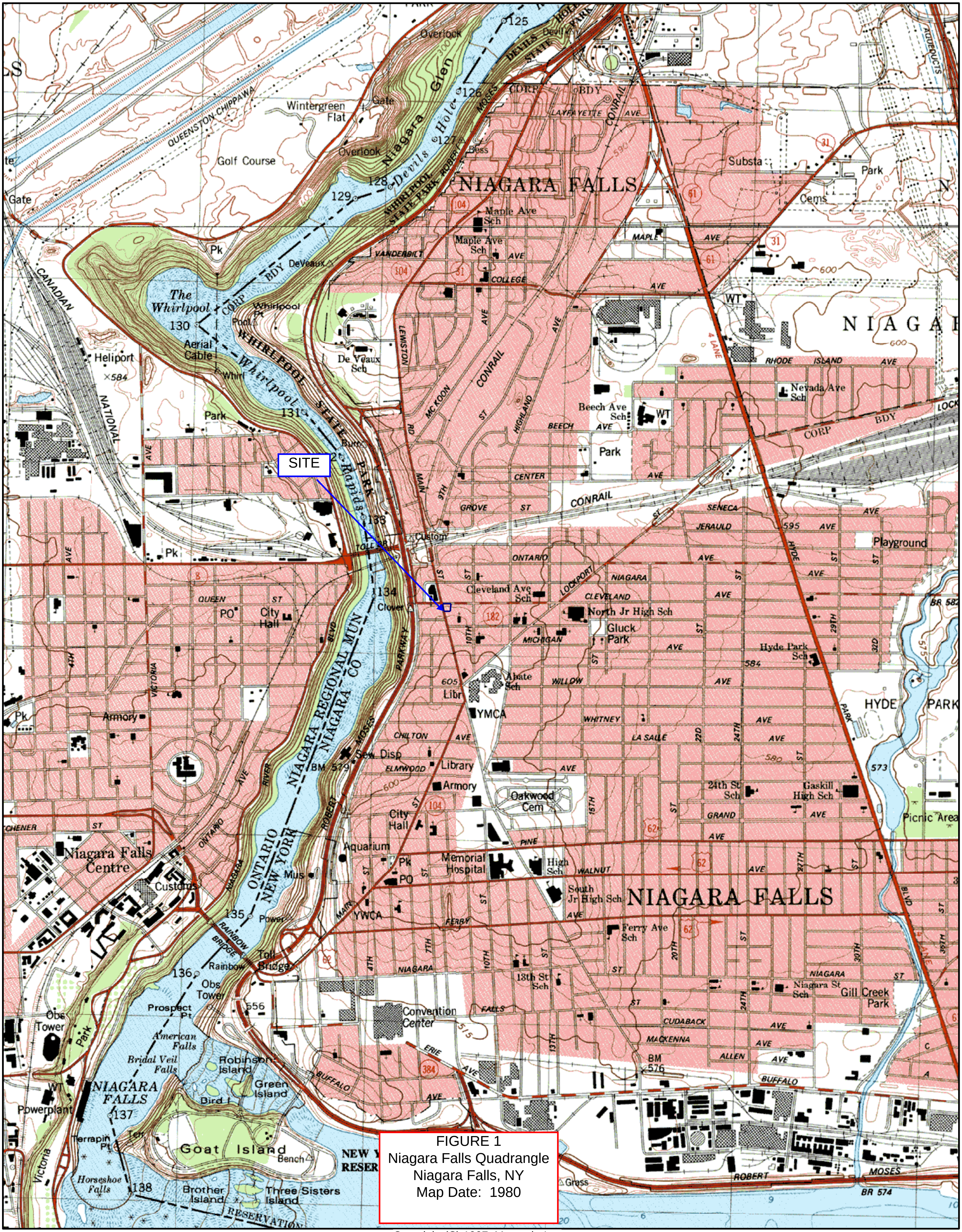
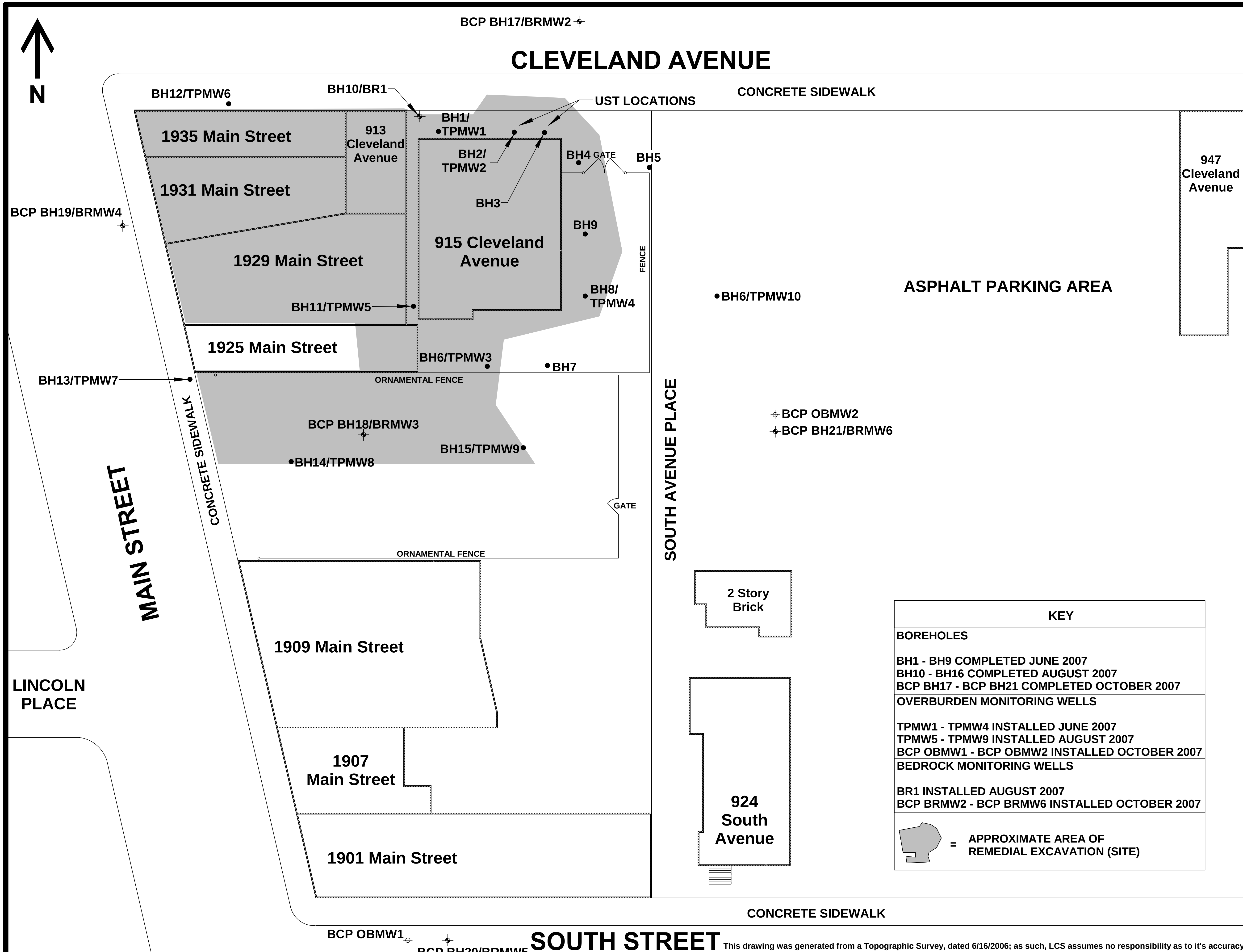


FIGURE 1
Niagara Falls Quadrangle
Niagara Falls, NY
Map Date: 1980


SITE
Lincoln Pl
Cleveland Ave
South Ave
104
182
10th St
© 2008 Tele Atlas
Pointer 43°06'23.24" N 79°03'10.47" W
Streaming 44%
Eye alt 917 ft
Google

FIGURE 2



Drawn by: DPS

Checked by: DBR

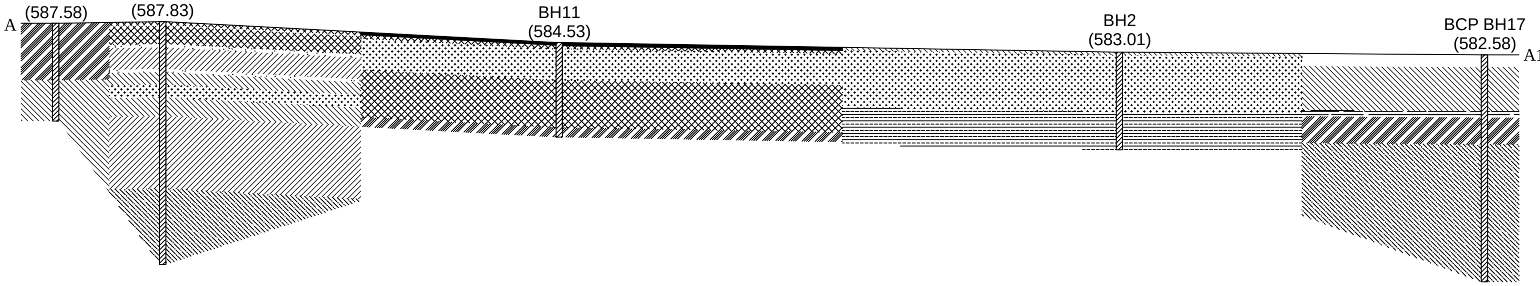
0 40 80 *Approximate Scale in Feet*

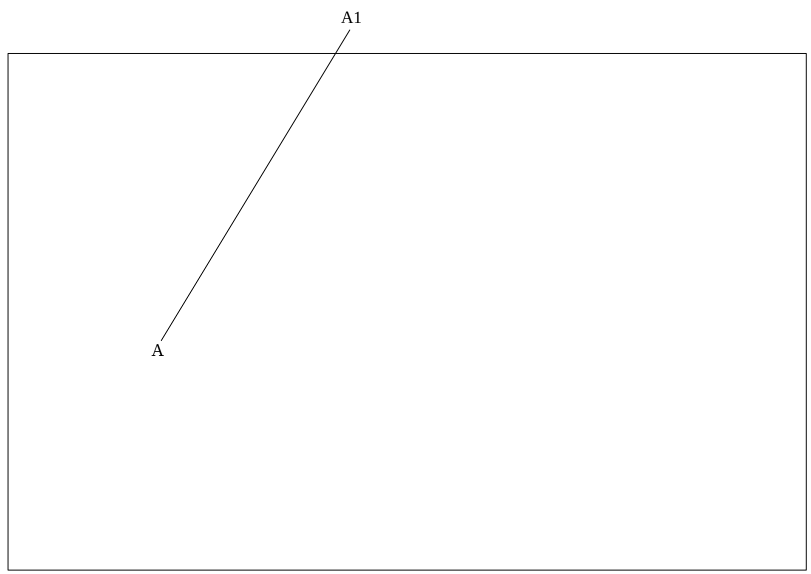
LCS Project # 06B3027.26

FIGURE 3

LCS INC.

= NO RECOVERY
= SILT
= CLAY
= GRAVEL
= BEDROCK
=GRAVELLY SILT
= CLAYEY SILT
= SANDY GRAVEL
= SILTY CLAY
= SILTY SANDY CLAY
= GRAVELLY SANDY SILT
= CONCRETE
( ) = ELEVATION





THE ELEVATIONS REPORTED ARE BASED ON THE TOPOGRAPHICAL SURVEY COMPLETED BY DEBORAH A. NAYBOR PLS, P.C. DATED JUNE 16, 2006

Drawn by: AKZ

Checked by: DBR

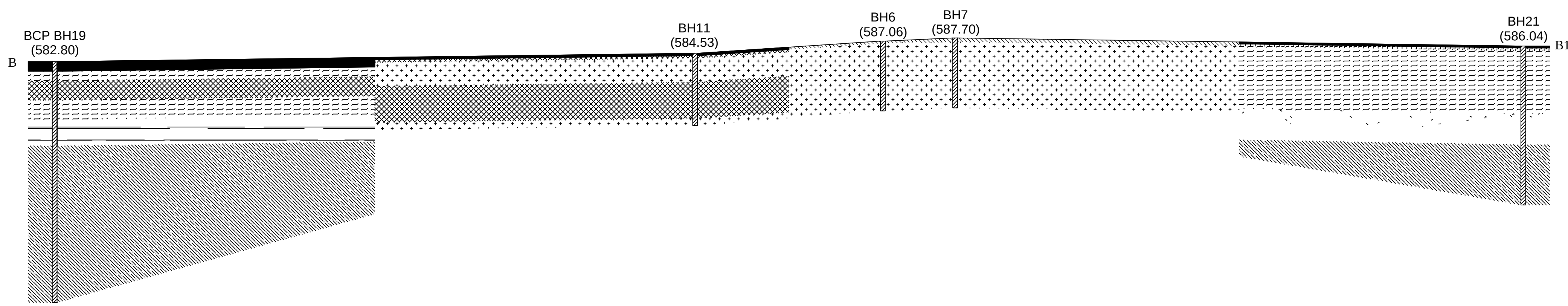
0 20 40
Approximate Scale in Feet

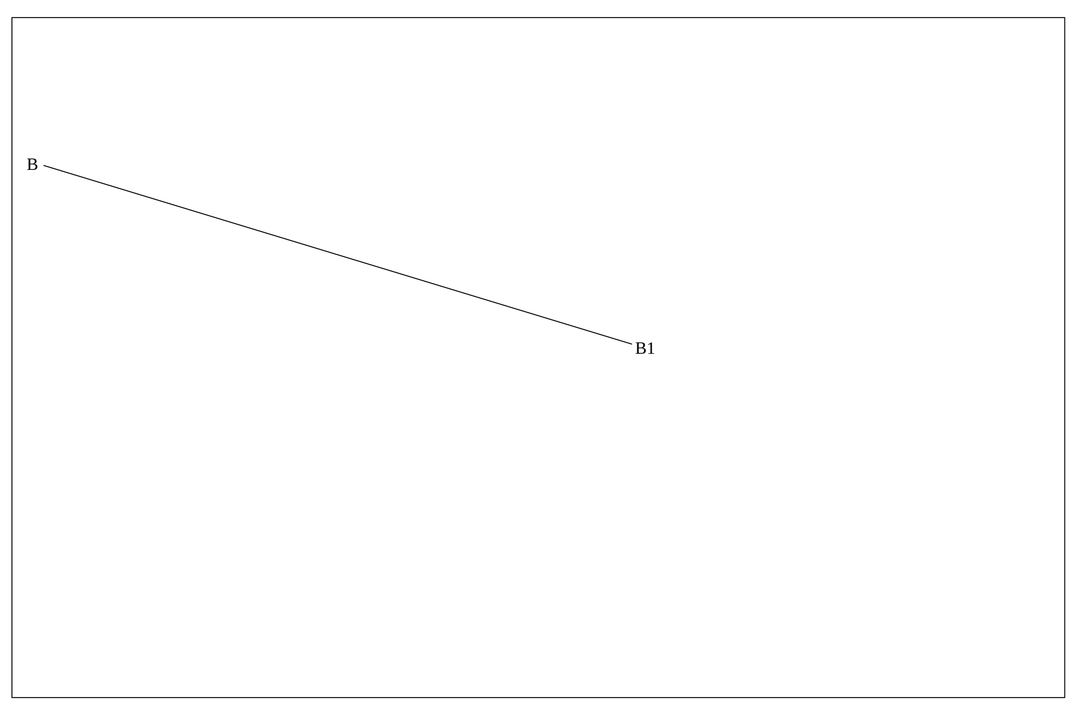
LCS Project # 06N3072.26

FIGURE 4

LCS INC.

= SILT
= SANDY GRAVELLY SILT
= BEDROCK
= CLAYEY SILT
= GRAVELLY SANDY CLAYEY SILT
( ) = ELEVATION
= SILTY CLAY
= GRAVELLY SANDY SILT
= ASPHALT/CONCRETE
= SANDY SILT
= SILTY GRAVEL





THE ELEVATIONS REPORTED ARE BASED ON THE TOPOGRAPHICAL SURVEY COMPLETED BY DEBORAH A. NAYBOR PLS, P.C. DATED JUNE 16, 2006

Drawn by: AKZ

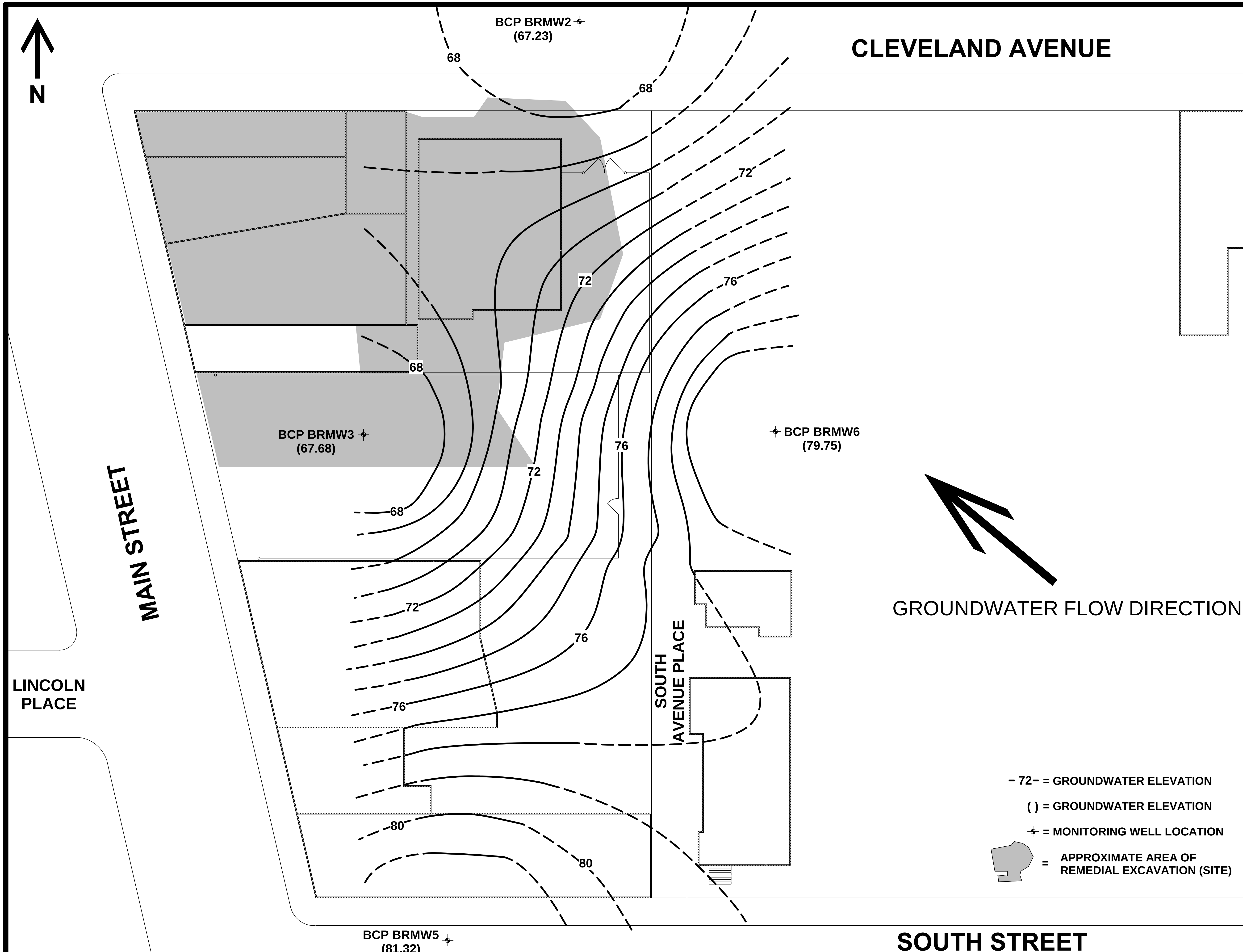
Checked by: DBR

0 30 60
Approximate Scale in Feet

LCS Project # 06B3027.26

FIGURE 5

LCS INC.



Drawn by: DPS

Checked by: DBR

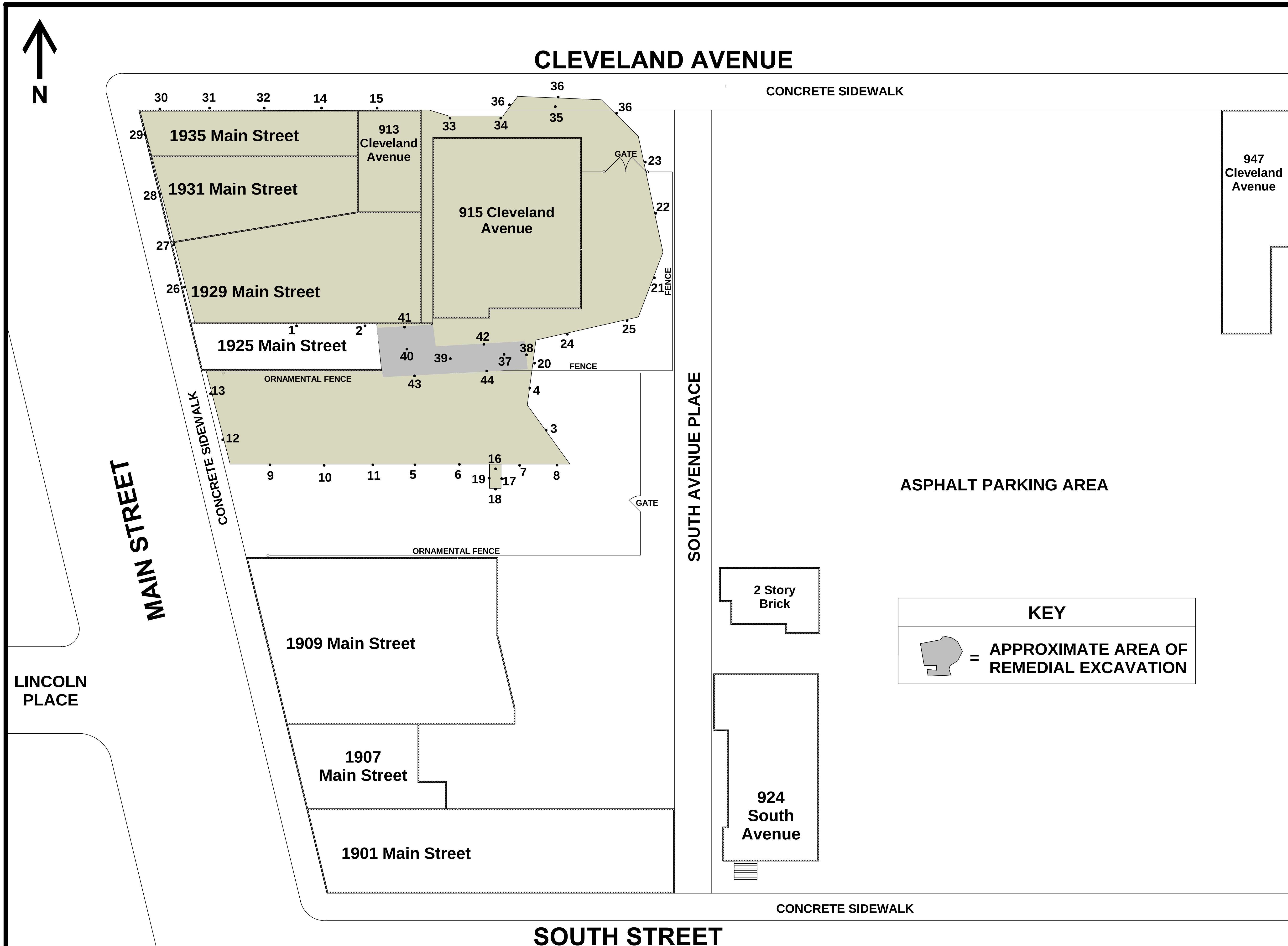
0 40 80

Approximate Scale in Feet

LCS Project # 06B3027.26

FIGURE 6

LCS INC.



Drawn by: DPS

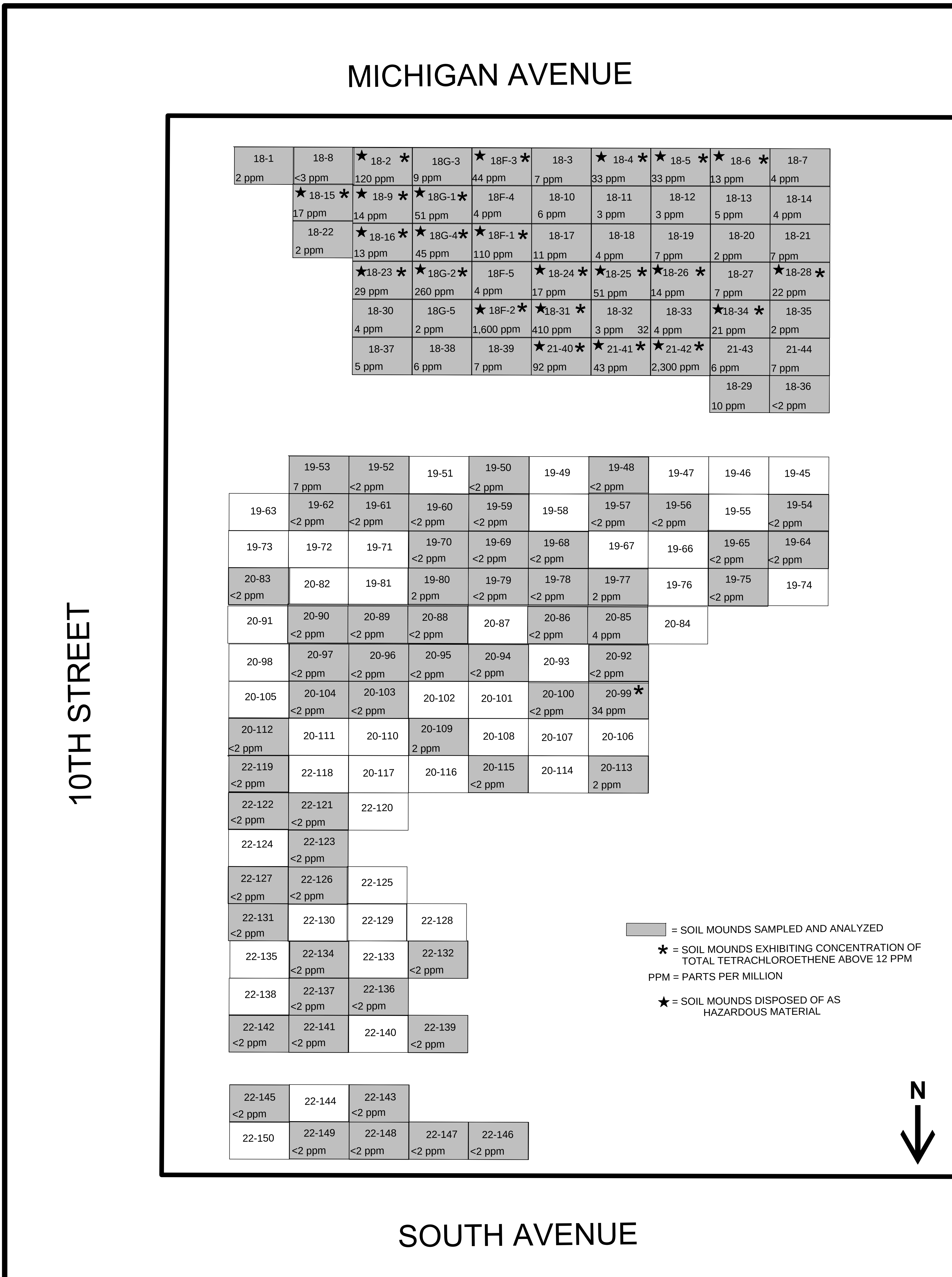
Checked by: DBR

0 40 80 *Approximate Scale in Feet*

LCS Project # 06B3027.26

FIGURE 7

LCS INC.



LCS INC.

FIGURE 8

Drawn by: SM

Checked by: DBR

LCS Project # 06B3027.26

NOT TO SCALE

APPENDIX A

PREVIOUS INVESTIGATION SAMPLE RESULTS

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PITTSBURGH PENNSYLVANIA
ALLENTOWN PENNSYLVANIA
BALTIMORE MARYLAND
SALISBURY MARYLAND
CLEVELAND OHIO

September 20, 2007

CLP3 LLC
c/o Mr. Kirk Burzynski
Ciminelli Development
350 Essjay Road, Suite 101
Williamsville, New York 14221

Re: Soil and Groundwater Investigation
Portion of the Proposed Niagara Falls Municipal Complex
915 Cleveland Avenue
Niagara Falls, New York
NYSDEC Spill #0750363
LCS Project # 06B3027.22

Dear Mr. Burzynski:

Background

At your request, Lender Consulting Services, Inc. (LCS) performed a Magnetometer Survey and an initial and supplemental Soil and Groundwater investigation, at portions of the proposed Niagara Falls Municipal Complex, Niagara Falls, New York (See Figure 1). The subject property is developed with one commercial structure and is located in a highly developed commercial and residential area. The topography of the site is generally level at grade.

The initial investigation was recommended based on the information gathered by LCS during a Phase I Environmental Site Assessment Report for the above-referenced property, dated December 22, 2006. Through that report, the following recognized environmental conditions were identified.

- LCS noted two suspected fill ports north of the building addressed at 915 Cleveland Avenue. LCS suspects such may be associated with underground storage tanks (USTs). Two unidentified manhole-type covers were noted in the vicinity of the suspected fill ports.
- According to historical records, 915 Cleveland Avenue was developed with an apparent automotive repair/service facility from at least 1939 through at least 1949 and a dry cleaner from at least 1950 through at least 1991. [Regulatory information reviewed by LCS suggests dry cleaning continued until at least 1993.]
- Municipal records indicate a former tenant of 1925 Main Street as Quality Cleaners (possibly an additional dry cleaning facility. Records suggesting the presence of this tenant are undated.
- According to the Environmental Data Resources, Inc. (EDR) report, the subject parcel, identified as White Star cleaners, addressed at 915 Cleveland Avenue, was listed as a Resource Conservation and Recovery Act (RCRA) Small Quantity Generator (no violations). Due to the RCRA listing, this subject parcel is also listed within the Facility Index Systems (FINDS) database and as a NY Manifest site.

Due to the discovery of petroleum contamination, during the initial intrusive study, as required by law, the New York State Department of Environmental Conservation (NYSDEC) was notified and spill number 0750363 was assigned to the site. The results of LCS' initial intrusive study were presented within a report dated July 11, 2007.

On July and August 2007, LCS, the Client, Client's counsel and representatives of the NYSDEC met to discuss the results of the initial study and the need for additional study on-site. The possibility of entering the Brownfield Cleanup Program (BCP) was also discussed.

Following the meetings with the NYSDEC, at your request, LCS completed a supplemental study to better delineate the extent of the contamination within the groundwater above the bedrock, to better determine if groundwater within the bedrock had been impacted, to attempt to locate the source area of the solvent contamination, and to complete additional soil and/or groundwater analysis (with reduced deliverables) as is commonly requested by the NYSDEC for sites within the BCP.

For the convenience of the Client, this report summarizes the results of the magnetometer study, the initial intrusive study and the supplemental intrusive study.

Introduction
The work completed as part of the magnetometer study as well as the initial and supplemental studies was generally consistent with the Work Orders # 0-032-00 NF#5, #7, and #8 issued by CLP3, LLC/Ciminelli Development. However, some analyses originally planned for groundwater were not completed due to the lack of sufficient volume of groundwater produced by some monitoring wells.

The following is a summary of the methods and results of the initial and supplemental investigations.

Methods of Investigation

Magnetometer Study
Prior to initiation of field activities for the initial intrusive study, accessible exterior portions of the subject property were examined with a Geonics Model EM-61 Magnetometer in an effort to better determine the likelihood USTs remain on-site. The EM-61 was carried across the accessible areas using standard techniques and the data interpreted using software provided by the manufacturer.

Soil
Direct Push Sampling
Soil samples were collected from nine test borings using direct push sampling techniques on June 7, 2007 and another six test borings on August 24, 2007. Soil samples were collected with either a truck or track-mounted percussion and hydraulically-driven systems equipped with approximate 2-inch diameter, approximate 48 inch long macro-core samplers. Any downhole equipment was decontaminated with an Alconox and tap water wash and tap water rinse between boreholes. The cutting shoes were decontaminated in a similar manner between collection of each sample. Soil samples were generally collected within each borehole continuously from the ground surface until equipment refusal was encountered.

Hollow-stem Auger Drilling
One test boring was advanced on August 20, 2007 using a rotary drill rig equipped with 6-1/4 inch inside diameter (I.D.) hollow stem augers (HSA). Samples from ahead of the HSA were obtained by driving a 2-inch O.D. by 24 inch long steel split-spoon sampler. The sampler was driven its entire length (unless refusal was encountered) with a 140-pound hammer falling 30 inches, in general accordance with ASTM D1586 (Standard Penetration Test). Soil sampling was terminated once bedrock was encountered.

Soil Classification and Field Monitoring
The physical characteristics of all soil samples were classified using the Unified Soil Classification System (USCS) (Visual-Manual Method) and placed in separate sealable containers to allow any vapors to accumulate in the headspace. After several minutes, the container was opened slightly and total VOC concentrations in air within the sample container were measured using a photoionization detector (PID). (The PID is designed to detect VOCs, such as those associated with petroleum.) The results of this screening are included in the attached boring logs. Based on the field observations and/or screening results, soils were selected for analysis (see below).

Groundwater
Overburden Groundwater Well Installation
Temporary groundwater monitoring wells TPMW1 through TPMW10 were installed within boreholes BH1, BH2, BH6, BH8, and BH11 through BH16, respectively. Generally, the bottoms of the wells were set to between 13 and 16 ft. bgs. Each of the wells were constructed with 1-inch diameter PVC screen and riser with a silica filter pack placed around the well screen. A bentonite seal was placed above the sand. The wells were covered with plastic caps, to prevent surface water from entering the wells. Refer to the attached well construction diagrams for specific construction details.

Bedrock Groundwater Monitoring Well Installation

One bedrock groundwater monitoring well (BR1) was installed on the north side of the subject structure on August 20-21, 2007 (see Figure 2). That well was positioned proximate to the highest groundwater contamination identified during the initial study completed in June.

In order to install the bedrock monitoring well, bedrock was cored once soil sampling refusal was attained (i.e., a 1 inch penetration or less for 50 blows with the slide hammer) and HSA refusal occurred. A temporary steel casing was advanced approximately one foot into the bedrock prior to coring.

A 3-inch nominal rock core (i.e., HQ-size) was continued beyond the depth of the steel casing until a depth of approximately 36.5 ft. below ground surface (bgs). Coring of the bedrock was completed in general accordance with ASTM D 2113 (Diamond Core Drilling for Site investigation). During coring of the bedrock, drilling fluids (potable water) were used and re-circulated. Additional fluids were added as necessary.

Once the boring was deemed complete, the well was constructed using 2 inch-diameter Schedule 40 PVC screen and riser. Generally, the bottom of the well was set to approximately 36.5 ft. bgs, to encounter the upper-most water bearing zone. The silica filter pack was placed to approximately 1 foot above of the top of the well screen and a bentonite/cement grout was installed above the filter pack. The bedrock monitoring well was completed with a flush mount protective casing set in a concrete pad. Refer to the attached well construction diagram for specific well construction details.

Well Development and Sampling

The overburden groundwater samples were collected on June 7, and 8, 2007 and August 27 and 29, 2007. Due to the lack of sufficient groundwater; no samples could be collected from TPMW7 and TPMW10. The bedrock groundwater sample was collected on August 29, 2007.

Several days prior to sampling, the bedrock monitoring well was purged using a gasoline-powered centrifugal pump connected to dedicated polyethylene tubing connected to a brass and stainless steel foot valve set within the well. The approximate volume of water introduced during the coring of the bedrock was evacuated.

Prior to sampling of both the overburden and groundwater monitoring wells, the wells were developed. Following removal of the first volume of water, and after each subsequent volume of water removed, field parameters (pH, turbidity, temperature and specific conductance) were measured and recorded to document the presence of representative water in the well (i.e., equilibration to steady readings). Prior to sample collection, the variability of field testing results between successive well volumes did not vary by more than 10% for specific conductance, $\pm$0.2 units for pH, and $\pm$0.5^{o}C for temperature.

New disposable dedicated PVC bailers were used for well development of the overburden wells and sample collection activities. Samples collected for metals analysis we obtained using a peristaltic pump in an effort to obtain samples with turbidity measurements less than 50 Nephelometric Turbidity Units (NTUs).

Sample Analysis

Following labeling of the laboratory-supplied sample containers, selected samples were placed on ice. The samples were then submitted, under standard chain-of-custody, to New York State Department of Health (NYSDOH) approved laboratories for analysis in accordance with the United States Environmental Protection agency (USEPA) SW-846 Methods as summarized below.

The following table summarizes the specific analytical testing performed and their respective sample locations.

Sample Location	Analytical Testing Performed
Soil	
BH01 (2-4 ft. bgs)	RCRA Metals
BH01 (10-12 ft. bgs)	VOCs (STARS List + 10 TICs), SVOCs (STARS List + 20 TICs)
BH02 (0-2 ft. bgs)	RCRA Metals
BH02 (6-8 ft. bgs)	VOCs (STARS List + 10 TICs), SVOCs (STARS List + 20 TICs)
BH03 (0-2 ft. bgs)	RCRA Metals
BH03 (10-12 ft. bgs)	VOCs (STARS List + 10 TICs), SVOCs (STARS List + 20 TICs)
BH04 (2-4 ft. bgs)	RCRA Metals
BH04 (8-10 ft. bgs)	VOCs (STARS List + 10 TICs), SVOCs (STARS List + 20 TICs)
BH06 (0-2 ft. bgs)	RCRA Metals
BH06 (10-12 ft. bgs)	TCL VOCs, TCL SVOCs
BH07 (0-4 ft. bgs)	RCRA Metals
BH07 (14-15 ft. bgs)	TCL VOCs, TCL SVOCs
BH08 (2-4 ft. bgs)	RCRA Metals
BH08 (8-10 ft. bgs)	TCL VOCs, TCL SVOCs
BH09 (4-6 ft. bgs)	RCRA Metals
BH09 (8-10 ft. bgs)	TCL VOCs, TCL SVOCs
BH11 (6-8 ft. bgs)	TCL VOCs, TCL SVOCs, RCRA Metals, PCBs, Cyanide
BH12 (12-14.5 ft. bgs)	TCL VOCs, TCL SVOCs, RCRA Metals, PCBs, Cyanide
BH13 (8-10 ft. bgs)	TCL VOCs, TCL SVOCs, RCRA Metals, PCBs, Cyanide
BH14 (14-15.5 ft. bgs)	TCL VOCs, TCL SVOCs, RCRA Metals, PCBs, Cyanide
BH15 (12-13.75 ft. bgs)	TCL VOCs, TCL SVOCs, RCRA Metals, PCBs, Cyanide
BH16 (14-16 ft. bgs)	TCL VOCs, TCL SVOCs, RCRA Metals, PCBs, Cyanide
Groundwater	
TPMW1	VOCs (STARS List+TCL), TCL SVOCs, RCRA Metals
TPMW2	TCL VOCs, TCL SVOCs, RCRA Metals
TPMW3	TCL VOCs, TCL SVOCs, RCRA Metals
TPMW4	TCL VOCs, TCL SVOCs, RCRA Metals
TPMW5	TCL VOCs, TCL SVOCs
TPMW6	TCL VOCs
TPMW8	TCL VOCs
TPMW9	TCL VOCs
BR1	TCL VOCs

ft. bgs = feet below ground surface
TCL VOCs = Target Compound List Volatile Organic Compounds via USEPA Test Method 8260
TCL SVOCs = Target Compound List Semi-Volatile Organic Compounds via USEPA Test Method 8270
RCRA Metals = Resource Conservation and Recovery Act Metals via USEPA Test Methods 6010/7000
PCBs = Polychlorinated Biphenyls via USEPA Test Method 8082
Cyanide = Total Cyanide via USEPA Test Method 9014

Results of Field Investigation

Magnetometer Study
Prior to initiation of field activities for the initial intrusive study, a Magnetometer study was completed within accessible areas proximate to suspected USTs on-site. However, due to limited accessibility, conclusive data suggesting the presence or absence of UST(s) could not be confirmed. However, based on the observation of two suspected fill ports, two USTs are believed to be present.

Soil
In all, sixteen boreholes (BH1 through BH16) were completed in accessible areas of the subject property. (See Figure 2.) A total of 108 soil samples were collected for geologic description. The boreholes generally encountered fill material in all borehole locations to a depth of between approximately 1 and 9 ft. bgs. That material consisted of clayey silt, gravelly silt, gravel, and silt. The fill material was generally underlain by native soils consisting of various combinations of gravel, sand, clay and silt. Suspected groundwater was generally encountered in most boreholes between 5 ands 17.5 ft. bgs. Equipment refusal was encountered within test borings BH2 through BH15 between approximately 10 and 17.5 ft. bgs. The cause of the equipment refusal was apparently due to underlying bedrock.

PID measurements were above total ambient air background VOC measurements (i.e., 0.0 parts per million, ppm) in 106 of the 108 samples collected. These elevated concentrations ranged from 0.2 parts per million (ppm) to 781 ppm (BH11, 6-8 ft. bgs). Slight petroleum-type odors were detected within BH2 (~7.5-9 ft. bgs) and within BH11 (1-4 ft. bgs). Possible solvent-type odors were also detected within BH11 (4-7 ft. bgs and 8-14 ft. bgs).

Refer to the attached subsurface logs for soil classification for each sample interval, field observations and PID measurements.

Analytical Results

The soil and groundwater samples collected and analyzed detected the following analytes. The respective concentrations as well as applicable regulatory guidance values are also listed for comparison. Analytes not detected are not shown.

SOIL RESULTS

VOCs by USEPA SW-846 Method 8260

Sample ID	BH1	BH2	BH3	BH4	BH6	BH7	BH8	BH9	BH11	BH11DL	BH12	BH13	BH14	BH15	BH15DL	BH16	Part 375 (Unrestricted Use) Soil Cleanup Objectives	Part 375 (Commercial) Soil Cleanup Objectives
Date Sampled	6/7/07	6/7/07	6/7/07	6/7/07	6/7/07	6/7/07	6/7/07	6/7/07	8/24/07	8/24/07	8/24/07	8/24/07	8/24/07	8/24/07	8/24/07	8/24/07		
Sample Depth	10-12 ft. bgs	6-8 ft. bgs	10-12 ft. bgs	8-10 ft. bgs	10-12 ft. bgs	14-15 ft. bgs	8-10 ft. bgs	8-10 ft. bgs	6-8 ft.bgs	6-8 ft.bgs	12-14.5 ft. bgs	8-10 ft. bgs	14-15.5 ft. bgs	12-13.75 ft. bgs	12-13.75 ft. bgs	14-16 ft. bgs		
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	Ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Methylene chloride	<2	<473	<2	<2	<2	<2	<2	<2	11	<6	11	10	13	10	<140	9	50	500,000
Cis-1,2- Dichloroethene	<2	<473	<2	<2	<2	<2	<2	<2	2 J	<6	<5	<6	<6	<6	<140	<5	250	500,000
Tetrachloroethene	53	NA	NA	NA	73	653	53	17	<6	<6	<5	<6	<6	700E	740	<5	1,300	150,000
Ethylbenzene	<2	<2	<2	<2	<2	<2	<2	<2	64	310	<5	<6	<6	<6	<140	<5	1,000	390,000
Total Xylenes	<4	<4	<4	<4	<4	<4	<4	<4	59	220	<18	<18	<16	<17	<430	<15	260	500,000
N-Propylbenzene	<2	<2	<2	<2	<2	<2	<2	<2	99	1,100	<5	<6	<6	<6	<140	<5	3,900	500,000
Sec- Butylbenzene	<2	839	<10	<10	NA	NA	NA	NA	49	1,000	<5	<6	<6	<6	<140	<5	11,000	500,000
1,2,4- Trimethylbenzene	4	1,690	15	<10	NA	NA	NA	NA	1,000 E	**9,500**	<5	<6	<6	<6	<140	<5	3,600	190,000
1,3,5- Trimethylbenzene	<2	1,370	<10	<10	NA	NA	NA	NA	270 E	2,800	<5	<6	<6	<6	<140	<5	8,400	190,000
Isopropylbenzene	<2	651	<10	<10	NA	NA	NA	NA	52	460	<5	<6	<6	<6	<140	<5	NL	NL
Methylcyclohexane	NA	NA	NA	NA	NA	NA	NA	NA	9	200	<5	<6	<6	<6	<140	<5	NL	NL
n-butylbenzene	<2	1,130	<10	<10	NA	NA	NA	NA	50	2,200	<5	<6	<6	<6	<140	<5	12,000	NL
Naphthalene	<2	<2	<2	<2	<2	<2	<2	<2	86B	480	3	<6	<6	<6	<140	<5	12,000	500,000
Benzene	7	<2	15	18	9	8	3	8	<6	150	<5	<6	<6	<6	<140	<5	60	44,000
Toluene	8	<2	24	15	7	13	3	13	<6	<6	<5	<6	<6	<6	<140	<5	700	500,000
M,p-Xylene	7	<946	26	<20	6	13	<4	13	NA	NA	N/A	<6	<6	<6	<140	<5	NL	500,000
o-Xylene	<2	<473	<10	<10	<2	4	<2	3	NA	NA	N/A	<6	<6	<6	<140	<5	NL	500,000
p-isopropyltoluene	<2	839	<10	<10	NA	NA	NA	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NL	NL
p-cymene	NA	NA	NA	NA	NA	NA	NA	NA	56	1,100	<5	<6	<6	<6	<140	<5	NL	NL
TICS	0	86,400	763	303	0	0	0	0	2,290	113,900	NA	NA	NA	NA	NA	NA	NL	NL

SVOCs by USEPA SW-846 Method 8270

Sample ID	BH1	BH2	BH3	BH4	BH6	BH7	BH8	BH9	BH11	BH12	BH13	BH14	BH15	BH16	Part 375 (Unrestricted Use) Soil Cleanup Objectives	Part 375 (Commercial) Soil Cleanup Objectives
Date Sampled	6/7/07	6/7/07	6/7/07	6/7/07	6/7/07	6/7/07	6/7/07	6/7/07	8/24/07	8/24/07	8/24/07	8/24/07	8/24/07	8/24/07		
Sample Depth	10-12 ft. bgs	6-8 ft. bgs	10-12 ft. bgs	8-10 ft. bgs	10-12 ft. bgs	14-15 ft. bgs	8-10 ft. bgs	8-10 ft. bgs	6- 8 ft. bgs	12-14.5 ft. bgs	8-10 ft. bgs	14-15.5 ft. bgs	12-13.75 ft. bgs	14-16 ft. bgs		
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	Ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Naphthalene	<67	<67	<67	<67	<67	<67	<67	<67	130J	<180	<210	<190	<190	<180	12,000	500,000
2- Methylnaphthalene	<67	<67	<67	<67	<67	<67	<67	<67	98 J	<180	<210	<190	<190	<180	NL	NL
Fluorene	<67	<67	<67	<67	<67	<67	<67	<67	13 J	<180	<210	<190	<190	<180	30,000	500,000
Phenanthrene	<67	<67	<67	312	<67	<67	<67	<67	33 J	<180	<210	<190	<190	<180	100,000	500,000
Bis (2-ethylhexyl) phthalate	<67	<67	<67	<67	<67	<67	<67	<67	<240	<180	80J	<190	<190	<180	NL	NL
Di-n-octyl phthalate	<67	<67	<67	<67	<67	<67	<67	<67	<240	<180	9J	<190	<190	<180	NL	NL
Caprolactum	<67	<67	<67	<67	<67	<67	<67	<67	380	<180	<210	<190	<190	<180	NL	NL
Fluoranthene	<67	<67	<67	519	<67	<67	<67	<67	<240	<180	<210	<190	<190	<180	100,000	500,000
Pyrene	<67	<67	<67	706	<130	<130	<130	<130	<240	<180	<210	<190	<190	<180	100,000	500,000
Benzo(a)anthracene	<67	<67	<67	271	<67	<67	<67	<67	<240	<180	<210	<190	<190	<180	1,000	5,600
Chrysene	<67	<67	<67	286	<67	<67	<67	<67	<240	<180	<210	<190	<190	<180	1,000	56,000
Benzo(b)fluoranthene	<67	<67	<67	514	<67	<67	<67	<67	<240	<180	<210	<190	<190	<180	1,000	5,600
Benzo(k)fluoranthene	<67	<67	<67	268	<67	<67	<67	<67	<240	<180	<210	<190	<190	<180	800	56,000
Benzo(a)pyrene	<67	<67	<67	327	<67	<67	<67	<67	<240	<180	<210	<190	<190	<180	1,000	1,000
Indeno(1,2,3-cd)pyrene	<67	<67	<67	102	<67	<67	<67	<67	<240	<180	<210	<190	<190	<180	500	5,600
TICs	284	4,230	0	671	NA	NA	NA	NA	52,700	1,610	260	190	220	270	NL	NL

METALS by USEPA SW-846 METHODS 6010/7471A

Sample ID	BH1	BH2	BH3	BH4	BH6	BH7	BH8	BH9	BH11	BH12	BH13	BH14	BH15	BH16	Part 375 (Unrestricted Use) Soil Cleanup Objectives	Part 375 (Commercial) Recommended Soil Cleanup Objectives
Date Sampled	**6/7/07**	**6/7/07**	**6/7/07**	**6/7/07**	**6/7/07**	**6/7/07**	**6/7/07**	**6/7/07**	**8/24/07**	**8/24/07**	**8/24/07**	**8/24/07**	**8/24/07**	**8/24/07**		
Sample Depth	**2-4 ft. bgs**	**0-2 ft. bgs**	**0-2 ft. bgs**	**2-4 ft. bgs**	**0-2 ft. bgs**	**0-4 ft. bgs**	**2-4 ft. bgs**	**4-6 ft. bgs**	**6-8 ft. bgs**	**12-14.5 ft. bgs**	**8-10 ft. bgs**	**14-15.5 ft. bgs**	**12-13.75 ft. bgs**	**14-16 ft. bgs**		
Units	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Arsenic- Total	<8.5	<8.5	<8.5	<8.5	**13.5**	<8.5	<8.5	<8.5	4.0	2.8	2.6	3.8	<2.2	<2.2	13	16
Barium- Total	123	108	107	215	172	122	171	44.7	189	21.8	44.8	91.1	67.4	35.3	350	400
Cadmium- Total	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.028	0.8	<0.24	<0.24	<0.22	1.0	2.5	9.3
Chromium- Total	17.8	20.0	22.2	14.8	21.9	18.3	29.0	8.49	27.6	7.8	10.8	10.8	8.0	7.3	30	NL
Mercury- Total	<0.011	0.127	0.099	<0.011	5.09	**0.557**	0.040	0.011	<0.027	<0.023	<0.025	<0.023	<0.023	<0.022	0.18	2.8
Lead- Total	<20.5	**77.9**	<20.5	<20.5	**520**	**207**	23.7	<20.5	8.8	45.1	3.6	6.1	7.3	**78.0**	63	1,000

PCBs by USEPA SW-846 METHOD 8082

No analytes were detected at or above the laboratory's method detection limits.

CYANIDE by USEPA SW-846 METHOD 335.4

No analytes were detected at or above the laboratory's method detection limits.

GROUNDWATER TEST RESULTS

VOCs by USEPA SW-846 METHOD 8260

Sample ID	BR1	BR1 DL	TPMW1	TPMW2	TPMW3	TPMW4	TPMW5	TPMW5 DL	TPMW6	TPMW8	TPMW9	TPMW9 DL	NYSDEC Groundwater Criteria (Class GA)
Date Sampled	**8/29/07**	**8/29/07**	**6/7/07**	**6/7/07**	**6/7/07**	**6/7/07**	**8/27/07**	**8/27/07**	**8/27/07**	**8/27/07**	**8/27/07**	**8/27/07**	
Units	**ug/l**	**ug/l**	**ug/l**	**ug/l**	**ug/l**	**ug/l**	**ug/l**	**ug/l**	**ug/l**	**ug/l**	**ug/l**	**ug/l**	**ug/l**
Vinyl chloride	<10	<80	<2	<1	<1	<1	87J	<2,000	<50	<50	<50	<2,000	2
Acetone	<10	<80	<10	11	<10	<10	<1200	770DJ	<50	<50	<50	<2,000	50
Methylene chloride	<10	6DJ	2	<2	<2	<2	<1200	1,000DJ	<50	<50	<50	<2,000	5
Trans-1,2- Dichloroethene	<10	<80	2	<1	<1	<1	280J	260DJ	<50	<50	<50	<2,000	5
Cis-1,2- Dichloroethene	7J	6DJ	20	16	<1	2	230J	220DJ	<50	<50	<50	<2,000	5
Trichloroethene	15	15DJ	61	31	5	12	310J	310DJ	<50	<50	13J	<2,000	5
Tetrachloroethene	460E	550D	17,700	423	460	299	16,000E	16,000D	4J	4J	6,700E	11,000E	5
1,2,4 Trimethylbenzene	<1	<1	NA	NA	NA	NA	160	160 DJ	<5	<5	<5	<200	5
1,1-Dichloroethene	<10	<80	2	<1	<1	<1	<1200	<2,000	<50	<50	<50	<2,000	5
Chloroform	<10	<80	3	<1	<1	<1	<1200	<2,000	<50	<50	<50	<2,000	7
1,1,1-Trichloroethane	<10	<80	9	<1	<1	<1	<1200	<2,000	<50	<50	<50	<2,000	5
Benzene	<10	<80	<1	2	1	<1	<1200	<2,000	<50	<50	<50	<2,000	1
Toluene	<10	<80	<1	2	2	1	<1200	<2,000	<50	<50	<50	<2,000	5
Ethylbenzene	<10	<80	<1	10	<1	<1	<1200	<2,000	<50	<50	<50	<2,000	5
M,p,-Xylene	NA	NA	<2	9	2	<2	NA	NA	NA	NA	NA	NA	5
Total Xylenes	<10	<80	<3	<10	<3	<3	<1,200	<2,000	<50	<50	<50	<2,000	5
TICS	0	0	0	0	0	0	0	2,400	0	0	0	0	NL

SVOCs by USEPA SW-846 Method 8270

Sample ID	TPMW1	TPMW2	TPMW3	TPMW4	TPMW5	NYSDEC Groundwater Criteria (Class GA)
Date Sampled	6/8/07	6/8/07	6/8/07	6/8/07	8/27/07	
Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Naphthalene	<2	<2	<2	<2	8	10
2- Methylnaphthalene	<2	<2	<2	<2	1J	NL
Acenaphthene	<2	<2	<2	<2	0.6J	20
Dibenzofuran	<2	<2	<2	<2	0.4J	NL
Fluorene	<2	<2	<2	<2	0.9J	50
Diethyl phthalate	<2	<2	<2	<2	1J	50
Di-n-butyl phthalate	<2	<2	<2	<2	0.4J	50
Fluoranthene	<2	<2	<2	<2	0.3J	50
Pyrene	<2	<2	<2	<2	0.4J	50
Benzo(a)anthracene	<2	<2	<2	<2	0.3J	NL
Phenanthrene	5	<2	<2	<3	<5	50
Bis(2-ethylhexyl)phthalate	3	<2	<2	<3	<5	5
TICs	NA	NA	NA	NA	1,873	NL

METALS by USEPA SW-846 METHODS 6010/7471A

Sample ID	TPMW1	TPMW2	TPMW3	TPMW4	NYSDEC Groundwater Criteria (Class GA)
Date Sampled	6/8/07	6/8/07	6/8/07	6/8/07	
Units	mg/l	mg/l	mg/l	mg/l	mg/l
Mercury- Total	0.0011	<0.0002	0.0002	<0.0002	0.0007
Arsenic- Total	0.138	0.053	0.059	<0.045	0.025
Barium- Total	2.41	0.641	0.672	0.770	1.0
Cadmium- Total	0.010	0.037	<0.005	<0.005	0.005
Chromium- Total	0.493	0.042	0.094	0.088	0.05
Lead- Total	0.375	0.148	0.128	0.193	0.025

ug/kg = micrograms per kilogram
ug/l = micrograms per liter
mg/kg = micrograms per kilogram
mg/l= micrograms per liter
NA= Not Analyzed
NL = Not Listed
D or DL= Compounds identified at a secondary dilution
J= Indicates an estimated value
E= Identifies compounds whose concentrations exceed the calibration range of the instrument for that particular analysis.
= Analyte detected above Part 375 (Commercial) Soil Cleanup Objectives or 6 NYCRR Part 703 Groundwater (GA) Criteria
BOLD = Analyte detected above Part 375 (Unrestricted Use) Soil Cleanup Objectives
BOLD = Analyte detected above Part 375 (Unrestricted Use) Soil Cleanup Objectives, but is apparently due to the naturally elevated presence of the analyte.

PCBs by USEPA SW-846 METHOD 8082

No analytes were detected at or above the laboratory's method detection limits.

Conclusions

This study was completed in general accordance with ASTM E1903-02. The purpose of the initial study was to determine if USTs remained along the north side of 915 Cleveland Avenue and to determine if contamination was present in accessible areas of the historic dry-cleaning operations located at the 915 Cleveland Avenue and 1925 Main Street properties. The purpose of the supplemental study was to better delineate the extent of the chlorinated solvent contamination within the groundwater above the bedrock, to determine if groundwater within the bedrock had been impacted by chlorinated solvents, to attempt to locate the source area of the solvent contamination and to complete additional soil and/or groundwater analysis (with reduced QA/QC deliverables), as is commonly requested by the NYSDEC for sites within the BCP.

The presence or absence of USTs could not be confirmed through completion of the Magnetometer study. However, based on the observation of two suspected fill ports, two USTs are believed to be present.

Based on field observations during the intrusive investigations, petroleum-type odors were detected within BH2 (~7.5-9 ft. bgs) and BH11 (~1-4 ft. bgs). Solvent-type odors were noted within BH11 (~4-7 ft. bgs and ~8-14 ft. bgs).

When comparing the soil results to Part 375 Restricted (Commercial) Soil Cleanup Objectives, only one analyte (mercury) was detected at an elevated concentration within one soil sample [BH6 (0-2 ft. bgs)]. No VOCs, SVOCs, PCBs, cyanide or other metals were detected at elevated concentrations.

When comparing the soil results to Part 375 Unrestricted Soil Cleanup Objectives, two metals (mercury and lead) were detected at elevated concentrations within two soil samples [BH6 (0-2 ft. bgs, BH7 (0-4 ft. bgs)]. In addition, one VOC (1,2,4-trimethylbenzene) was detected at an elevated concentration within one soil sample [BH11 (6-8 ft. bgs)]. No, SVOCs, PCBs, cyanide or other metals were detected at elevated concentrations.

Chlorinated solvent contaminated groundwater has been identified within overburden groundwater within monitoring wells TPMW1 through TPMW5, and TPMW9. The full extent of the solvent contamination is unknown. Minor petroleum-contaminated groundwater has been identified within TPMW2 and is expected to be limited. Each of the groundwater samples collected and analyzed for metals produced concentrations above NYSDEC groundwater standards. Such is likely attributable to the elevated turbidity within each sample when collected rather than representative of actual site conditions. No SVOCs were detected within the groundwater samples at concentrations above Groundwater criteria.

The source of the solvent contamination has not been confirmed, but is suspected to be beneath one or both of the historic dry-cleaning structures. Such will likely be confirmed following the planned demolition of the structures.

Thank you for allowing LCS to service your environmental needs. If you have any questions or require additional information, please do not hesitate to contact us. We will make ourselves available at your convenience.

Sincerely,

FOR:

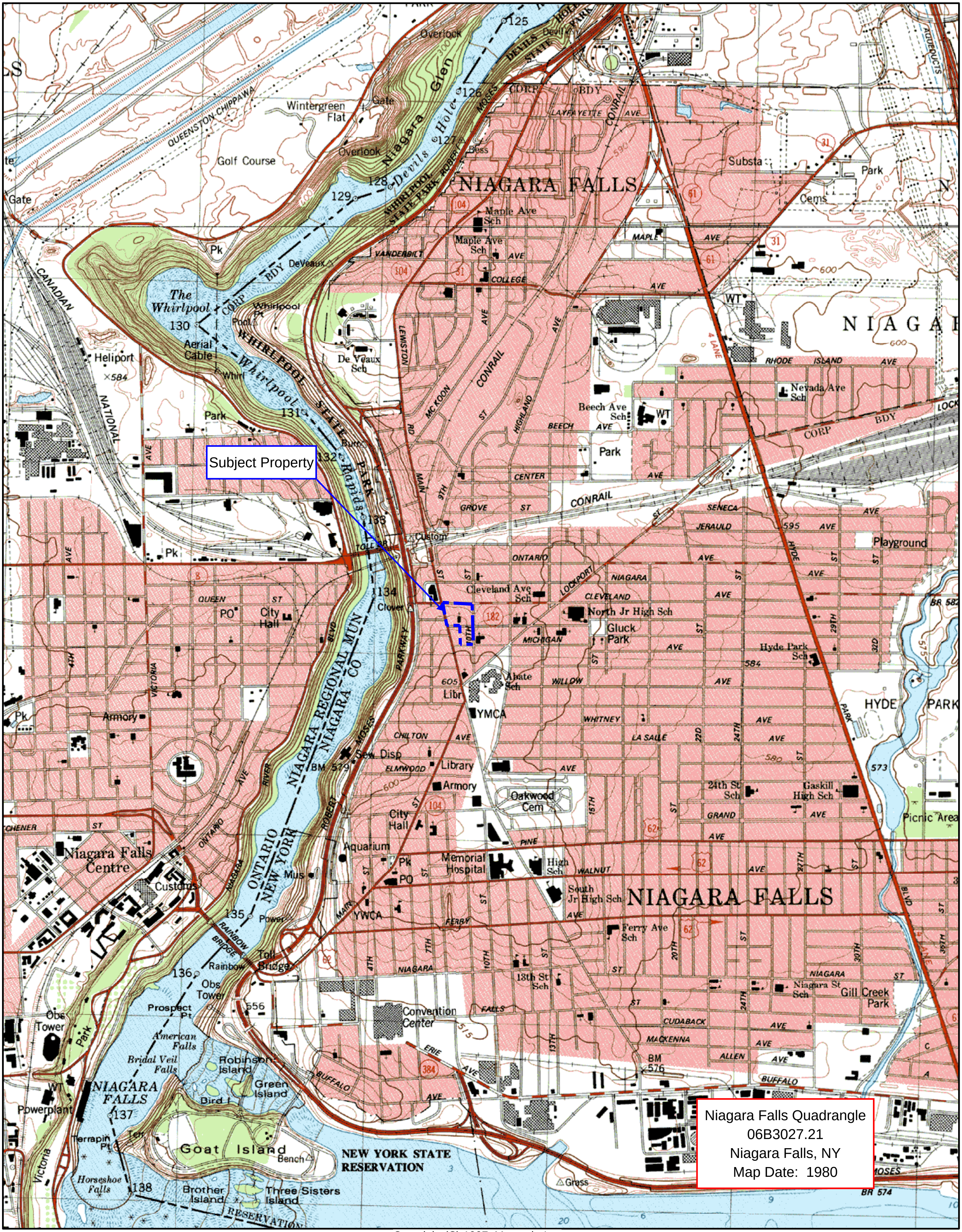
Shawn Mittlefehldt
Environmental Technician

Reviewed by:

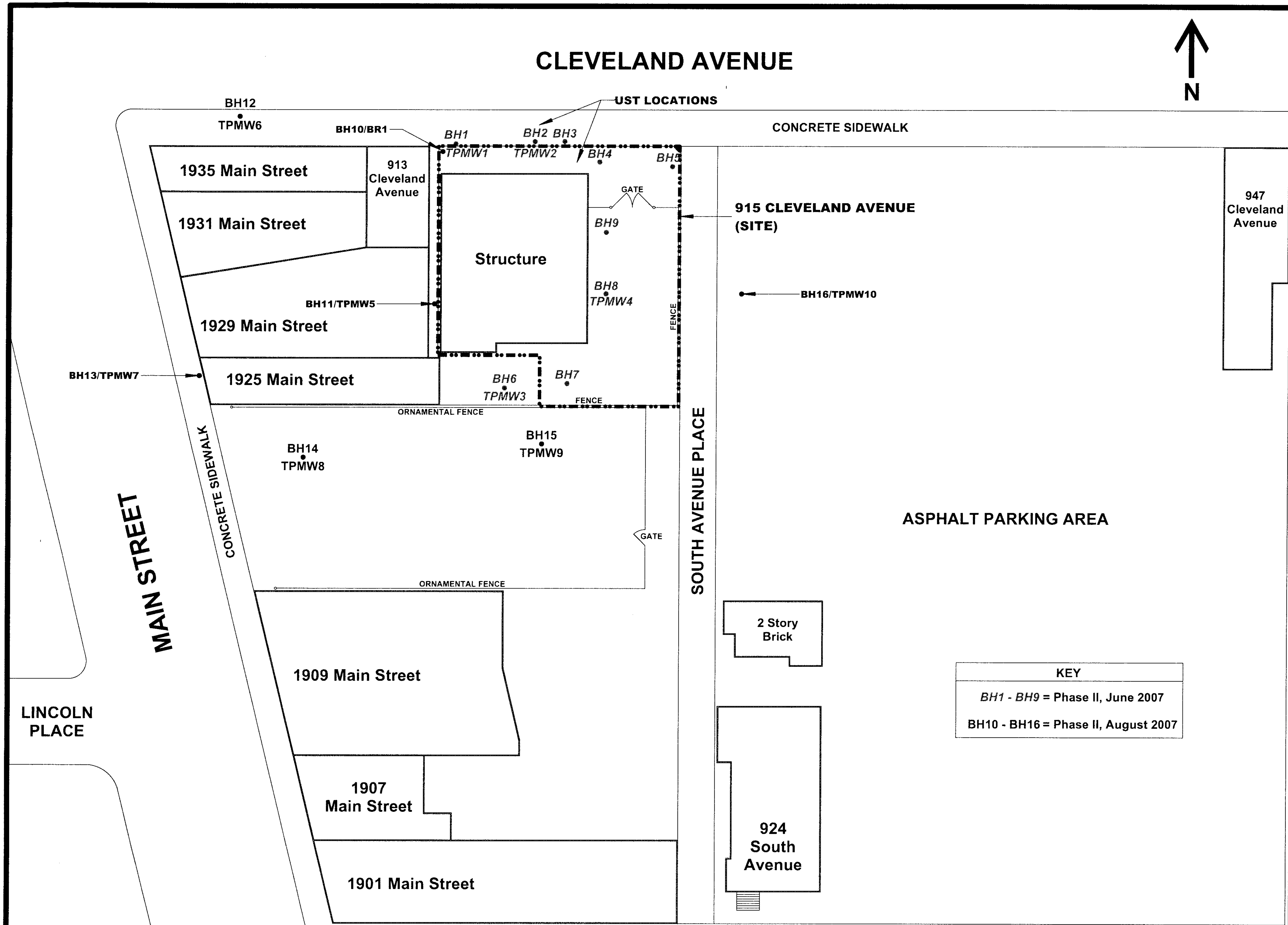
Douglas B. Reid
SVP, Environmental Services
Environmental Scientist

Attachments

SITE LOCATION MAP


Subject Property
Niagara Falls Quadrangle
06B3027.21
Niagara Falls, NY
Map Date: 1980
NIAGARA FALLS
NIAGARA FALLS
The Whirlpool
Whirlpool Rapids
Devils Hole
Niagara Glen
Goat Island
NEW YORK STATE RESERVATION
Horseshoe Falls
American Falls
Bridal Veil Falls
Niagara Falls Centre
Convention Center
Hyde Park
Oakwood Cem
Golf Course

SUBSURFACE INVESTIGATION MAP



This drawing was generated from a Topographic Survey, dated 6/16/2006; as such, LCS assumes no responsibility as to it's accuracy.

Drawn by: DPS

Checked by: DBR

LCS Project # 06B3027.26

FIGURE 2- SITE INVESTIGATION AND SURROUNDING AREA PLAN

915 CLEVELAND AVENUE
NIAGARA FALLS, NEW YORK

LCS INC.

SUBSURFACE LOGS

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 915 Cleveland Avenue, Niagara Falls, New York PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc. BORING/WELL No. BH1/TPMW1

DATE STARTED: 6/7/07 DATE COMPLETED: 6/7/07 RECORDED BY: DPS

GROUNDWATER DEPTH WHILE DRILLING: ~11.5 ft. bgs AFTER COMPLETION: 9.41 ft. btoc

WEATHER: ~65^{o}F, Cloudy DRILL RIG: Geoprobe DRILLER: BMS Drilling Services, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.5	0-2	U	-	-	18	0-0.5ft: Brown sandy gravel (coarse, sub-angular, loose, moist)
2	0.4	2-4	U	-	-	18	0.5-5ft: Brown silty clay (low plasticity, stiff, moist)
3	0.8	4-8	U	-	-	14	5-8ft: Reddish brown clay (moderate plasticity, medium stiff, moist)
4	1.3	8-10	U	-	-	24	8-16ft: Reddish brown silty clay (high plasticity, soft, moist to wet)
5	1.8	10-12	U	-	-	24	
6	0.7	12-14	U	-	-	24	
7	3.0	14-16	U	-	-	24	

NOTES NA = Not Applicable
ft. bgs = feet below ground surface
ft. btoc = feet below top of casing

Fill to ~0.5 ft. bgs
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION:	915 Cleveland Avenue, Niagara Falls, New York			PROJECT No.	06B3027.22
CLIENT:	Ciminelli Development Company, Inc.			BORING/WELL No.	BH2/TPMW2
DATE STARTED:	6/7/07	DATE COMPLETED:	6/7/07	RECORDED BY:	DPS
GROUNDWATER DEPTH WHILE DRILLING:	~10 ft. bgs			AFTER COMPLETION:	8.90 ft. btoc
WEATHER:	~65^{o}F, Cloudy	DRILL RIG:	Geoprobe	DRILLER:	BMS Drilling Services, Inc.
DRILL SIZE/TYPE:	Macro-core	SAMPLE HAMMER: WEIGHT	NA	FALL	NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	0.4	0-2	U	-	-	16	0-0.5ft: Brown silt (no plasticity, moist)
2	1.2	2-4	U	-	-	16	0.5-9.5ft: Brown silty clay (moderate plasticity, soft, moist)
3	5.2	4-6	U	-	-	16	9.5-15.5ft: Reddish brown silty sandy clay (low plasticity, soft, moist to wet)
4	71.6	6-8	U	-	-	16	Equipment Refusal @ 15.5 ft. bgs
5	33.1	8-10	U	-	-	24	
6	13.2	10-12	U	-	-	24	
7	10.1	12-14	U	-	-	22	
8	37.2	14-15.5	U	-	-	22	

NOTES
NA = Not Applicable
ft. bgs = feet below ground surface
ft. btoc = feet below top of casing

Fill to ~0.5 ft. bgs
Slight petroleum-type odors detected @ ~7.5-9 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION:	915 Cleveland Avenue, Niagara Falls, New York	PROJECT No.	06B3027.22
CLIENT:	Ciminelli Development Company, Inc.	BORING/WELL No.	BH3

DATE STARTED: 6/7/07 DATE COMPLETED: 6/7/07 RECORDED BY: DPS

GROUNDWATER DEPTH WHILE DRILLING: ~10.5 ft. bgs AFTER COMPLETION: NA

WEATHER: ~65^{o}F, Cloudy DRILL RIG: Geoprobe DRILLER: BMS Drilling Services, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6”	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	2.0	0-2	U	-	-	14	0-0.5ft: Gray gravel (coarse, sub-angular, loose, dry)
2	1.7	2-4	U	-	-	14	0.5-9ft: Brown silty clay (moderate plasticity, soft, moist)
3	1.6	4-6	U	-	-	16	9-13.5ft: Reddish brown silty sandy clay (low plasticity, soft, moist to wet)
4	2.4	6-8	U	-	-	16	Equipment Refusal @ 13.5 ft. bgs
5	1.8	8-10	U	-	-	24	
6	1.4	10-12	U	-	-	24	
7	1.5	12-13.5	U	-	-	20	

NOTES NA = Not Applicable
ft. bgs = feet below ground surface

Fill to ~0.5 ft. bgs
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc.

SUBSURFACE LOG

PROJECT/ LOCATION: 915 Cleveland Avenue, Niagara Falls, New York PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc. BORING/WELL No. BH4

DATE STARTED: 6/7/07 DATE COMPLETED: 6/7/07 RECORDED BY: DPS

GROUNDWATER DEPTH WHILE DRILLING: ~10 ft. bgs AFTER COMPLETION: NA

WEATHER: ~65^{o}F, Cloudy DRILL RIG: Geoprobe DRILLER: BMS Drilling Services, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	2.0	0-2	U	-	-	10	0-0.4ft: Asphalt
2	2.1	2-4	U	-	-	10	0.4-1ft: Gray gravel (coarse, angular, loose, dry)
3	1.9	4-6	U	-	-	16	1-11.5ft: Brown silty clay (low plasticity, stiff, moist to wet)
4	1.5	6-8	U	-	-	16	Equipment Refusal @ 11.5 ft. bgs
5	1.5	8-10	U	-	-	24	
6	1.0	10-11.5	U	-	-	18	

NOTES NA = Not Applicable
ft. bgs = feet below ground surface

Fill to ~1 ft. bgs
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc.

SUBSURFACE LOG

PROJECT/ LOCATION: 915 Cleveland Avenue, Niagara Falls, New York PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc. BORING/WELL No. BH5

DATE STARTED: 6/7/07 DATE COMPLETED: 6/7/07 RECORDED BY: DPS

GROUNDWATER DEPTH WHILE DRILLING: NA AFTER COMPLETION: NA

WEATHER: ~65°F, Cloudy DRILL RIG: Geoprobe DRILLER: BMS Drilling Services, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.2	0-2	U	-	-	13	0-0.4ft: Asphalt
2	1.6	2-4	U	-	-	13	0.4-1ft: Gray gravel (coarse, angular, loose, moist)
3	1.0	4-6	U	-	-	17	1-10.5ft: Reddish brown silty clay (low plasticity, stiff, moist)
4	1.6	6-8	U	-	-	17	Equipment Refusal @ 10.5 ft. bgs
5	1.4	8-10.5	U	-	-	20	

NOTES NA = Not Applicable
ft. bgs = feet below ground surface

Fill to ~1 ft. bgs
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 915 Cleveland Avenue, Niagara Falls, New York PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc. BORING/WELL No. BH6/TPMW3

DATE STARTED: 6/7/07 DATE COMPLETED: 6/7/07 RECORDED BY: DPS

GROUNDWATER DEPTH WHILE DRILLING: ~10.5 ft. bgs AFTER COMPLETION: 11.83 ft. btoc

WEATHER: ~65^{o}F, Cloudy DRILL RIG: Geoprobe DRILLER: BMS Drilling Services, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	2.9	0-2	U	-	-	14	0-0.5ft: Brown silt (no plasticity, moist)
2	2.1	2-4	U	-	-	14	0.5-14.5ft: Reddish brown silty clay (low plasticity, stiff, moist to wet)
3	1.9	4-6	U	-	-	20	Equipment Refusal @ 14.5 ft. bgs
4	1.5	6-8	U	-	-	20	
5	1.3	8-10	U	-	-	24	
6	1.6	10-12	U	-	-	24	
7	1.0	12-14.5	U	-	-	30	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

ft. btoc = feet below top of casing

Fill to ~0.5 ft. bgs

No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 915 Cleveland Avenue, Niagara Falls, New York PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc. BORING/WELL No. BH7

DATE STARTED: 6/7/07 DATE COMPLETED: 6/7/07 RECORDED BY: DPS

GROUNDWATER DEPTH WHILE DRILLING: ~10.5 ft. bgs AFTER COMPLETION: NA

WEATHER: ~65^{o}F, Cloudy DRILL RIG: Geoprobe DRILLER: BMS Drilling Services, Inc.

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	2.4	0-4	U	-	-	12	0-0.8ft: Brown silt (no plasticity, moist)
2	1.9	4-6	U	-	-	16	0.8-14.5ft: Reddish brown silty clay (low plasticity, stiff, moist to wet)
3	1.4	6-8	U	-	-	16	Equipment Refusal @ 15 ft. bgs
4	1.2	8-10	U	-	-	24	
5	1.2	10-12	U	-	-	24	
6	2.7	12-14	U	-	-	24	
7	4.0	14-15	U	-	-	12	

NOTES NA = Not Applicable
ft. bgs = feet below ground surface

Fill to ~0.8 ft. bgs
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 915 Cleveland Avenue, Niagara Falls, New York PROJECT No. 06B3027.22
CLIENT: Ciminelli Development Company, Inc. BORING/WELL No. BH8/TPMW4
DATE STARTED: 6/7/07 DATE COMPLETED: 6/7/07 RECORDED BY: DPS
GROUNDWATER DEPTH WHILE DRILLING: ~9.5 ft. bgs AFTER COMPLETION: 10.86 ft. btoc
WEATHER: ~65°F, Cloudy DRILL RIG: Geoprobe DRILLER: BMS Drilling Services, Inc.
DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.8	0-2	U	-	-	20	0-0.4ft: Asphalt
2	2.0	2-4	U	-	-	20	0.4-8.5ft: Reddish brown silty clay (low plasticity, soft, moist)
3	1.7	4-6	U	-	-	20	8.5-14.5ft: Brown silty clay (moderate plasticity, stiff, moist to wet)
4	1.6	6-8	U	-	-	20	Equipment Refusal @ 14.5 ft. bgs
5	1.3	8-10	U	-	-	24	
6	1.8	10-12	U	-	-	24	
7	2.0	12-14.5	U	-	-	24	

NOTES
NA = Not Applicable
ft. bgs = feet below ground surface
ft. btoc = feet below top of casing

Fill to ~0.4 ft. bgs
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION:	915 Cleveland Avenue, Niagara Falls, New York			PROJECT No.	06B3027.22
CLIENT:	Ciminelli Development Company, Inc.			BORING/WELL No.	BH9
DATE STARTED:	6/7/07	DATE COMPLETED:	6/7/07	RECORDED BY:	DPS
GROUNDWATER DEPTH WHILE DRILLING:	~10 ft. bgs			AFTER COMPLETION:	NA
WEATHER:	~65^{o}F, Cloudy	DRILL RIG:	Geoprobe	DRILLER:	BMS Drilling Services, Inc.
DRILL SIZE/TYPE:	Macro-core	SAMPLE HAMMER: WEIGHT	NA	FALL	NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.4	0-2	U	-	-	16	0-0.4ft: Asphalt
2	1.8	2-4	U	-	-	16	0.4-12ft: Reddish brown silty clay (high plasticity, soft, moist to wet)
3	1.7	4-6	U	-	-	24	Equipment Refusal @ 12 ft. bgs
4	1.9	6-8	U	-	-	24	
5	1.7	8-10	U	-	-	24	
6	1.7	10-12	U	-	-	24	

NOTES NA = Not Applicable
ft. bgs = feet below ground surface

Fill to ~0.4 ft. bgs
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 915 Cleveland Avenue, Niagara Falls, NY — PROJECT No. 06B3027.22

CLIENT: Ciminelli Development — BORING/WELL No. BH10/BRMW1

DATE STARTED: 8/20/07 — DATE COMPLETED: 8/21/07 — RECORDED BY: SM

GROUNDWATER DEPTH WHILE DRILLING: ~17.5 ft. bgs — AFTER COMPLETION: 23.50 ft. btoc

WEATHER: 65°F, Cloudy — DRILL RIG: CME 75 — DRILLER: SJB Services, Inc.

DRILL SIZE/TYPE: 4 inch , hollow-stem auger — SAMPLE HAMMER: WEIGHT 140 lbs. FALL 30 inches

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	-	0.5-2	U	-	-	18	0-0.5ft: Concrete
2	0.0	2-4	U	-	-	18	0.5-1ft: Gray gravel (coarse, sub-angular, loose, moist)
3	0.0	4-6	U	-	-	24	1-5ft: Reddish brown gravelly sandy silty clay (low plasticity, soft, moist)
4	0.2	6-8	U	-	-	24	5-10ft: Reddish brown gravelly sandy clayey silt (low plasticity, moist to wet)
5	0.2	8-10	U	-	-	24	
6	40.4	10-12	U	-	-	24	10-17.5ft: Pink-brown sandy clayey silt (low plasticity, moist)
7	8.2	12-14	U	-	-	24	17.5-17.9ft: Gray silty gravel (coarse, angular, dense, wet)
8	3.1	14-16	U	-	-	12	**Bedrock Coring**
9	2.5	16-17.9	U	-	-	12	17.1-36.5ft.: Hard, gray Dolostone Rock, occasional stylolytic hydrocarbon partings, occasional fossil inclusions, fine-grained matrix
							- 19.7ft.: vuggy
							- 23.2-23.4ft.: thin bedded/fractured
							- 26-29ft.: thick bedded
							- 31-32ft.: thin bedded
							- 32.7-34.7ft.: fractured/thin bedded; occ. brown staining on surfaces
							- 35-36.5ft.: bedded to thick bedded

NOTES
NA = Not Applicable
ft. bgs = feet below ground surface
ft. btoc = feet below top of casing

Fill to ~5 ft. bgs
No suspect odors were detected

*SS - SPLIT-SPOON SAMPLE   U - UNDISTURBED TUBE   P - PISTON TUBE   C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 915 Cleveland Avenue, Niagara Falls, NY PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc. BORING/WELL No. BH11/TPMW5

DATE STARTED: 8/24/07 DATE COMPLETED: 8/24/07 RECORDED BY: SM

GROUNDWATER DEPTH WHILE DRILLING: ~5 ft. bgs AFTER COMPLETION: 10.13 ft. btoc

WEATHER: 80°F, Sunny DRILL RIG: Geoprobe DRILLER: EPS of Vermont

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	85.7	0.5-2	U	-	-	18	0-0.5ft: Concrete
2	113	2-4	U	-	-	18	0.5-1ft: Gray clayey silt (slight plasticity, moist)
3	228	4-6	U	-	-	24	1-6ft: Gray silty clay (slight plasticity, soft, moist to wet)
4	781	6-8	U	-	-	24	6-13.5ft: Brown clayey silt (slight plasticity, wet)
5	56.2	8-10	U	-	-	24	13.5-15ft: Gray gravelly silt (no plasticity, dry)
6	33.6	10-12	U	-	-	24	Equipment Refusal at 15 ft. bgs
7	31.7	12-14	U	-	-	24	
8	33.2	14-15	U	-	-	12	

NOTES
NA = Not Applicable
ft. bgs = feet below ground surface
ft. btoc = feet below top of casing

Fill to ~1 ft. bgs
Petroleum type odors detected ~1-4 ft. bgs
Suspect solvent type odors detected ~4-7 ft. bgs and 8-14 ft. bgs

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 915 Cleveland Avenue, Niagara Falls, NY PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc. BORING/WELL No. BH12/TPMW6

DATE STARTED: 8/24/07 DATE COMPLETED: 8/24/07 RECORDED BY: SM

GROUNDWATER DEPTH WHILE DRILLING: ~4.5 ft. bgs AFTER COMPLETION: 11.65 ft. btoc

WEATHER: 80°F, Sunny DRILL RIG: Geoprobe DRILLER: BMS Drilling Services

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	4.7	0.5-4	U	-	-	8	0-0.5ft: Concrete
2	4.6	4-8	U	-	-	10	0.5-4ft:Brownish gray gravelly silt (no plasticity, dry)
3	9.9	8-10	U	-	-	20	4-6.5ft: Brown gravelly silt (no plasticity, moist to wet)
4	7.1	10-12	U	-	-	20	6.5-9ft: Brown clayey silt (moderate plasticity, moist)
5	9.9	12-14.5	U	-	-	20	9-14.5ft: Brown silt (no plasticity, dry)
							Equipment Refusal at 14.5 ft. bgs

NOTES NA = Not Applicable
ft. bgs = feet below ground surface
ft. btoc = feet below top of casing

Fill to ~9 ft. bgs
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 915 Cleveland Avenue, Niagara Falls, NY PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc. BORING/WELL No. BH13/TPMW7

DATE STARTED: 8/24/07 DATE COMPLETED: 8/24/07 RECORDED BY: SM

GROUNDWATER DEPTH WHILE DRILLING: ~8.5 ft. bgs AFTER COMPLETION: 13.80 ft. btoc

WEATHER: 80°F, Sunny DRILL RIG: Geoprobe DRILLER: EPS of Vermont

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6”	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	2.5	0.5-4	U	-	-	10	0-0.5ft: Concrete
2	1.4	4-6	U	-	-	24	0.5-6ft: Brown silty clay (moderate plasticity, soft, moist)
3	2.0	6-8	U	-	-	24	6-14.3ft: Brown clayey silt (low plasticity, moist to wet)
4	2.3	8-10	U	-	-	20	Equipment Refusal at 14.3 ft. bgs
5	1.9	10-12	U	-	-	20	
6	2.2	12-14.3	U	-	-	26	

NOTES
NA = Not Applicable
ft. bgs = feet below ground surface
ft. btoc = feet below top of casing

Fill to ~6 ft. bgs
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 915 Cleveland Avenue, Niagara Falls, NY PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc. BORING/WELL No. BH14/TPMW8

DATE STARTED: 8/24/07 DATE COMPLETED: 8/24/07 RECORDED BY: SM

GROUNDWATER DEPTH WHILE DRILLING: ~9 ft. bgs AFTER COMPLETION: 11.87 ft. btoc

WEATHER: 80°F, Sunny DRILL RIG: Geoprobe DRILLER: EPS of Vermont

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type *	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	2.6	0-2	U	-	-	20	0-4ft: Brown gravelly silt (no plasticity, dry)
2	2.4	2-4	U	-	-	20	4-9ft: Brownish gray gravelly silt (no plasticity, dry)
3	1.2	4-8	U	-	-	14	9-15.5ft: Brown silt (no plasticity, wet)
4	1.9	8-12	U	-	-	16	Equipment Refusal at 15.5 ft. bgs
5	1.8	12-14	U	-	-	20	
6	2.3	14-15.5	U	-	-	20	

NOTES
NA = Not Applicable
ft. bgs = feet below ground surface
ft. btoc = feet below top of casing

Fill to ~9 ft. bgs
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION:	915 Cleveland Avenue, Niagara Falls, NY	PROJECT No.	06B3027.22
CLIENT:	Ciminelli Development Company, Inc.	BORING/WELL No.	BH15/TPMW9
DATE STARTED: 8/24/07	DATE COMPLETED: 8/24/07	RECORDED BY:	SM
GROUNDWATER DEPTH WHILE DRILLING:	~7.5 ft. bgs	AFTER COMPLETION:	14.01ft. btoc
WEATHER: 80°F, Sunny	DRILL RIG: Geoprobe	DRILLER:	BMS Drilling Services
DRILL SIZE/TYPE: Macro-core	SAMPLE HAMMER: WEIGHT NA	FALL	NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type*	Blows/6”	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	1.9	0-2	U	-	-	18	0-2ft: Brown gravelly silt (no plasticity, dry)
2	2.4	2-4	U	-	-	18	2-7.5ft: Gray/brown silt (no plasticity, dry)
3	7.7	4-6	U	-	-	24	7.5-13.75ft: Brown clayey silt (slight plasticity, wet)
4	4.9	6-8	U	-	-	24	Equipment Refusal at 13.7 ft. bgs
5	3.2	8-10	U	-	-	24	
6	6.7	10-12	U	-	-	24	
7	12.5	12-13.7	U	-	-	20	
				-	-		

NOTES
NA = Not Applicable
ft. bgs = feet below ground surface
ft. btoc = feet below top of casing

Fill to ~7.5 ft. bgs
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

LCS Inc.

SUBSURFACE LOG

PROJECT/ LOCATION: 915 Cleveland Avenue, Niagara Falls, NY PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc. BORING/WELL No. BH16/TPMW10

DATE STARTED: 8/24/07 DATE COMPLETED: 8/24/07 RECORDED BY: SM

GROUNDWATER DEPTH WHILE DRILLING: ~8.5 ft. bgs AFTER COMPLETION: 14.88 ft. btoc

WEATHER: 80°F, Sunny DRILL RIG: Geoprobe DRILLER: BMS Drilling Services

DRILL SIZE/TYPE: Macro-core SAMPLE HAMMER: WEIGHT NA FALL NA

Sample No.	PID/HNu Reading (ppm)	Depth (Feet)	Type*	Blows/6"	N	Recovery (Inches)	Material Classification and Description (Unified Soil Classification System-Visual Manual Method)
1	2.4	0.4-2	U	-	-	15	0-0.4ft: Asphalt
2	1.5	2-4	U	-	-	15	0.4-4.5ft: Brown clayey silt (no plasticity, dry)
3	1.0	4-6	U	-	-	16	4.5-9ft: Brown silt (slight plasticity, moist to wet)
4	1.2	6-8	U	-	-	16	9-14.5ft: Brown sandy silt (no plasticity, wet)
5	1.7	8-10	U	-	-	24	14.5-16ft: Gray clayey silt (low plasticity, moist)
6	1.7	10-12	U	-	-	24	
7	2.1	12-14	U	-	-	24	
8	2.1	14-16	U	-	-	24	

NOTES NA = Not Applicable
ft. bgs = feet below ground surface
ft. btoc = feet below top of casing

Fill to ~4.5 ft. bgs
No suspect odors detected

*SS - SPLIT-SPOON SAMPLE U - UNDISTURBED TUBE P - PISTON TUBE C - CORE

WELL CONSTRUCTION DETAILS

LCS Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: 915 Cleveland Ave., Niagara Falls, New York

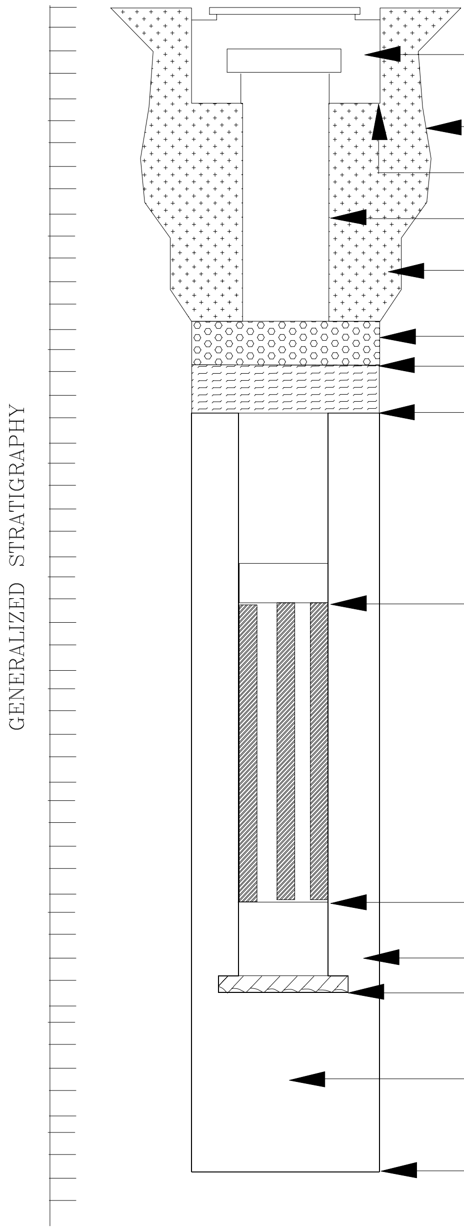
PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc.

WELL No. TPMW 1

DATE COMPLETED: 6/7/2007

SUPERVISED BY: DPS.



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1 inch diameter / Sch. 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 1.0 ft. bgs
TYPE OF SEAL: Hydrated Bentonite

TOP OF FILTER PACK Elevation/Depth: 2.5 ft. bgs
FILTER PACK MATERIAL: 00N Silica Sand

TOP OF SCREEN Elevation/Depth: 4.6 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch / Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.6 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 14.8 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 14.8 ft. bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: Native Soil

BOTTOM OF BOREHOLE
Elevation/Depth: 16.0 ft. bgs

NOTES ft. bgs = feet below ground surface

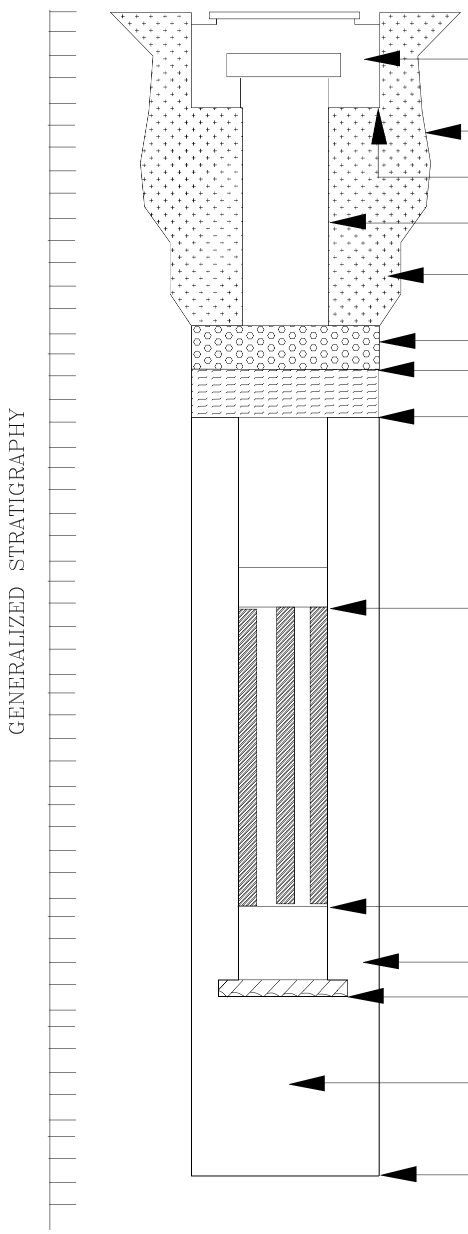
NA = Not Applicable

LCS Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: 915 Cleveland Ave., Niagara Falls, New York PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc. WELL No. TPMW 2

DATE COMPLETED: 6/7/2007 SUPERVISED BY: DPS.



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1 inch diameter / Sch. 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 1.0 ft. bgs
TYPE OF SEAL: Hydrated Bentonite

TOP OF FILTER PACK Elevation/Depth: 2.5 ft. bgs
FILTER PACK MATERIAL: 00N Silica Sand

TOP OF SCREEN Elevation/Depth: 5.3 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch / Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 15.3 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 15.5 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 15.5 ft. bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: NA

BOTTOM OF BOREHOLE
Elevation/Depth: 15.5 ft. bgs

NOTES ft. bgs = feet below ground surface

NA = Not Applicable

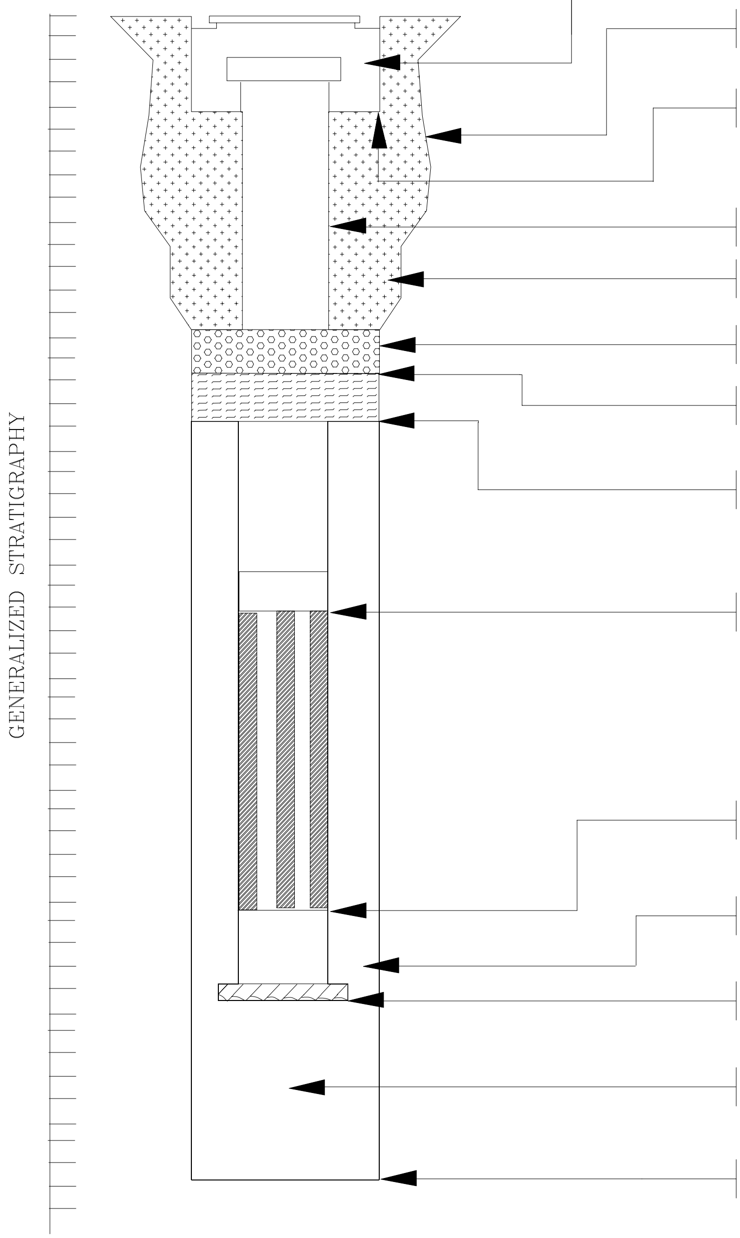
LCS Inc.

WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: 915 Cleveland Ave., Niagara Falls, New York   PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc.   WELL No. TPMW 3

DATE COMPLETED: 6/7/2007   SUPERVISED BY: DPS.



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1 inch diameter / Sch. 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 1.0 ft. bgs
TYPE OF SEAL: Hydrated Bentonite

TOP OF FILTER PACK Elevation/Depth: 2.5 ft. bgs
FILTER PACK MATERIAL: 00N Silica Sand

TOP OF SCREEN Elevation/Depth: 4.3 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch / Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.3 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 14.5 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 14.5 ft. bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: NA

BOTTOM OF BOREHOLE
Elevation/Depth: 14.5 ft. bgs

NOTES ft. bgs = feet below ground surface

NA = Not Applicable

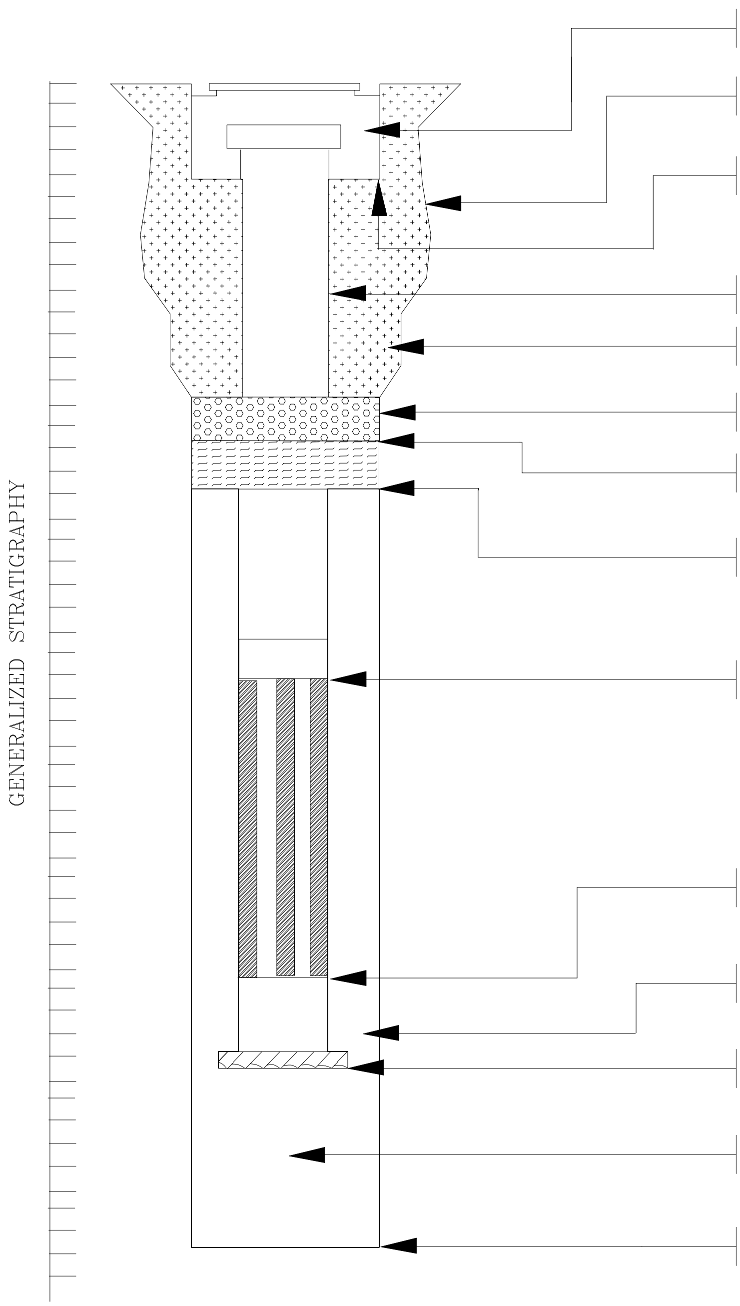
LCS Inc.

WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: 915 Cleveland Ave., Niagara Falls, New York   PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc.   WELL No. TPMW 4

DATE COMPLETED: 6/7/2007   SUPERVISED BY: DPS.



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1 inch diameter / Sch. 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 1.0 ft. bgs
TYPE OF SEAL: Hydrated Bentonite

TOP OF FILTER PACK Elevation/Depth: 2.5 ft. bgs
FILTER PACK MATERIAL: 00N Silica Sand

TOP OF SCREEN Elevation/Depth: 3.6 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch / Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 13.6 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 13.8 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 13.8 ft. bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: Native Soil

BOTTOM OF BOREHOLE
Elevation/Depth: 14.5 ft. bgs

NOTES   ft. bgs = feet below ground surface

NA = Not Applicable

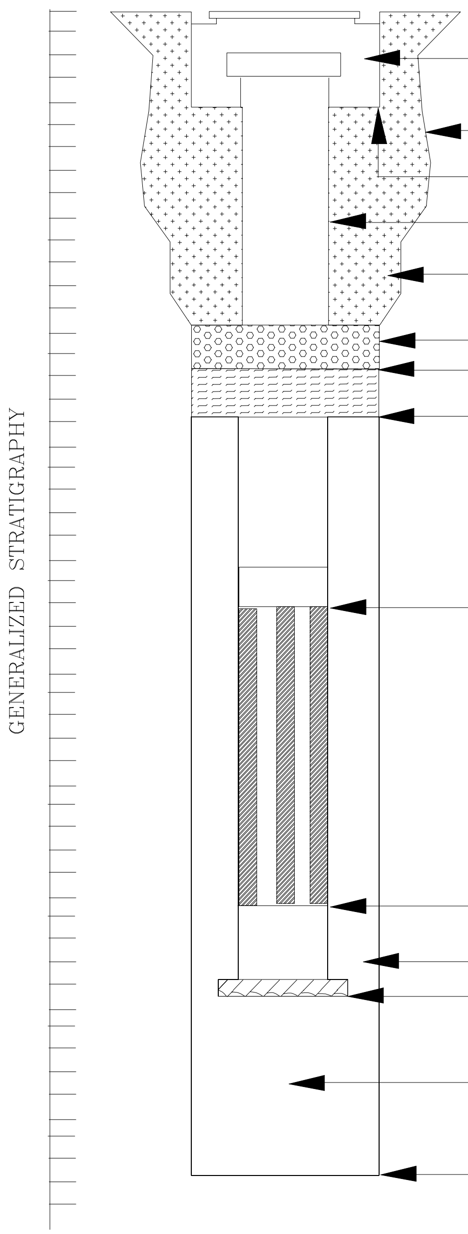
LCS, Inc.

WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: 915 Cleveland Avenue, Niagara Falls, NY   PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc.   WELL No. TPMW5

DATE COMPLETED: 8/24/07   SUPERVISED BY: SM



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft.bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 1.0 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 4.8 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.8 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 15.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 15.0 ft.bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: NA

BOTTOM OF BOREHOLE
Elevation/Depth: 15.0 ft. bgs

NOTES ft. bgs = feet below ground surface

NA = Not Applicable

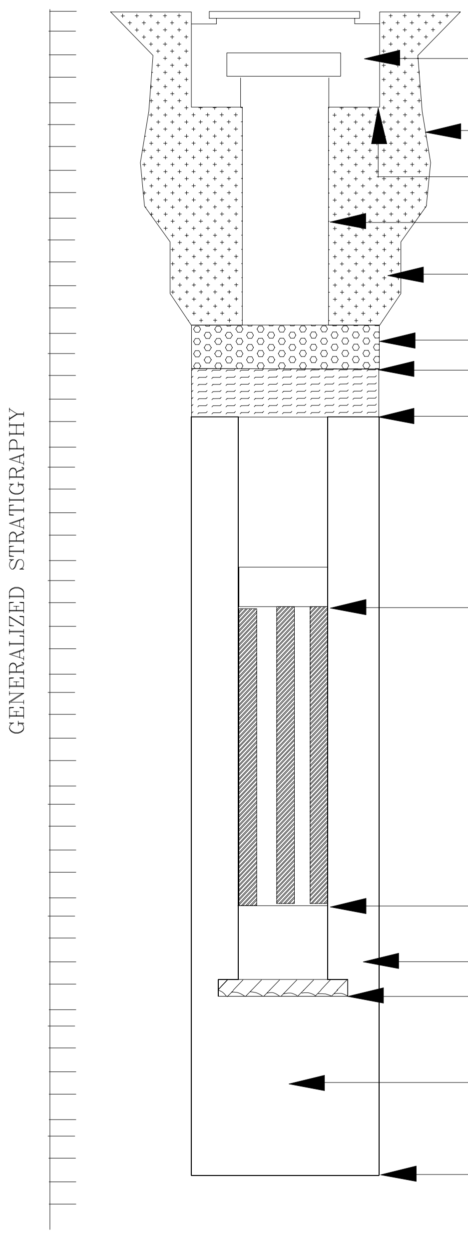
LCS, Inc.

WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: 915 Cleveland Avenue, Niagara Falls, NY   PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc.   WELL No. TPMW6

DATE COMPLETED: 8/24/07   SUPERVISED BY: SM



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft.bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 1.0 ft. bgs
FILTER PACK MATERIAL: #00N slica sand

TOP OF SCREEN Elevation/Depth: 4.3 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.3 ft.bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 14.5 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 14.5 ft.bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: NA

BOTTOM OF BOREHOLE
Elevation/Depth: 14.5 ft. bgs

NOTES ft. bgs = feet below ground surface

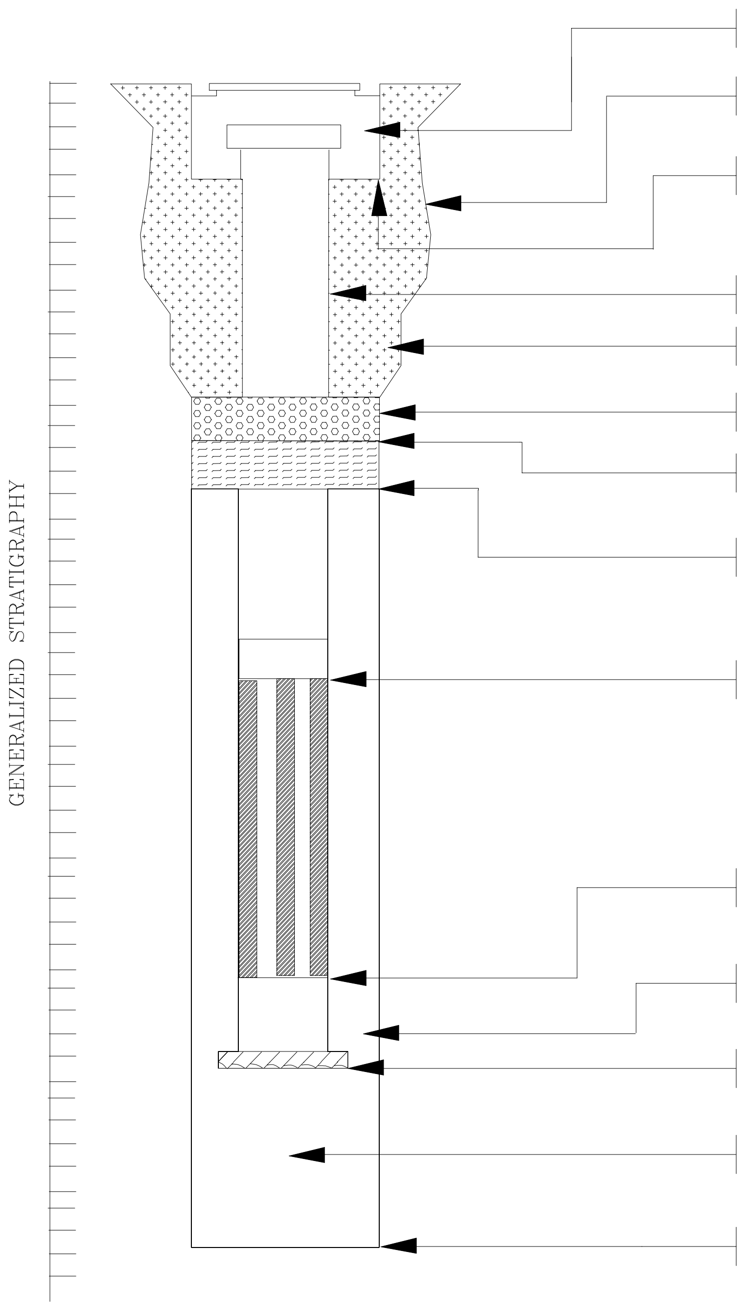
NA = Not Applicable

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: 915 Cleveland Avenue, Niagara Falls, NY PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc. WELL No. TPMW7

DATE COMPLETED: 8/24/07 SUPERVISED BY: SM



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft.bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 1.0 ft. bgs
FILTER PACK MATERIAL: #00N slica sand

TOP OF SCREEN Elevation/Depth: 4.1 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.1 ft.bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 14.3 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 14.3 ft.bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: NA

BOTTOM OF BOREHOLE
Elevation/Depth: 14.3 ft. bgs

NOTES ft. bgs = feet below ground surface

NA = Not Applicable

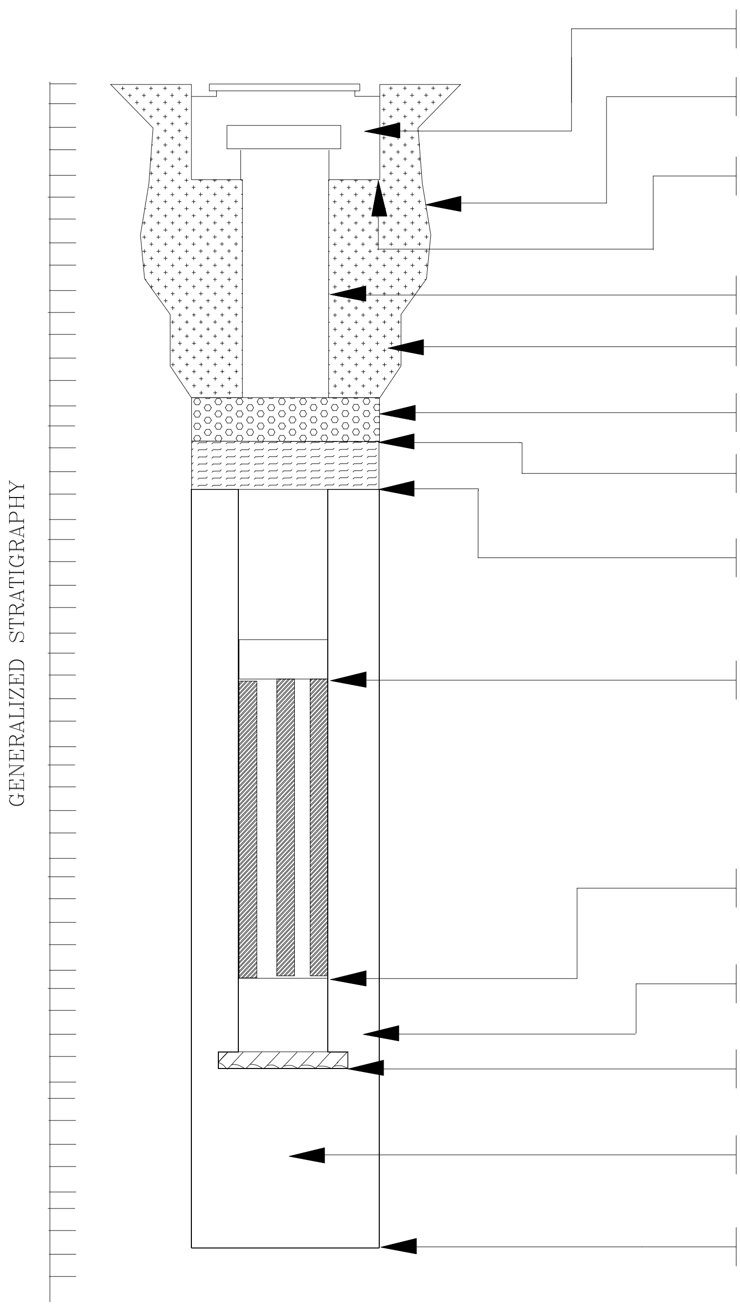
LCS, Inc.

WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: 915 Cleveland Avenue, Niagara Falls, NY   PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc.   WELL No. TPMW8

DATE COMPLETED: 8/24/07   SUPERVISED BY: SM



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft.bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 1.0 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 5.3 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 15.3 ft.bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 15.5 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 15.5 ft.bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: NA

BOTTOM OF BOREHOLE
Elevation/Depth: 15.5 ft. bgs

NOTES ft. bgs = feet below ground surface

NA = Not Applicable

LCS, Inc.

WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: 915 Cleveland Avenue, Niagara Falls, NY

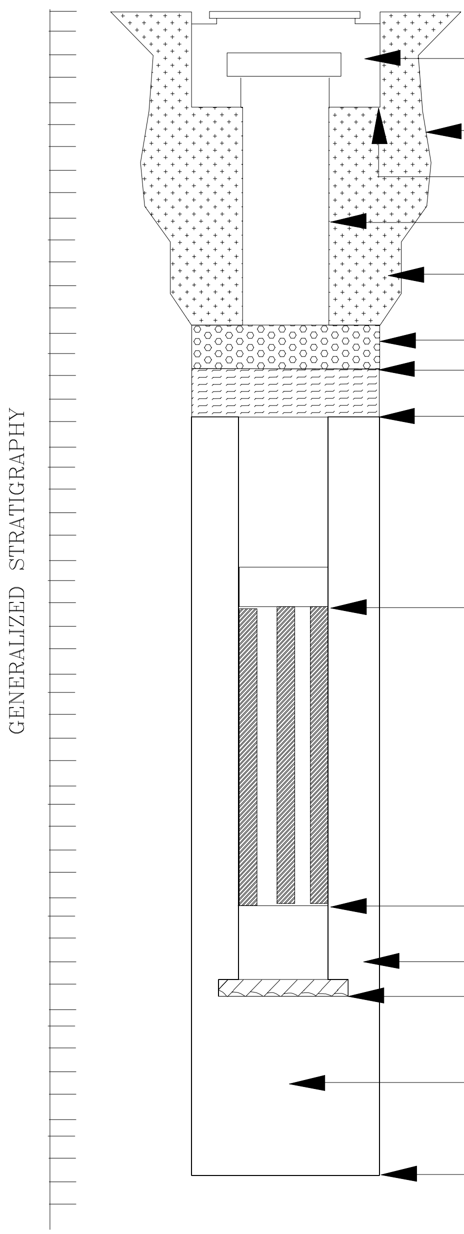
PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc.

WELL No. TPMW9

DATE COMPLETED: 8/24/07

SUPERVISED BY: SM



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft.bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 1.0 ft. bgs
FILTER PACK MATERIAL: #00N slica sand

TOP OF SCREEN Elevation/Depth: 3.5 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 13.5 ft.bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 13.7 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 13.7 ft.bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: NA

BOTTOM OF BOREHOLE
Elevation/Depth: 13.7 ft. bgs

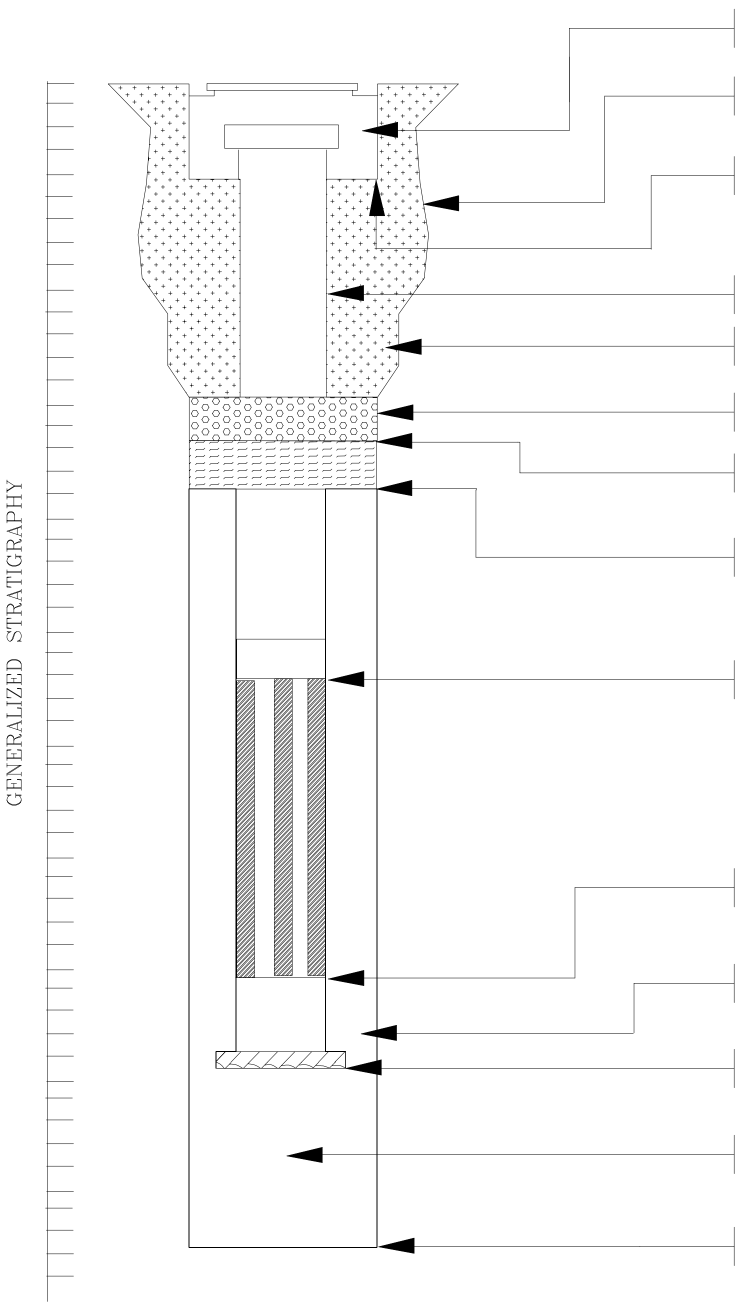
NOTES ft. bgs = feet below ground surface

NA = Not Applicable

LCS, Inc.

WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	915 Cleveland Avenue, Niagara Falls, NY	PROJECT No.	06B3027.22
CLIENT:	Ciminelli Development Company, Inc.	WELL No.	TPMW10
DATE COMPLETED:	8/24/07	SUPERVISED BY:	SM



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: NA

DEPTH OF SURFACE CASING: NA

RISER PIPE Size/Type: 1.0 inch/schedule 40 PVC

DIAMETER OF BOREHOLE: 2.2 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft.bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 1.0 ft. bgs
FILTER PACK MATERIAL: #00N slica sand

TOP OF SCREEN Elevation/Depth: 5.8 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 15.8 ft.bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 16.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 16.0 ft.bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: NA

BOTTOM OF BOREHOLE
Elevation/Depth: 16.0 ft. bgs

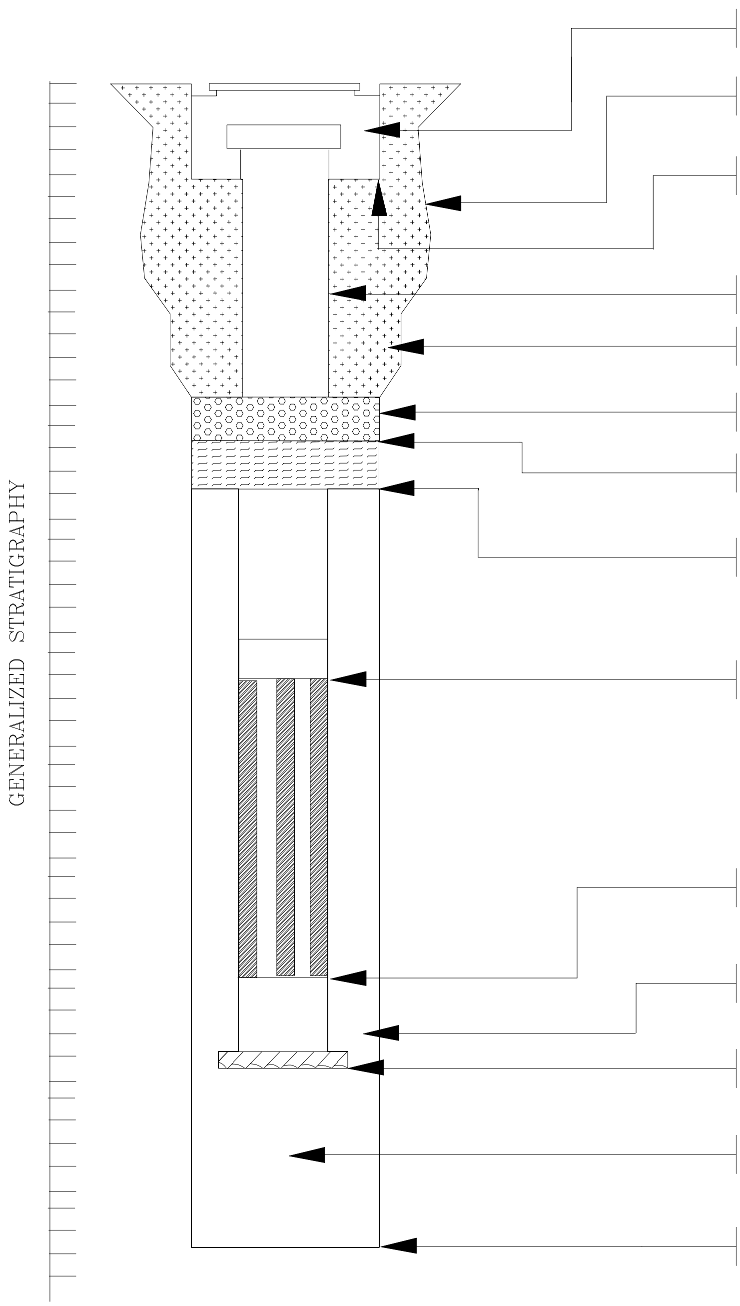
NOTES	ft. bgs = feet below ground surface
	NA = Not Applicable

LCS Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: 915 Cleveland Ave., Niagara Falls, New York PROJECT No. 06B3027.22

CLIENT: Ciminelli Development Company, Inc. WELL No. BR1

DATE COMPLETED: 8/21/2007 SUPERVISED BY: SM



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: Concrete/ 1.5 ft. bgs

DEPTH OF SURFACE CASING: 1 ft. bgs

RISER PIPE Size/Type: 2 inch diameter / Sch. 40 PVC

DIAMETER OF BOREHOLE: 8.5 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 1.5 ft. bgs
TYPE OF SEAL: Bentonite/Cement Grout

TOP OF FILTER PACK Elevation/Depth: 20.0 ft. bgs
FILTER PACK MATERIAL: 00N Silica Sand

TOP OF SCREEN Elevation/Depth: 21.2 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch / Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 36.2 ft. bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 36.5 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 36.5 ft. bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: NA

BOTTOM OF BOREHOLE
Elevation/Depth: 36.5 ft. bgs

NOTES ft. bgs = feet below ground surface

NA = Not Applicable

ANALYTICAL RESULTS

WASTE STREAM TECHNOLOGY, INC.

302 Grote Street
Buffalo, NY 14207
(716) 876-5290

Analytical Data Report
Report Date: 06/18/07
Work Order Number: 7F11007

Prepared For
Doug Reid

Lender Consulting Service

P.O. Box 406

Buffalo, NY 14205

Fax: (716) 845-6164

Site: 915 Cleveland Dr. 06B3027.22

Enclosed are the results of analyses for samples received by the laboratory on 06/11/07. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Brian S. Schepart, Ph.D., Laboratory Director

ENVIRONMENTAL LABORATORY ACCREDITATION CERTIFICATION NUMBERS

NYSDOH ELAP #11179 NJDEPE #73977 PADEP #68757 CTDPH #PH-0306 MADEP #M-NY068

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BH01 (2-4)	7F11007-01	Soil	06/07/07 00:00	06/11/07 14:30
BH01 (10-12)	7F11007-02	Soil	06/07/07 00:00	06/11/07 14:30
BH02 (0-2)	7F11007-03	Soil	06/07/07 00:00	06/11/07 14:30
BH02 (6-8)	7F11007-04	Soil	06/07/07 00:00	06/11/07 14:30
BH03 (0-2)	7F11007-05	Soil	06/07/07 00:00	06/11/07 14:30
BH03 (10-12)	7F11007-06	Soil	06/07/07 00:00	06/11/07 14:30
BH04 (2-4)	7F11007-07	Soil	06/07/07 00:00	06/11/07 14:30
BH04 (8-10)	7F11007-08	Soil	06/07/07 00:00	06/11/07 14:30
BH06 (0-2)	7F11007-09	Soil	06/07/07 00:00	06/11/07 14:30
BH06 (10-12)	7F11007-10	Soil	06/07/07 00:00	06/11/07 14:30
BH07 (0-4)	7F11007-11	Soil	06/07/07 00:00	06/11/07 14:30
BH07(14-15)	7F11007-12	Soil	06/07/07 00:00	06/11/07 14:30
BH08 (2-4)	7F11007-13	Soil	06/07/07 00:00	06/11/07 14:30
BH08 (8-10)	7F11007-14	Soil	06/07/07 00:00	06/11/07 14:30
BH09(4-6)	7F11007-15	Soil	06/07/07 00:00	06/11/07 14:30
BH09 (8-10)	7F11007-16	Soil	06/07/07 00:00	06/11/07 14:30
TPMW 1	7F11007-17	Water	06/08/07 00:00	06/11/07 14:30
TPMW 2	7F11007-18	Water	06/08/07 00:00	06/11/07 14:30
TPMW 3	7F11007-19	Water	06/08/07 00:00	06/11/07 14:30
TPMW 4	7F11007-20	Water	06/08/07 00:00	06/11/07 14:30

According to NYSDOH ELAP thermal preservation requirements, the data for the (915 Cleveland Ave. Aqueous Samples) analyses of sample numbers (7F11007-017-20) should be considered as estimated since the temperature of the samples at the time of receipt was above the upper limit of 6°C.

Lender Consulting Service
P.O. Box 406
Buffalo NY, 14205

Project: New York State Projects
Project Number: 915 Cleveland Dr. 06B3027.22
Project Manager: Doug Reid

Reported:
06/18/07 16:59

Metals by EPA 6000/7000 Series Methods

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH01 (2-4) (7F11007-01) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
Mercury	ND	0.011	mg/kg dry	1	AF71403	06/14/07	06/14/07	EPA 7471A	
Silver	ND	2.50	"	5	AF71404	06/14/07	06/14/07	EPA 6010B	
Arsenic	ND	8.50	"	"	"	"	"	"	
Barium	**123**	5.00	"	"	"	"	"	"	
Cadmium	ND	5.00	"	"	"	"	"	"	
Chromium	**17.8**	5.00	"	"	"	"	"	"	
Lead	ND	20.5	"	"	"	"	"	"	
Selenium	ND	7.00	"	"	"	"	"	"	
BH02 (0-2) (7F11007-03) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
Mercury	**0.127**	0.011	mg/kg dry	1	AF71403	06/14/07	06/14/07	EPA 7471A	
Silver	ND	2.50	"	5	AF71404	06/14/07	06/14/07	EPA 6010B	
Arsenic	ND	8.50	"	"	"	"	"	"	
Barium	**108**	5.00	"	"	"	"	"	"	
Cadmium	ND	5.00	"	"	"	"	"	"	
Chromium	**20.0**	5.00	"	"	"	"	"	"	
Lead	**77.9**	20.5	"	"	"	"	"	"	
Selenium	ND	7.00	"	"	"	"	"	"	
BH03 (0-2) (7F11007-05) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
Mercury	**0.099**	0.012	mg/kg dry	1	AF71403	06/14/07	06/14/07	EPA 7471A	
Silver	ND	2.50	"	5	AF71404	06/14/07	06/14/07	EPA 6010B	
Arsenic	ND	8.50	"	"	"	"	06/14/07	"	
Barium	**107**	5.00	"	"	"	"	06/14/07	"	
Cadmium	ND	5.00	"	"	"	"	06/14/07	"	
Chromium	**22.2**	5.00	"	"	"	"	06/14/07	"	
Lead	ND	20.5	"	"	"	"	06/14/07	"	
Selenium	ND	7.00	"	"	"	"	"	"	

Metals by EPA 6000/7000 Series Methods

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH04 (2-4) (7F11007-07) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
Mercury	ND	0.011	mg/kg dry	1	AF71403	06/14/07	06/14/07	EPA 7471A	
Silver	ND	2.50	"	5	AF71404	06/14/07	06/14/07	EPA 6010B	
Arsenic	ND	8.50	"	"	"	"	"	"	
Barium	**215**	5.00	"	"	"	"	"	"	
Cadmium	ND	5.00	"	"	"	"	"	"	
Chromium	**14.8**	5.00	"	"	"	"	"	"	
Lead	ND	20.5	"	"	"	"	"	"	
Selenium	ND	7.00	"	"	"	"	"	"	
BH06 (0-2) (7F11007-09) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
Mercury	**5.09**	0.123	mg/kg dry	10	AF71403	06/14/07	06/14/07	EPA 7471A	
Silver	ND	2.50	"	5	AF71404	06/14/07	06/14/07	EPA 6010B	
Arsenic	**13.5**	8.50	"	"	"	"	06/14/07	"	
Barium	**172**	5.00	"	"	"	"	06/14/07	"	
Cadmium	ND	5.00	"	"	"	"	06/14/07	"	
Chromium	**21.9**	5.00	"	"	"	"	06/14/07	"	
Lead	**520**	20.5	"	"	"	"	"	"	
Selenium	ND	7.00	"	"	"	"	06/14/07	"	
BH07 (0-4) (7F11007-11) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
Mercury	**0.557**	0.056	mg/kg dry	5	AF71403	06/14/07	06/14/07	EPA 7471A	
Silver	ND	2.50	"	"	AF71404	06/14/07	06/14/07	EPA 6010B	
Arsenic	ND	8.50	"	"	"	"	"	"	
Barium	**122**	5.00	"	"	"	"	"	"	
Cadmium	ND	5.00	"	"	"	"	"	"	
Chromium	**18.3**	5.00	"	"	"	"	"	"	
Lead	**207**	20.5	"	"	"	"	"	"	
Selenium	ND	7.00	"	"	"	"	"	"	

Lender Consulting Service P.O. Box 406 Buffalo NY, 14205	Project: New York State Projects Project Number: 915 Cleveland Dr. 06B3027.22 Project Manager: Doug Reid	**Reported:** 06/18/07 16:59

Metals by EPA 6000/7000 Series Methods

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH08 (2-4) (7F11007-13) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
Mercury	**0.040**	0.012	mg/kg dry	1	AF71403	06/14/07	06/14/07	EPA 7471A	
Silver	ND	2.50	"	5	AF71404	06/14/07	06/14/07	EPA 6010B	
Arsenic	ND	8.50	"	"	"	"	"	"	
Barium	**171**	5.00	"	"	"	"	"	"	
Cadmium	ND	5.00	"	"	"	"	"	"	
Chromium	**29.0**	5.00	"	"	"	"	"	"	
Lead	**23.7**	20.5	"	"	"	"	"	"	
Selenium	ND	7.00	"	"	"	"	"	"	
BH09(4-6) (7F11007-15) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
Mercury	ND	0.011	mg/kg dry	1	AF71403	06/14/07	06/14/07	EPA 7471A	
Silver	ND	2.50	"	5	AF71404	06/14/07	06/14/07	EPA 6010B	
Arsenic	ND	8.50	"	"	"	"	"	"	
Barium	**44.7**	5.00	"	"	"	"	"	"	
Cadmium	ND	5.00	"	"	"	"	"	"	
Chromium	**8.49**	5.00	"	"	"	"	"	"	
Lead	ND	20.5	"	"	"	"	"	"	
Selenium	ND	7.00	"	"	"	"	"	"	
TPMW 1 (7F11007-17) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
Mercury	**0.0011**	0.0002	mg/L	1	AF71502	06/15/07	06/15/07	EPA 7470A	
Silver	ND	0.025	"	5	AF71509	06/15/07	06/15/07	EPA 6010B	
Arsenic	**0.138**	0.045	"	"	"	"	"	"	
Barium	**2.41**	0.025	"	"	"	"	"	"	
Cadmium	**0.010**	0.005	"	"	"	"	"	"	
Chromium	**0.493**	0.025	"	"	"	"	"	"	
Lead	**0.375**	0.075	"	"	"	"	"	"	
Selenium	ND	0.095	"	"	"	"	"	"	

Lender Consulting Service	Project:	New York State Projects	
P.O. Box 406	Project Number:	915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager:	Doug Reid	06/18/07 16:59

Metals by EPA 6000/7000 Series Methods

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPMW 2 (7F11007-18) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
Mercury	ND	0.0002	mg/L	1	AF71502	06/15/07	06/15/07	EPA 7470A	
Silver	ND	0.025	"	5	AF71509	06/15/07	06/15/07	EPA 6010B	
Arsenic	**0.053**	0.045	"	"	"	"	06/15/07	"	
Barium	**0.641**	0.025	"	"	"	"	06/15/07	"	
Cadmium	**0.037**	0.005	"	"	"	"	06/15/07	"	
Chromium	**0.042**	0.025	"	"	"	"	"	"	
Lead	**0.148**	0.075	"	"	"	"	"	"	
Selenium	ND	0.095	"	"	"	"	"	"	
TPMW 3 (7F11007-19) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
Mercury	**0.0002**	0.0002	mg/L	1	AF71502	06/15/07	06/15/07	EPA 7470A	
Silver	ND	0.025	"	5	AF71509	06/15/07	06/15/07	EPA 6010B	
Arsenic	**0.059**	0.045	"	"	"	"	"	"	
Barium	**0.672**	0.025	"	"	"	"	"	"	
Cadmium	ND	0.005	"	"	"	"	"	"	
Chromium	**0.094**	0.025	"	"	"	"	"	"	
Lead	**0.128**	0.075	"	"	"	"	"	"	
Selenium	ND	0.095	"	"	"	"	"	"	
TPMW 4 (7F11007-20) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
Mercury	ND	0.0002	mg/L	1	AF71502	06/15/07	06/15/07	EPA 7470A	
Silver	ND	0.025	"	5	AF71509	06/15/07	06/15/07	EPA 6010B	
Arsenic	ND	0.045	"	"	"	"	"	"	
Barium	**0.770**	0.025	"	"	"	"	"	"	
Cadmium	ND	0.005	"	"	"	"	"	"	
Chromium	**0.088**	0.025	"	"	"	"	"	"	
Lead	**0.193**	0.075	"	"	"	"	"	"	
Selenium	ND	0.095	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Volatile Organic Compounds by EPA Method 8260B

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH01 (10-12) (7F11007-02) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
dichlorodifluoromethane	ND	10	ug/kg dry	1	AF71206	06/12/07	06/12/07	8260	U
chloromethane	ND	10	"	"	"	"	"	"	U
vinyl chloride	ND	10	"	"	"	"	"	"	U
bromomethane	ND	10	"	"	"	"	"	"	U
chloroethane	ND	10	"	"	"	"	"	"	U
trichlorofluoromethane	ND	10	"	"	"	"	"	"	U
1,1-dichloroethene	ND	2	"	"	"	"	"	"	U
acetone	ND	10	"	"	"	"	"	"	U
carbon disulfide	ND	2	"	"	"	"	"	"	U
methylene chloride	ND	2	"	"	"	"	"	"	U
Methyl tert-butyl ether	ND	2	"	"	"	"	"	"	U
trans-1,2-dichloroethene	ND	2	"	"	"	"	"	"	U
1,1-dichloroethane	ND	2	"	"	"	"	"	"	U
vinyl acetate	ND	10	"	"	"	"	"	"	U
2-butanone	ND	10	"	"	"	"	"	"	U
2,2-dichloropropane	ND	2	"	"	"	"	"	"	U
cis-1,2-dichloroethene	ND	2	"	"	"	"	"	"	U
chloroform	ND	2	"	"	"	"	"	"	U
bromochloromethane	ND	2	"	"	"	"	"	"	U
1,1,1-trichloroethane	ND	2	"	"	"	"	"	"	U
carbon tetrachloride	ND	2	"	"	"	"	"	"	U
1,1-dichloropropene	ND	2	"	"	"	"	"	"	U
benzene	**7**	2	"	"	"	"	"	"	
1,2-dichloroethane	ND	2	"	"	"	"	"	"	U
trichloroethene	ND	2	"	"	"	"	"	"	U
1,2-dichloropropane	ND	2	"	"	"	"	"	"	U
bromodichloromethane	ND	2	"	"	"	"	"	"	U
4-Methyl-2-pentanone (MIBK)	ND	10	"	"	"	"	"	"	U
cis-1,3-dichloropropene	ND	2	"	"	"	"	"	"	U
toluene	**8**	2	"	"	"	"	"	"	
trans-1,3-dichloropropene	ND	2	"	"	"	"	"	"	U
1,1,2-trichloroethane	ND	2	"	"	"	"	"	"	U
2-hexanone	ND	10	"	"	"	"	"	"	U
tetrachloroethene	**53**	2	"	"	"	"	"	"	
1,3-dichloropropane	ND	2	"	"	"	"	"	"	U
dibromochloromethane	ND	2	"	"	"	"	"	"	U
1,2-dibromoethane	ND	2	"	"	"	"	"	"	U
1-chlorohexane	ND	2	"	"	"	"	"	"	U
chlorobenzene	ND	2	"	"	"	"	"	"	U
1,1,1,2-tetrachloroethane	ND	2	"	"	"	"	"	"	U
ethylbenzene	ND	2	"	"	"	"	"	"	U
m,p-xylene	**7**	4	"	"	"	"	"	"	

Lender Consulting Service P.O. Box 406 Buffalo NY, 14205	Project: New York State Projects Project Number: 915 Cleveland Dr. 06B3027.22 Project Manager: Doug Reid	**Reported:** 06/18/07 16:59

Volatile Organic Compounds by EPA Method 8260B

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH01 (10-12) (7F11007-02) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
o-xylene	ND	2	ug/kg dry	1	AF71206	06/12/07	06/12/07	8260	U
styrene	ND	2	"	"	"	"	"	"	U
bromoform	ND	2	"	"	"	"	"	"	U
isopropylbenzene	ND	2	"	"	"	"	"	"	U
1,1,2,2-tetrachloroethane	ND	2	"	"	"	"	"	"	U
bromobenzene	ND	2	"	"	"	"	"	"	U
1,2,3-trichloropropane	ND	2	"	"	"	"	"	"	U
n-propylbenzene	ND	2	"	"	"	"	"	"	U
2-chlorotoluene	ND	2	"	"	"	"	"	"	U
1,3,5-trimethylbenzene	ND	2	"	"	"	"	"	"	U
4-chlorotoluene	ND	2	"	"	"	"	"	"	U
tert-butylbenzene	ND	2	"	"	"	"	"	"	U
1,2,4-trimethylbenzene	**4**	2	"	"	"	"	"	"	
sec-butylbenzene	ND	2	"	"	"	"	"	"	U
p-isopropyltoluene	ND	2	"	"	"	"	"	"	U
1,3-dichlorobenzene	ND	2	"	"	"	"	"	"	U
1,4-dichlorobenzene	ND	2	"	"	"	"	"	"	U
n-butylbenzene	ND	2	"	"	"	"	"	"	U
1,2-dichlorobenzene	ND	2	"	"	"	"	"	"	U
1,2-dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	U
1,2,4-trichlorobenzene	ND	2	"	"	"	"	"	"	U
hexachlorobutadiene	ND	2	"	"	"	"	"	"	U
naphthalene	ND	2	"	"	"	"	"	"	U
1,2,3-trichlorobenzene	ND	2	"	"	"	"	"	"	U
Surrogate: Dibromofluoromethane		*93.3 %*	*70-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*90.3 %*	*69-132*		"	"	"	"	
Surrogate: Toluene-d8		*96.7 %*	*81-121*		"	"	"	"	
Surrogate: Bromofluorobenzene		*115 %*	*83-121*		"	"	"	"	

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Volatile Organic Compounds by EPA Method 8260B

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH02 (6-8) (7F11007-04) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
Methyl tert-butyl ether	ND	473	ug/kg dry	2	AF71310	06/13/07	06/13/07	8260	U
benzene	ND	473	"	"	"	"	"	"	U
toluene	ND	473	"	"	"	"	"	"	U
ethylbenzene	ND	473	"	"	"	"	"	"	U
m,p-xylene	ND	946	"	"	"	"	"	"	U
o-xylene	ND	473	"	"	"	"	"	"	U
isopropylbenzene	**651**	473	"	"	"	"	"	"	
n-propylbenzene	ND	473	"	"	"	"	"	"	U
1,3,5-trimethylbenzene	**1370**	473	"	"	"	"	"	"	
tert-butylbenzene	ND	473	"	"	"	"	"	"	U
1,2,4-trimethylbenzene	**1690**	473	"	"	"	"	"	"	
sec-butylbenzene	**839**	473	"	"	"	"	"	"	
p-isopropyltoluene	**839**	473	"	"	"	"	"	"	
n-butylbenzene	**1130**	473	"	"	"	"	"	"	
naphthalene	ND	473	"	"	"	"	"	"	U
Surrogate: Dibromofluoromethane		*97.7 %*	*70-130*		*"*	*"*	*"*	*"*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*69-132*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*107 %*	*81-121*		*"*	*"*	*"*	*"*	
Surrogate: Bromofluorobenzene		*106 %*	*83-121*		*"*	*"*	*"*	*"*	
BH03 (10-12) (7F11007-06) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
Methyl tert-butyl ether	ND	10	ug/kg dry	1	AF71206	06/12/07	06/12/07	8260	U
benzene	**15**	10	"	"	"	"	"	"	
toluene	**24**	10	"	"	"	"	"	"	
ethylbenzene	ND	10	"	"	"	"	"	"	U
m,p-xylene	**26**	20	"	"	"	"	"	"	
o-xylene	ND	10	"	"	"	"	"	"	U
isopropylbenzene	ND	10	"	"	"	"	"	"	U
n-propylbenzene	ND	10	"	"	"	"	"	"	U
1,3,5-trimethylbenzene	ND	10	"	"	"	"	"	"	U
tert-butylbenzene	ND	10	"	"	"	"	"	"	U
1,2,4-trimethylbenzene	**15**	10	"	"	"	"	"	"	
sec-butylbenzene	ND	10	"	"	"	"	"	"	U
p-isopropyltoluene	ND	10	"	"	"	"	"	"	U
n-butylbenzene	ND	10	"	"	"	"	"	"	U
naphthalene	ND	10	"	"	"	"	"	"	U
Surrogate: Dibromofluoromethane		*94.3 %*	*70-130*		*"*	*"*	*"*	*"*	
Surrogate: 1,2-Dichloroethane-d4		*90.0 %*	*69-132*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*93.0 %*	*81-121*		*"*	*"*	*"*	*"*	
Surrogate: Bromofluorobenzene		*95.3 %*	*83-121*		*"*	*"*	*"*	*"*	

Lender Consulting Service P.O. Box 406 Buffalo NY, 14205	Project: New York State Projects Project Number: 915 Cleveland Dr. 06B3027.22 Project Manager: Doug Reid	**Reported:** 06/18/07 16:59

Volatile Organic Compounds by EPA Method 8260B

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH04 (8-10) (7F11007-08) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
Methyl tert-butyl ether	ND	10	ug/kg dry	1	AF71206	06/12/07	06/12/07	8260	U
benzene	**18**	10	"	"	"	"	"	"	
toluene	**15**	10	"	"	"	"	"	"	
ethylbenzene	ND	10	"	"	"	"	"	"	U
m,p-xylene	ND	20	"	"	"	"	"	"	U
o-xylene	ND	10	"	"	"	"	"	"	U
isopropylbenzene	ND	10	"	"	"	"	"	"	U
n-propylbenzene	ND	10	"	"	"	"	"	"	U
1,3,5-trimethylbenzene	ND	10	"	"	"	"	"	"	U
tert-butylbenzene	ND	10	"	"	"	"	"	"	U
1,2,4-trimethylbenzene	ND	10	"	"	"	"	"	"	U
sec-butylbenzene	ND	10	"	"	"	"	"	"	U
p-isopropyltoluene	ND	10	"	"	"	"	"	"	U
n-butylbenzene	ND	10	"	"	"	"	"	"	U
naphthalene	ND	10	"	"	"	"	"	"	U
Surrogate: Dibromofluoromethane		*93.3 %*	*70-130*		*"*	*"*	*"*	*"*	
Surrogate: 1,2-Dichloroethane-d4		*89.7 %*	*69-132*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*93.0 %*	*81-121*		*"*	*"*	*"*	*"*	
Surrogate: Bromofluorobenzene		*95.0 %*	*83-121*		*"*	*"*	*"*	*"*	
BH06 (10-12) (7F11007-10) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
chloromethane	ND	10	ug/kg dry	1	AF71206	06/12/07	06/12/07	8260	U
vinyl chloride	ND	10	"	"	"	"	"	"	U
bromomethane	ND	10	"	"	"	"	"	"	U
chloroethane	ND	10	"	"	"	"	"	"	U
1,1-dichloroethene	ND	2	"	"	"	"	"	"	U
acetone	ND	10	"	"	"	"	"	"	U
carbon disulfide	ND	2	"	"	"	"	"	"	U
methylene chloride	ND	2	"	"	"	"	"	"	U
trans-1,2-dichloroethene	ND	2	"	"	"	"	"	"	U
1,1-dichloroethane	ND	2	"	"	"	"	"	"	U
vinyl acetate	ND	10	"	"	"	"	"	"	U
2-butanone	ND	10	"	"	"	"	"	"	U
cis-1,2-dichloroethene	ND	2	"	"	"	"	"	"	U
chloroform	ND	2	"	"	"	"	"	"	U
1,1,1-trichloroethane	ND	2	"	"	"	"	"	"	U
carbon tetrachloride	ND	2	"	"	"	"	"	"	U
benzene	**9**	2	"	"	"	"	"	"	
1,2-dichloroethane	ND	2	"	"	"	"	"	"	U
trichloroethene	ND	2	"	"	"	"	"	"	U
1,2-dichloropropane	ND	2	"	"	"	"	"	"	U
bromodichloromethane	ND	2	"	"	"	"	"	"	U

Lender Consulting Service	Project:	New York State Projects	
P.O. Box 406	Project Number:	915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager:	Doug Reid	06/18/07 16:59

Volatile Organic Compounds by EPA Method 8260B

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH06 (10-12) (7F11007-10) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
4-Methyl-2-pentanone (MIBK)	ND	10	ug/kg dry	1	AF71206	06/12/07	06/12/07	8260	U
cis-1,3-dichloropropene	ND	2	"	"	"	"	"	"	U
toluene	**7**	2	"	"	"	"	"	"	
trans-1,3-dichloropropene	ND	2	"	"	"	"	"	"	U
1,1,2-trichloroethane	ND	2	"	"	"	"	"	"	U
2-hexanone	ND	10	"	"	"	"	"	"	U
tetrachloroethene	**73**	2	"	"	"	"	"	"	
dibromochloromethane	ND	2	"	"	"	"	"	"	U
chlorobenzene	ND	2	"	"	"	"	"	"	U
ethylbenzene	ND	2	"	"	"	"	"	"	U
m,p-xylene	**6**	4	"	"	"	"	"	"	
o-xylene	ND	2	"	"	"	"	"	"	U
styrene	ND	2	"	"	"	"	"	"	U
bromoform	ND	2	"	"	"	"	"	"	U
1,1,2,2-tetrachloroethane	ND	2	"	"	"	"	"	"	U
Surrogate: Dibromofluoromethane		*91.3 %*	*70-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*89.7 %*	*69-132*		"	"	"	"	
Surrogate: Toluene-d8		*92.7 %*	*81-121*		"	"	"	"	
Surrogate: Bromofluorobenzene		*92.7 %*	*83-121*		"	"	"	"	
BH07(14-15) (7F11007-12) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
chloromethane	ND	10	ug/kg dry	1	AF71206	06/12/07	06/12/07	8260	U
vinyl chloride	ND	10	"	"	"	"	"	"	U
bromomethane	ND	10	"	"	"	"	"	"	U
chloroethane	ND	10	"	"	"	"	"	"	U
1,1-dichloroethene	ND	2	"	"	"	"	"	"	U
acetone	ND	10	"	"	"	"	"	"	U
carbon disulfide	ND	2	"	"	"	"	"	"	U
methylene chloride	ND	2	"	"	"	"	"	"	U
trans-1,2-dichloroethene	ND	2	"	"	"	"	"	"	U
1,1-dichloroethane	ND	2	"	"	"	"	"	"	U
vinyl acetate	ND	10	"	"	"	"	"	"	U
2-butanone	ND	10	"	"	"	"	"	"	U
cis-1,2-dichloroethene	ND	2	"	"	"	"	"	"	U
chloroform	ND	2	"	"	"	"	"	"	U
1,1,1-trichloroethane	ND	2	"	"	"	"	"	"	U
carbon tetrachloride	ND	2	"	"	"	"	"	"	U
benzene	**8**	2	"	"	"	"	"	"	
1,2-dichloroethane	ND	2	"	"	"	"	"	"	U
trichloroethene	ND	2	"	"	"	"	"	"	U
1,2-dichloropropane	ND	2	"	"	"	"	"	"	U
bromodichloromethane	ND	2	"	"	"	"	"	"	U

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Volatile Organic Compounds by EPA Method 8260B

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH07(14-15) (7F11007-12) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
4-Methyl-2-pentanone (MIBK)	ND	10	ug/kg dry	1	AF71206	06/12/07	06/12/07	8260	U
cis-1,3-dichloropropene	ND	2	"	"	"	"	"	"	U
toluene	**13**	2	"	"	"	"	"	"	
trans-1,3-dichloropropene	ND	2	"	"	"	"	"	"	U
1,1,2-trichloroethane	ND	2	"	"	"	"	"	"	U
2-hexanone	ND	10	"	"	"	"	"	"	U
tetrachloroethene	**653**	10	"	5.05	"	"	"	"	D
dibromochloromethane	ND	2	"	1	"	"	"	"	U
chlorobenzene	ND	2	"	"	"	"	"	"	U
ethylbenzene	ND	2	"	"	"	"	"	"	U
m,p-xylene	**13**	4	"	"	"	"	"	"	
o-xylene	**4**	2	"	"	"	"	"	"	
styrene	ND	2	"	"	"	"	"	"	U
bromoform	ND	2	"	"	"	"	"	"	U
1,1,2,2-tetrachloroethane	ND	2	"	"	"	"	"	"	U
Surrogate: Dibromofluoromethane		*93.7 %*	*70-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*91.3 %*	*69-132*		"	"	"	"	
Surrogate: Toluene-d8		*94.3 %*	*81-121*		"	"	"	"	
Surrogate: Bromofluorobenzene		*96.3 %*	*83-121*		"	"	"	"	
BH08 (8-10) (7F11007-14) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
chloromethane	ND	10	ug/kg dry	1	AF71206	06/12/07	06/12/07	8260	U
vinyl chloride	ND	10	"	"	"	"	"	"	U
bromomethane	ND	10	"	"	"	"	"	"	U
chloroethane	ND	10	"	"	"	"	"	"	U
1,1-dichloroethene	ND	2	"	"	"	"	"	"	U
acetone	ND	10	"	"	"	"	"	"	U
carbon disulfide	ND	2	"	"	"	"	"	"	U
methylene chloride	ND	2	"	"	"	"	"	"	U
trans-1,2-dichloroethene	ND	2	"	"	"	"	"	"	U
1,1-dichloroethane	ND	2	"	"	"	"	"	"	U
vinyl acetate	ND	10	"	"	"	"	"	"	U
2-butanone	ND	10	"	"	"	"	"	"	U
cis-1,2-dichloroethene	ND	2	"	"	"	"	"	"	U
chloroform	ND	2	"	"	"	"	"	"	U
1,1,1-trichloroethane	ND	2	"	"	"	"	"	"	U
carbon tetrachloride	ND	2	"	"	"	"	"	"	U
benzene	**3**	2	"	"	"	"	"	"	
1,2-dichloroethane	ND	2	"	"	"	"	"	"	U
trichloroethene	ND	2	"	"	"	"	"	"	U
1,2-dichloropropane	ND	2	"	"	"	"	"	"	U
bromodichloromethane	ND	2	"	"	"	"	"	"	U

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Volatile Organic Compounds by EPA Method 8260B

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH08 (8-10) (7F11007-14) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
4-Methyl-2-pentanone (MIBK)	ND	10	ug/kg dry	1	AF71206	06/12/07	06/12/07	8260	U
cis-1,3-dichloropropene	ND	2	"	"	"	"	"	"	U
toluene	**3**	2	"	"	"	"	"	"	
trans-1,3-dichloropropene	ND	2	"	"	"	"	"	"	U
1,1,2-trichloroethane	ND	2	"	"	"	"	"	"	U
2-hexanone	ND	10	"	"	"	"	"	"	U
tetrachloroethene	**53**	2	"	"	"	"	"	"	
dibromochloromethane	ND	2	"	"	"	"	"	"	U
chlorobenzene	ND	2	"	"	"	"	"	"	U
ethylbenzene	ND	2	"	"	"	"	"	"	U
m,p-xylene	ND	4	"	"	"	"	"	"	U
o-xylene	ND	2	"	"	"	"	"	"	U
styrene	ND	2	"	"	"	"	"	"	U
bromoform	ND	2	"	"	"	"	"	"	U
1,1,2,2-tetrachloroethane	ND	2	"	"	"	"	"	"	U
Surrogate: Dibromofluoromethane		*95.0 %*	*70-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*92.3 %*	*69-132*		"	"	"	"	
Surrogate: Toluene-d8		*92.0 %*	*81-121*		"	"	"	"	
Surrogate: Bromofluorobenzene		*96.0 %*	*83-121*		"	"	"	"	
BH09 (8-10) (7F11007-16) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
chloromethane	ND	10	ug/kg dry	1	AF71206	06/12/07	06/12/07	8260	U
vinyl chloride	ND	10	"	"	"	"	"	"	U
bromomethane	ND	10	"	"	"	"	"	"	U
chloroethane	ND	10	"	"	"	"	"	"	U
1,1-dichloroethene	ND	2	"	"	"	"	"	"	U
acetone	ND	10	"	"	"	"	"	"	U
carbon disulfide	ND	2	"	"	"	"	"	"	U
methylene chloride	ND	2	"	"	"	"	"	"	U
trans-1,2-dichloroethene	ND	2	"	"	"	"	"	"	U
1,1-dichloroethane	ND	2	"	"	"	"	"	"	U
vinyl acetate	ND	10	"	"	"	"	"	"	U
2-butanone	ND	10	"	"	"	"	"	"	U
cis-1,2-dichloroethene	ND	2	"	"	"	"	"	"	U
chloroform	ND	2	"	"	"	"	"	"	U
1,1,1-trichloroethane	ND	2	"	"	"	"	"	"	U
carbon tetrachloride	ND	2	"	"	"	"	"	"	U
benzene	**8**	2	"	"	"	"	"	"	
1,2-dichloroethane	ND	2	"	"	"	"	"	"	U
trichloroethene	ND	2	"	"	"	"	"	"	U
1,2-dichloropropane	ND	2	"	"	"	"	"	"	U
bromodichloromethane	ND	2	"	"	"	"	"	"	U

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Volatile Organic Compounds by EPA Method 8260B

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH09 (8-10) (7F11007-16) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
4-Methyl-2-pentanone (MIBK)	ND	10	ug/kg dry	1	AF71206	06/12/07	06/12/07	8260	U
cis-1,3-dichloropropene	ND	2	"	"	"	"	"	"	U
toluene	**13**	2	"	"	"	"	"	"	
trans-1,3-dichloropropene	ND	2	"	"	"	"	"	"	U
1,1,2-trichloroethane	ND	2	"	"	"	"	"	"	U
2-hexanone	ND	10	"	"	"	"	"	"	U
tetrachloroethene	**17**	2	"	"	"	"	"	"	
dibromochloromethane	ND	2	"	"	"	"	"	"	U
chlorobenzene	ND	2	"	"	"	"	"	"	U
ethylbenzene	ND	2	"	"	"	"	"	"	U
m,p-xylene	**13**	4	"	"	"	"	"	"	
o-xylene	**3**	2	"	"	"	"	"	"	
styrene	ND	2	"	"	"	"	"	"	U
bromoform	ND	2	"	"	"	"	"	"	U
1,1,2,2-tetrachloroethane	ND	2	"	"	"	"	"	"	U
Surrogate: Dibromofluoromethane		*97.0 %*	*70-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*91.0 %*	*69-132*		"	"	"	"	
Surrogate: Toluene-d8		*92.0 %*	*81-121*		"	"	"	"	
Surrogate: Bromofluorobenzene		*95.0 %*	*83-121*		"	"	"	"	
TPMW 1 (7F11007-17) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
dichlorodifluoromethane	ND	2	ug/l	1	AF71313	06/13/07	06/13/07	8260	U
chloromethane	ND	2	"	"	"	"	"	"	U
vinyl chloride	ND	2	"	"	"	"	"	"	U
bromomethane	ND	2	"	"	"	"	"	"	U
chloroethane	ND	2	"	"	"	"	"	"	U
trichlorofluoromethane	ND	2	"	"	"	"	"	"	U
1,1-dichloroethene	**2**	1	"	"	"	"	"	"	
acetone	ND	10	"	"	"	"	"	"	U
carbon disulfide	ND	1	"	"	"	"	"	"	U
methylene chloride	**2**	2	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	1	"	"	"	"	"	"	U
trans-1,2-dichloroethene	**2**	1	"	"	"	"	"	"	
1,1-dichloroethane	ND	1	"	"	"	"	"	"	U
vinyl acetate	ND	10	"	"	"	"	"	"	U
2-butanone	ND	10	"	"	"	"	"	"	U
2,2-dichloropropane	ND	1	"	"	"	"	"	"	U
cis-1,2-dichloroethene	**20**	1	"	"	"	"	"	"	
chloroform	**3**	1	"	"	"	"	"	"	
bromochloromethane	ND	1	"	"	"	"	"	"	U
1,1,1-trichloroethane	**9**	1	"	"	"	"	"	"	
carbon tetrachloride	ND	1	"	"	"	"	"	"	U

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Volatile Organic Compounds by EPA Method 8260B

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPMW 1 (7F11007-17) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
1,1-dichloropropene	ND	1	ug/l	1	AF71313	06/13/07	06/13/07	8260	U
benzene	ND	1	"	"	"	"	"	"	U
1,2-dichloroethane	ND	1	"	"	"	"	"	"	U
trichloroethene	**61**	1	"	"	"	"	"	"	
1,2-dichloropropane	ND	1	"	"	"	"	"	"	U
bromodichloromethane	ND	1	"	"	"	"	"	"	U
2-chloroethylvinyl ether	ND	10	"	"	"	"	"	"	U
4-Methyl-2-pentanone (MIBK)	ND	10	"	"	"	"	"	"	U
cis-1,3-dichloropropene	ND	1	"	"	"	"	"	"	U
toluene	ND	1	"	"	"	"	"	"	U
trans-1,3-dichloropropene	ND	1	"	"	"	"	"	"	U
1,1,2-trichloroethane	ND	1	"	"	"	"	"	"	U
2-hexanone	ND	10	"	"	"	"	"	"	U
tetrachloroethene	**17700**	200	"	200	"	"	"	"	D
1,3-dichloropropane	ND	1	"	1	"	"	"	"	U
dibromochloromethane	ND	1	"	"	"	"	"	"	U
1,2-dibromoethane	ND	1	"	"	"	"	"	"	U
1-chlorohexane	ND	1	"	"	"	"	"	"	U
chlorobenzene	ND	1	"	"	"	"	"	"	U
1,1,1,2-tetrachloroethane	ND	1	"	"	"	"	"	"	U
ethylbenzene	ND	1	"	"	"	"	"	"	U
m,p-xylene	ND	2	"	"	"	"	"	"	U
o-xylene	ND	1	"	"	"	"	"	"	U
styrene	ND	1	"	"	"	"	"	"	U
bromoform	ND	1	"	"	"	"	"	"	U
isopropylbenzene	ND	1	"	"	"	"	"	"	U
1,1,2,2-tetrachloroethane	ND	1	"	"	"	"	"	"	U
bromobenzene	ND	1	"	"	"	"	"	"	U
1,2,3-trichloropropane	ND	1	"	"	"	"	"	"	U
n-propylbenzene	ND	1	"	"	"	"	"	"	U
2-chlorotoluene	ND	1	"	"	"	"	"	"	U
1,3,5-trimethylbenzene	ND	1	"	"	"	"	"	"	U
4-chlorotoluene	ND	1	"	"	"	"	"	"	U
tert-butylbenzene	ND	1	"	"	"	"	"	"	U
1,2,4-trimethylbenzene	ND	1	"	"	"	"	"	"	U
sec-butylbenzene	ND	1	"	"	"	"	"	"	U
p-isopropyltoluene	ND	1	"	"	"	"	"	"	U
1,3-dichlorobenzene	ND	1	"	"	"	"	"	"	U
1,4-dichlorobenzene	ND	1	"	"	"	"	"	"	U
n-butylbenzene	ND	1	"	"	"	"	"	"	U
1,2-dichlorobenzene	ND	1	"	"	"	"	"	"	U
1,2-dibromo-3-chloropropane	ND	10	"	"	"	"	"	"	U

Volatile Organic Compounds by EPA Method 8260B

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPMW 1 (7F11007-17) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
1,2,4-trichlorobenzene	ND	1	ug/l	1	AF71313	06/13/07	06/13/07	8260	U
hexachlorobutadiene	ND	1	"	"	"	"	"	"	U
naphthalene	ND	1	"	"	"	"	"	"	U
1,2,3-trichlorobenzene	ND	1	"	"	"	"	"	"	U
Surrogate: Dibromofluoromethane		*96.3 %*	*75-125*		*"*	*"*	*"*	*"*	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*74-117*		*"*	*"*	*"*	*"*	
Surrogate: Toluene-d8		*93.0 %*	*82-123*		*"*	*"*	*"*	*"*	
Surrogate: Bromofluorobenzene		*96.3 %*	*85-123*		*"*	*"*	*"*	*"*	
TPMW 2 (7F11007-18) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
chloromethane	ND	2	ug/l	1	AF71313	06/13/07	06/13/07	8260	U
vinyl chloride	ND	1	"	"	"	"	"	"	U
bromomethane	ND	2	"	"	"	"	"	"	U
chloroethane	ND	2	"	"	"	"	"	"	U
1,1-dichloroethene	ND	1	"	"	"	"	"	"	U
acetone	**11**	10	"	"	"	"	"	"	
carbon disulfide	ND	1	"	"	"	"	"	"	U
methylene chloride	ND	2	"	"	"	"	"	"	U
trans-1,2-dichloroethene	ND	1	"	"	"	"	"	"	U
1,1-dichloroethane	ND	1	"	"	"	"	"	"	U
vinyl acetate	ND	10	"	"	"	"	"	"	U
2-butanone	ND	10	"	"	"	"	"	"	U
cis-1,2-dichloroethene	**16**	1	"	"	"	"	"	"	
chloroform	ND	1	"	"	"	"	"	"	U
1,1,1-trichloroethane	ND	1	"	"	"	"	"	"	U
carbon tetrachloride	ND	1	"	"	"	"	"	"	U
benzene	**2**	1	"	"	"	"	"	"	
1,2-dichloroethane	ND	1	"	"	"	"	"	"	U
trichloroethene	**31**	1	"	"	"	"	"	"	
1,2-dichloropropane	ND	1	"	"	"	"	"	"	U
bromodichloromethane	ND	1	"	"	"	"	"	"	U
2-chloroethylvinyl ether	ND	10	"	"	"	"	"	"	U
4-Methyl-2-pentanone (MIBK)	ND	10	"	"	"	"	"	"	U
cis-1,3-dichloropropene	ND	1	"	"	"	"	"	"	U
toluene	**2**	1	"	"	"	"	"	"	
trans-1,3-dichloropropene	ND	1	"	"	"	"	"	"	U
1,1,2-trichloroethane	ND	1	"	"	"	"	"	"	U
2-hexanone	ND	10	"	"	"	"	"	"	U
tetrachloroethene	**423**	10	"	10	"	"	"	"	D
dibromochloromethane	ND	1	"	1	"	"	"	"	U
chlorobenzene	ND	1	"	"	"	"	"	"	U
ethylbenzene	**10**	1	"	"	"	"	"	"	

Lender Consulting Service	Project:	New York State Projects	
P.O. Box 406	Project Number:	915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager:	Doug Reid	06/18/07 16:59

Volatile Organic Compounds by EPA Method 8260B

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPMW 2 (7F11007-18) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
m,p-xylene	**9**	2	ug/l	1	AF71313	06/13/07	06/13/07	8260	
o-xylene	ND	1	"	"	"	"	"	"	U
styrene	ND	1	"	"	"	"	"	"	U
bromoform	ND	1	"	"	"	"	"	"	U
1,1,2,2-tetrachloroethane	ND	1	"	"	"	"	"	"	U
Surrogate: Dibromofluoromethane		*99.0 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*74-117*		"	"	"	"	
Surrogate: Toluene-d8		*98.7 %*	*82-123*		"	"	"	"	
Surrogate: Bromofluorobenzene		*98.7 %*	*85-123*		"	"	"	"	
TPMW 3 (7F11007-19) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
chloromethane	ND	2	ug/l	1	AF71313	06/13/07	06/13/07	8260	U
vinyl chloride	ND	1	"	"	"	"	"	"	U
bromomethane	ND	2	"	"	"	"	"	"	U
chloroethane	ND	2	"	"	"	"	"	"	U
1,1-dichloroethene	ND	1	"	"	"	"	"	"	U
acetone	ND	10	"	"	"	"	"	"	U
carbon disulfide	ND	1	"	"	"	"	"	"	U
methylene chloride	ND	2	"	"	"	"	"	"	U
trans-1,2-dichloroethene	ND	1	"	"	"	"	"	"	U
1,1-dichloroethane	ND	1	"	"	"	"	"	"	U
vinyl acetate	ND	10	"	"	"	"	"	"	U
2-butanone	ND	10	"	"	"	"	"	"	U
cis-1,2-dichloroethene	ND	1	"	"	"	"	"	"	U
chloroform	ND	1	"	"	"	"	"	"	U
1,1,1-trichloroethane	ND	1	"	"	"	"	"	"	U
carbon tetrachloride	ND	1	"	"	"	"	"	"	U
benzene	**1**	1	"	"	"	"	"	"	
1,2-dichloroethane	ND	1	"	"	"	"	"	"	U
trichloroethene	**5**	1	"	"	"	"	"	"	
1,2-dichloropropane	ND	1	"	"	"	"	"	"	U
bromodichloromethane	ND	1	"	"	"	"	"	"	U
2-chloroethylvinyl ether	ND	10	"	"	"	"	"	"	U
4-Methyl-2-pentanone (MIBK)	ND	10	"	"	"	"	"	"	U
cis-1,3-dichloropropene	ND	1	"	"	"	"	"	"	U
toluene	**2**	1	"	"	"	"	"	"	
trans-1,3-dichloropropene	ND	1	"	"	"	"	"	"	U
1,1,2-trichloroethane	ND	1	"	"	"	"	"	"	U
2-hexanone	ND	10	"	"	"	"	"	"	U
tetrachloroethene	**460**	10	"	10	"	"	"	"	D
dibromochloromethane	ND	1	"	1	"	"	"	"	U
chlorobenzene	ND	1	"	"	"	"	"	"	U

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Volatile Organic Compounds by EPA Method 8260B

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPMW 3 (7F11007-19) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
ethylbenzene	ND	1	ug/l	1	AF71313	06/13/07	06/13/07	8260	U
m,p-xylene	**2**	2	"	"	"	"	"	"	
o-xylene	ND	1	"	"	"	"	"	"	U
styrene	ND	1	"	"	"	"	"	"	U
bromoform	ND	1	"	"	"	"	"	"	U
1,1,2,2-tetrachloroethane	ND	1	"	"	"	"	"	"	U
Surrogate: Dibromofluoromethane		*95.3 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*74-117*		"	"	"	"	
Surrogate: Toluene-d8		*97.0 %*	*82-123*		"	"	"	"	
Surrogate: Bromofluorobenzene		*98.7 %*	*85-123*		"	"	"	"	
TPMW 4 (7F11007-20) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
chloromethane	ND	2	ug/l	1	AF71313	06/13/07	06/13/07	8260	U
vinyl chloride	ND	1	"	"	"	"	"	"	U
bromomethane	ND	2	"	"	"	"	"	"	U
chloroethane	ND	2	"	"	"	"	"	"	U
1,1-dichloroethene	ND	1	"	"	"	"	"	"	U
acetone	ND	10	"	"	"	"	"	"	U
carbon disulfide	ND	1	"	"	"	"	"	"	U
methylene chloride	ND	2	"	"	"	"	"	"	U
trans-1,2-dichloroethene	ND	1	"	"	"	"	"	"	U
1,1-dichloroethane	ND	1	"	"	"	"	"	"	U
vinyl acetate	ND	10	"	"	"	"	"	"	U
2-butanone	ND	10	"	"	"	"	"	"	U
cis-1,2-dichloroethene	**2**	1	"	"	"	"	"	"	
chloroform	ND	1	"	"	"	"	"	"	U
1,1,1-trichloroethane	ND	1	"	"	"	"	"	"	U
carbon tetrachloride	ND	1	"	"	"	"	"	"	U
benzene	ND	1	"	"	"	"	"	"	U
1,2-dichloroethane	ND	1	"	"	"	"	"	"	U
trichloroethene	**12**	1	"	"	"	"	"	"	
1,2-dichloropropane	ND	1	"	"	"	"	"	"	U
bromodichloromethane	ND	1	"	"	"	"	"	"	U
2-chloroethylvinyl ether	ND	10	"	"	"	"	"	"	U
4-Methyl-2-pentanone (MIBK)	ND	10	"	"	"	"	"	"	U
cis-1,3-dichloropropene	ND	1	"	"	"	"	"	"	U
toluene	**1**	1	"	"	"	"	"	"	
trans-1,3-dichloropropene	ND	1	"	"	"	"	"	"	U
1,1,2-trichloroethane	ND	1	"	"	"	"	"	"	U
2-hexanone	ND	10	"	"	"	"	"	"	U
tetrachloroethene	**299**	10	"	10	"	"	"	"	D
dibromochloromethane	ND	1	"	1	"	"	"	"	U

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Volatile Organic Compounds by EPA Method 8260B

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPMW 4 (7F11007-20) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
chlorobenzene	ND	1	ug/l	1	AF71313	06/13/07	06/13/07	8260	U
ethylbenzene	ND	1	"	"	"	"	"	"	U
m,p-xylene	ND	2	"	"	"	"	"	"	U
o-xylene	ND	1	"	"	"	"	"	"	U
styrene	ND	1	"	"	"	"	"	"	U
bromoform	ND	1	"	"	"	"	"	"	U
1,1,2,2-tetrachloroethane	ND	1	"	"	"	"	"	"	U
Surrogate: Dibromofluoromethane		*97.3 %*	*75-125*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*74-117*		"	"	"	"	
Surrogate: Toluene-d8		*97.3 %*	*82-123*		"	"	"	"	
Surrogate: Bromofluorobenzene		*97.7 %*	*85-123*		"	"	"	"	

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH01 (10-12) (7F11007-02) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
naphthalene	ND	67	ug/kg dry	1	AF71303	06/13/07	06/15/07	8270	U
Acenaphthylene	ND	67	"	"	"	"	"	"	U
acenaphthene	ND	67	"	"	"	"	"	"	U
fluorene	ND	67	"	"	"	"	"	"	U
phenanthrene	ND	67	"	"	"	"	"	"	U
anthracene	ND	67	"	"	"	"	"	"	U
fluoranthene	ND	67	"	"	"	"	"	"	U
pyrene	ND	67	"	"	"	"	"	"	U
Benzo (a) anthracene	ND	67	"	"	"	"	"	"	U
chrysene	ND	67	"	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	67	"	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	67	"	"	"	"	"	"	U
Benzo (a) pyrene	ND	67	"	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND	67	"	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND	67	"	"	"	"	"	"	U
Benzo (g,h,i) perylene	ND	67	"	"	"	"	"	"	U
Surrogate: Nitrobenzene-d5		*85.1 %*	*50-98*		*"*	*"*	*"*	*"*	
Surrogate: 2-Fluorobiphenyl		*87.0 %*	*49-98*		*"*	*"*	*"*	*"*	
Surrogate: Terphenyl-d14		*155 %*	*43-108*		*"*	*"*	*"*	*"*	*G*
BH02 (6-8) (7F11007-04) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
naphthalene	ND	67	ug/kg dry	1	AF71303	06/13/07	06/15/07	8270	U
Acenaphthylene	ND	67	"	"	"	"	"	"	U
acenaphthene	ND	67	"	"	"	"	"	"	U
fluorene	ND	67	"	"	"	"	"	"	U
phenanthrene	ND	67	"	"	"	"	"	"	U
anthracene	ND	67	"	"	"	"	"	"	U
fluoranthene	ND	67	"	"	"	"	"	"	U
pyrene	ND	67	"	"	"	"	"	"	U
Benzo (a) anthracene	ND	67	"	"	"	"	"	"	U
chrysene	ND	67	"	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	67	"	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	67	"	"	"	"	"	"	U
Benzo (a) pyrene	ND	67	"	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND	67	"	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND	67	"	"	"	"	"	"	U
Benzo (g,h,i) perylene	ND	67	"	"	"	"	"	"	U
Surrogate: Nitrobenzene-d5		*52.0 %*	*50-98*		*"*	*"*	*"*	*"*	
Surrogate: 2-Fluorobiphenyl		*69.8 %*	*49-98*		*"*	*"*	*"*	*"*	
Surrogate: Terphenyl-d14		*153 %*	*43-108*		*"*	*"*	*"*	*"*	*G*

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH03 (10-12) (7F11007-06) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
naphthalene	ND	67	ug/kg dry	1	AF71303	06/13/07	06/15/07	8270	U
Acenaphthylene	ND	67	"	"	"	"	"	"	U
acenaphthene	ND	67	"	"	"	"	"	"	U
fluorene	ND	67	"	"	"	"	"	"	U
phenanthrene	ND	67	"	"	"	"	"	"	U
anthracene	ND	67	"	"	"	"	"	"	U
fluoranthene	ND	67	"	"	"	"	"	"	U
pyrene	ND	67	"	"	"	"	"	"	U
Benzo (a) anthracene	ND	67	"	"	"	"	"	"	U
chrysene	ND	67	"	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	67	"	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	67	"	"	"	"	"	"	U
Benzo (a) pyrene	ND	67	"	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND	67	"	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND	67	"	"	"	"	"	"	U
Benzo (g,h,i) perylene	ND	67	"	"	"	"	"	"	U
Surrogate: Nitrobenzene-d5		*67.1 %*	*50-98*		*"*	*"*	*"*	*"*	
Surrogate: 2-Fluorobiphenyl		*77.6 %*	*49-98*		*"*	*"*	*"*	*"*	
Surrogate: Terphenyl-d14		*146 %*	*43-108*		*"*	*"*	*"*	*"*	*G*
BH04 (8-10) (7F11007-08) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
naphthalene	ND	67	ug/kg dry	1	AF71303	06/13/07	06/16/07	8270	U
Acenaphthylene	ND	67	"	"	"	"	"	"	U
acenaphthene	ND	67	"	"	"	"	"	"	U
fluorene	ND	67	"	"	"	"	"	"	U
phenanthrene	**312**	67	"	"	"	"	"	"	
anthracene	ND	67	"	"	"	"	"	"	U
fluoranthene	**519**	67	"	"	"	"	"	"	
pyrene	**706**	67	"	"	"	"	"	"	
Benzo (a) anthracene	**271**	67	"	"	"	"	"	"	
chrysene	**286**	67	"	"	"	"	"	"	
Benzo (b) fluoranthene	**514**	67	"	"	"	"	"	"	
Benzo (k) fluoranthene	**268**	67	"	"	"	"	"	"	
Benzo (a) pyrene	**327**	67	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	**102**	67	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	67	"	"	"	"	"	"	U
Benzo (g,h,i) perylene	ND	67	"	"	"	"	"	"	U
Surrogate: Nitrobenzene-d5		*90.3 %*	*50-98*		*"*	*"*	*"*	*"*	
Surrogate: 2-Fluorobiphenyl		*87.3 %*	*49-98*		*"*	*"*	*"*	*"*	
Surrogate: Terphenyl-d14		*148 %*	*43-108*		*"*	*"*	*"*	*"*	*G*

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH06 (10-12) (7F11007-10) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
N-Nitrosodimethylamine	ND	67	ug/kg dry	1	AF71303	06/13/07	06/15/07	8270	U
bis(2-chloroethyl)ether	ND	67	"	"	"	"	"	"	U
phenol	ND	130	"	"	"	"	"	"	U
2-chlorophenol	ND	130	"	"	"	"	"	"	U
1,3-dichlorobenzene	ND	67	"	"	"	"	"	"	U
1,4-dichlorobenzene	ND	67	"	"	"	"	"	"	U
1,2-dichlorobenzene	ND	67	"	"	"	"	"	"	U
benzyl alcohol	ND	67	"	"	"	"	"	"	U
bis(2-chloroisopropyl)ether	ND	67	"	"	"	"	"	"	U
2-methylphenol	ND	67	"	"	"	"	"	"	U
hexachloroethane	ND	67	"	"	"	"	"	"	U
N-Nitrosodi-n-propylamine	ND	67	"	"	"	"	"	"	U
3 & 4-methylphenol	ND	130	"	"	"	"	"	"	U
nitrobenzene	ND	67	"	"	"	"	"	"	U
isophorone	ND	67	"	"	"	"	"	"	U
2-nitrophenol	ND	130	"	"	"	"	"	"	U
2,4-dimethylphenol	ND	130	"	"	"	"	"	"	U
Bis(2-chloroethoxy)methane	ND	67	"	"	"	"	"	"	U
benzoic acid	ND	330	"	"	"	"	"	"	U
2,4-dichlorophenol	ND	130	"	"	"	"	"	"	U
1,2,4-trichlorobenzene	ND	67	"	"	"	"	"	"	U
naphthalene	ND	67	"	"	"	"	"	"	U
4-chloroaniline	ND	67	"	"	"	"	"	"	U
hexachlorobutadiene	ND	67	"	"	"	"	"	"	U
4-chloro-3-methylphenol	ND	130	"	"	"	"	"	"	U
2-methylnaphthalene	ND	67	"	"	"	"	"	"	U
hexachlorocyclopentadiene	ND	130	"	"	"	"	"	"	U
2,4,6-trichlorophenol	ND	130	"	"	"	"	"	"	U
2,4,5-trichlorophenol	ND	67	"	"	"	"	"	"	U
2-chloronaphthalene	ND	67	"	"	"	"	"	"	U
2-nitroaniline	ND	67	"	"	"	"	"	"	U
acenaphthylene	ND	67	"	"	"	"	"	"	U
Dimethyl phthalate	ND	67	"	"	"	"	"	"	U
2,6-dinitrotoluene	ND	67	"	"	"	"	"	"	U
acenaphthene	ND	67	"	"	"	"	"	"	U
3-nitroaniline	ND	67	"	"	"	"	"	"	U
2,4-dinitrophenol	ND	130	"	"	"	"	"	"	U
dibenzofuran	ND	67	"	"	"	"	"	"	U
2,4-dinitrotoluene	ND	67	"	"	"	"	"	"	U
4-nitrophenol	ND	130	"	"	"	"	"	"	U
fluorene	ND	67	"	"	"	"	"	"	U
4-Chlorophenyl phenyl ether	ND	67	"	"	"	"	"	"	U

Lender Consulting Service	Project: New York State Projects	
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Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH06 (10-12) (7F11007-10) Soil	**Sampled: 06/07/07 00:00**	**Received: 06/11/07 14:30**							
Diethyl phthalate	ND	67	ug/kg dry	1	AF71303	06/13/07	06/15/07	8270	U
4-nitroaniline	ND	67	"	"	"	"	"	"	U
4,6-Dinitro-2-methylphenol	ND	130	"	"	"	"	"	"	U
n-nitrosodiphenylamine	ND	67	"	"	"	"	"	"	U
4-bromophenylphenylether	ND	67	"	"	"	"	"	"	U
hexachlorobenzene	ND	67	"	"	"	"	"	"	U
pentachlorophenol	ND	130	"	"	"	"	"	"	U
phenanthrene	ND	67	"	"	"	"	"	"	U
anthracene	ND	67	"	"	"	"	"	"	U
carbazole	ND	67	"	"	"	"	"	"	U
Di-n-butyl phthalate	ND	67	"	"	"	"	"	"	U
benzidine	ND	330	"	"	"	"	"	"	U
fluoranthene	ND	67	"	"	"	"	"	"	U
3,3´-Dichlorobenzidine	ND	67	"	"	"	"	"	"	U
pyrene	ND	67	"	"	"	"	"	"	U
Butyl benzyl phthalate	ND	67	"	"	"	"	"	"	U
Benzo (a) anthracene	ND	67	"	"	"	"	"	"	U
chrysene	ND	67	"	"	"	"	"	"	U
bis(2-ethylhexyl)phthalate	ND	67	"	"	"	"	"	"	U
Di-n-octyl phthalate	ND	67	"	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	67	"	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	67	"	"	"	"	"	"	U
Benzo (a) pyrene	ND	67	"	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND	67	"	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND	67	"	"	"	"	"	"	U
Benzo (g,h,i) perylene	ND	67	"	"	"	"	"	"	U
Surrogate: 2-Fluorophenol		*82.4 %*	*40-103*		*"*	*"*	*"*	*"*	
Surrogate: Phenol-d6		*94.6 %*	*43-108*		*"*	*"*	*"*	*"*	
Surrogate: Nitrobenzene-d5		*82.2 %*	*50-98*		*"*	*"*	*"*	*"*	
Surrogate: 2-Fluorobiphenyl		*88.8 %*	*49-98*		*"*	*"*	*"*	*"*	
Surrogate: 2,4,6-Tribromophenol		*65.0 %*	*52-112*		*"*	*"*	*"*	*"*	
Surrogate: Terphenyl-d14		*150 %*	*43-108*		*"*	*"*	*"*	*"*	*G*

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH07(14-15) (7F11007-12) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
N-Nitrosodimethylamine	ND	67	ug/kg dry	1	AF71303	06/13/07	06/15/07	8270	U
bis(2-chloroethyl)ether	ND	67	"	"	"	"	"	"	U
phenol	ND	130	"	"	"	"	"	"	U
2-chlorophenol	ND	130	"	"	"	"	"	"	U
1,3-dichlorobenzene	ND	67	"	"	"	"	"	"	U
1,4-dichlorobenzene	ND	67	"	"	"	"	"	"	U
1,2-dichlorobenzene	ND	67	"	"	"	"	"	"	U
benzyl alcohol	ND	67	"	"	"	"	"	"	U
bis(2-chloroisopropyl)ether	ND	67	"	"	"	"	"	"	U
2-methylphenol	ND	67	"	"	"	"	"	"	U
hexachloroethane	ND	67	"	"	"	"	"	"	U
N-Nitrosodi-n-propylamine	ND	67	"	"	"	"	"	"	U
3 & 4-methylphenol	ND	130	"	"	"	"	"	"	U
nitrobenzene	ND	67	"	"	"	"	"	"	U
isophorone	ND	67	"	"	"	"	"	"	U
2-nitrophenol	ND	130	"	"	"	"	"	"	U
2,4-dimethylphenol	ND	130	"	"	"	"	"	"	U
Bis(2-chloroethoxy)methane	ND	67	"	"	"	"	"	"	U
benzoic acid	ND	330	"	"	"	"	"	"	U
2,4-dichlorophenol	ND	130	"	"	"	"	"	"	U
1,2,4-trichlorobenzene	ND	67	"	"	"	"	"	"	U
naphthalene	ND	67	"	"	"	"	"	"	U
4-chloroaniline	ND	67	"	"	"	"	"	"	U
hexachlorobutadiene	ND	67	"	"	"	"	"	"	U
4-chloro-3-methylphenol	ND	130	"	"	"	"	"	"	U
2-methylnaphthalene	ND	67	"	"	"	"	"	"	U
hexachlorocyclopentadiene	ND	130	"	"	"	"	"	"	U
2,4,6-trichlorophenol	ND	130	"	"	"	"	"	"	U
2,4,5-trichlorophenol	ND	67	"	"	"	"	"	"	U
2-chloronaphthalene	ND	67	"	"	"	"	"	"	U
2-nitroaniline	ND	67	"	"	"	"	"	"	U
acenaphthylene	ND	67	"	"	"	"	"	"	U
Dimethyl phthalate	ND	67	"	"	"	"	"	"	U
2,6-dinitrotoluene	ND	67	"	"	"	"	"	"	U
acenaphthene	ND	67	"	"	"	"	"	"	U
3-nitroaniline	ND	67	"	"	"	"	"	"	U
2,4-dinitrophenol	ND	130	"	"	"	"	"	"	U
dibenzofuran	ND	67	"	"	"	"	"	"	U
2,4-dinitrotoluene	ND	67	"	"	"	"	"	"	U
4-nitrophenol	ND	130	"	"	"	"	"	"	U
fluorene	ND	67	"	"	"	"	"	"	U
4-Chlorophenyl phenyl ether	ND	67	"	"	"	"	"	"	U

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH07(14-15) (7F11007-12) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
Diethyl phthalate	ND	67	ug/kg dry	1	AF71303	06/13/07	06/15/07	8270	U
4-nitroaniline	ND	67	"	"	"	"	"	"	U
4,6-Dinitro-2-methylphenol	ND	130	"	"	"	"	"	"	U
n-nitrosodiphenylamine	ND	67	"	"	"	"	"	"	U
4-bromophenylphenylether	ND	67	"	"	"	"	"	"	U
hexachlorobenzene	ND	67	"	"	"	"	"	"	U
pentachlorophenol	ND	130	"	"	"	"	"	"	U
phenanthrene	ND	67	"	"	"	"	"	"	U
anthracene	ND	67	"	"	"	"	"	"	U
carbazole	ND	67	"	"	"	"	"	"	U
Di-n-butyl phthalate	ND	67	"	"	"	"	"	"	U
benzidine	ND	330	"	"	"	"	"	"	U
fluoranthene	ND	67	"	"	"	"	"	"	U
3,3´-Dichlorobenzidine	ND	67	"	"	"	"	"	"	U
pyrene	ND	67	"	"	"	"	"	"	U
Butyl benzyl phthalate	ND	67	"	"	"	"	"	"	U
Benzo (a) anthracene	ND	67	"	"	"	"	"	"	U
chrysene	ND	67	"	"	"	"	"	"	U
bis(2-ethylhexyl)phthalate	ND	67	"	"	"	"	"	"	U
Di-n-octyl phthalate	ND	67	"	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	67	"	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	67	"	"	"	"	"	"	U
Benzo (a) pyrene	ND	67	"	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND	67	"	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND	67	"	"	"	"	"	"	U
Benzo (g,h,i) perylene	ND	67	"	"	"	"	"	"	U
Surrogate: 2-Fluorophenol		*61.2 %*	*40-103*		*"*	*"*	*"*	*"*	
Surrogate: Phenol-d6		*67.4 %*	*43-108*		*"*	*"*	*"*	*"*	
Surrogate: Nitrobenzene-d5		*61.7 %*	*50-98*		*"*	*"*	*"*	*"*	
Surrogate: 2-Fluorobiphenyl		*80.4 %*	*49-98*		*"*	*"*	*"*	*"*	
Surrogate: 2,4,6-Tribromophenol		*63.1 %*	*52-112*		*"*	*"*	*"*	*"*	
Surrogate: Terphenyl-d14		*161 %*	*43-108*		*"*	*"*	*"*	*"*	*G*

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH08 (8-10) (7F11007-14) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
N-Nitrosodimethylamine	ND	67	ug/kg dry	1	AF71303	06/13/07	06/15/07	8270	U
bis(2-chloroethyl)ether	ND	67	"	"	"	"	"	"	U
phenol	ND	130	"	"	"	"	"	"	U
2-chlorophenol	ND	130	"	"	"	"	"	"	U
1,3-dichlorobenzene	ND	67	"	"	"	"	"	"	U
1,4-dichlorobenzene	ND	67	"	"	"	"	"	"	U
1,2-dichlorobenzene	ND	67	"	"	"	"	"	"	U
benzyl alcohol	ND	67	"	"	"	"	"	"	U
bis(2-chloroisopropyl)ether	ND	67	"	"	"	"	"	"	U
2-methylphenol	ND	67	"	"	"	"	"	"	U
hexachloroethane	ND	67	"	"	"	"	"	"	U
N-Nitrosodi-n-propylamine	ND	67	"	"	"	"	"	"	U
3 & 4-methylphenol	ND	130	"	"	"	"	"	"	U
nitrobenzene	ND	67	"	"	"	"	"	"	U
isophorone	ND	67	"	"	"	"	"	"	U
2-nitrophenol	ND	130	"	"	"	"	"	"	U
2,4-dimethylphenol	ND	130	"	"	"	"	"	"	U
Bis(2-chloroethoxy)methane	ND	67	"	"	"	"	"	"	U
benzoic acid	ND	330	"	"	"	"	"	"	U
2,4-dichlorophenol	ND	130	"	"	"	"	"	"	U
1,2,4-trichlorobenzene	ND	67	"	"	"	"	"	"	U
naphthalene	ND	67	"	"	"	"	"	"	U
4-chloroaniline	ND	67	"	"	"	"	"	"	U
hexachlorobutadiene	ND	67	"	"	"	"	"	"	U
4-chloro-3-methylphenol	ND	130	"	"	"	"	"	"	U
2-methylnaphthalene	ND	67	"	"	"	"	"	"	U
hexachlorocyclopentadiene	ND	130	"	"	"	"	"	"	U
2,4,6-trichlorophenol	ND	130	"	"	"	"	"	"	U
2,4,5-trichlorophenol	ND	67	"	"	"	"	"	"	U
2-chloronaphthalene	ND	67	"	"	"	"	"	"	U
2-nitroaniline	ND	67	"	"	"	"	"	"	U
acenaphthylene	ND	67	"	"	"	"	"	"	U
Dimethyl phthalate	ND	67	"	"	"	"	"	"	U
2,6-dinitrotoluene	ND	67	"	"	"	"	"	"	U
acenaphthene	ND	67	"	"	"	"	"	"	U
3-nitroaniline	ND	67	"	"	"	"	"	"	U
2,4-dinitrophenol	ND	130	"	"	"	"	"	"	U
dibenzofuran	ND	67	"	"	"	"	"	"	U
2,4-dinitrotoluene	ND	67	"	"	"	"	"	"	U
4-nitrophenol	ND	130	"	"	"	"	"	"	U
fluorene	ND	67	"	"	"	"	"	"	U
4-Chlorophenyl phenyl ether	ND	67	"	"	"	"	"	"	U

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

BH08 (8-10) (7F11007-14) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Diethyl phthalate	ND	67	ug/kg dry	1	AF71303	06/13/07	06/15/07	8270	U
4-nitroaniline	ND	67	"	"	"	"	"	"	U
4,6-Dinitro-2-methylphenol	ND	130	"	"	"	"	"	"	U
n-nitrosodiphenylamine	ND	67	"	"	"	"	"	"	U
4-bromophenylphenylether	ND	67	"	"	"	"	"	"	U
hexachlorobenzene	ND	67	"	"	"	"	"	"	U
pentachlorophenol	ND	130	"	"	"	"	"	"	U
phenanthrene	ND	67	"	"	"	"	"	"	U
anthracene	ND	67	"	"	"	"	"	"	U
carbazole	ND	67	"	"	"	"	"	"	U
Di-n-butyl phthalate	ND	67	"	"	"	"	"	"	U
benzidine	ND	330	"	"	"	"	"	"	U
fluoranthene	ND	67	"	"	"	"	"	"	U
3,3´-Dichlorobenzidine	ND	67	"	"	"	"	"	"	U
pyrene	ND	67	"	"	"	"	"	"	U
Butyl benzyl phthalate	ND	67	"	"	"	"	"	"	U
Benzo (a) anthracene	ND	67	"	"	"	"	"	"	U
chrysene	ND	67	"	"	"	"	"	"	U
bis(2-ethylhexyl)phthalate	ND	67	"	"	"	"	"	"	U
Di-n-octyl phthalate	ND	67	"	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	67	"	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	67	"	"	"	"	"	"	U
Benzo (a) pyrene	ND	67	"	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND	67	"	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND	67	"	"	"	"	"	"	U
Benzo (g,h,i) perylene	ND	67	"	"	"	"	"	"	U
Surrogate: 2-Fluorophenol		*63.2 %*	*40-103*		*"*	*"*	*"*	*"*	
Surrogate: Phenol-d6		*74.5 %*	*43-108*		*"*	*"*	*"*	*"*	
Surrogate: Nitrobenzene-d5		*62.8 %*	*50-98*		*"*	*"*	*"*	*"*	
Surrogate: 2-Fluorobiphenyl		*77.4 %*	*49-98*		*"*	*"*	*"*	*"*	
Surrogate: 2,4,6-Tribromophenol		*60.6 %*	*52-112*		*"*	*"*	*"*	*"*	
Surrogate: Terphenyl-d14		*150 %*	*43-108*		*"*	*"*	*"*	*"*	*G*

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH09 (8-10) (7F11007-16) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
N-Nitrosodimethylamine	ND	67	ug/kg dry	1	AF71303	06/13/07	06/18/07	8270	U
bis(2-chloroethyl)ether	ND	67	"	"	"	"	"	"	U
phenol	ND	130	"	"	"	"	"	"	U
2-chlorophenol	ND	130	"	"	"	"	"	"	U
1,3-dichlorobenzene	ND	67	"	"	"	"	"	"	U
1,4-dichlorobenzene	ND	67	"	"	"	"	"	"	U
1,2-dichlorobenzene	ND	67	"	"	"	"	"	"	U
benzyl alcohol	ND	67	"	"	"	"	"	"	U
bis(2-chloroisopropyl)ether	ND	67	"	"	"	"	"	"	U
2-methylphenol	ND	67	"	"	"	"	"	"	U
hexachloroethane	ND	67	"	"	"	"	"	"	U
N-Nitrosodi-n-propylamine	ND	67	"	"	"	"	"	"	U
3 & 4-methylphenol	ND	130	"	"	"	"	"	"	U
nitrobenzene	ND	67	"	"	"	"	"	"	U
isophorone	ND	67	"	"	"	"	"	"	U
2-nitrophenol	ND	130	"	"	"	"	"	"	U
2,4-dimethylphenol	ND	130	"	"	"	"	"	"	U
Bis(2-chloroethoxy)methane	ND	67	"	"	"	"	"	"	U
benzoic acid	ND	330	"	"	"	"	"	"	U
2,4-dichlorophenol	ND	130	"	"	"	"	"	"	U
1,2,4-trichlorobenzene	ND	67	"	"	"	"	"	"	U
naphthalene	ND	67	"	"	"	"	"	"	U
4-chloroaniline	ND	67	"	"	"	"	"	"	U
hexachlorobutadiene	ND	67	"	"	"	"	"	"	U
4-chloro-3-methylphenol	ND	130	"	"	"	"	"	"	U
2-methylnaphthalene	ND	67	"	"	"	"	"	"	U
hexachlorocyclopentadiene	ND	130	"	"	"	"	"	"	U
2,4,6-trichlorophenol	ND	130	"	"	"	"	"	"	U
2,4,5-trichlorophenol	ND	67	"	"	"	"	"	"	U
2-chloronaphthalene	ND	67	"	"	"	"	"	"	U
2-nitroaniline	ND	67	"	"	"	"	"	"	U
acenaphthylene	ND	67	"	"	"	"	"	"	U
Dimethyl phthalate	ND	67	"	"	"	"	"	"	U
2,6-dinitrotoluene	ND	67	"	"	"	"	"	"	U
acenaphthene	ND	67	"	"	"	"	"	"	U
3-nitroaniline	ND	67	"	"	"	"	"	"	U
2,4-dinitrophenol	ND	130	"	"	"	"	"	"	U
dibenzofuran	ND	67	"	"	"	"	"	"	U
2,4-dinitrotoluene	ND	67	"	"	"	"	"	"	U
4-nitrophenol	ND	130	"	"	"	"	"	"	U
fluorene	ND	67	"	"	"	"	"	"	U
4-Chlorophenyl phenyl ether	ND	67	"	"	"	"	"	"	U

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH09 (8-10) (7F11007-16) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
Diethyl phthalate	ND	67	ug/kg dry	1	AF71303	06/13/07	06/18/07	8270	U
4-nitroaniline	ND	67	"	"	"	"	"	"	U
4,6-Dinitro-2-methylphenol	ND	130	"	"	"	"	"	"	U
n-nitrosodiphenylamine	ND	67	"	"	"	"	"	"	U
4-bromophenylphenylether	ND	67	"	"	"	"	"	"	U
hexachlorobenzene	ND	67	"	"	"	"	"	"	U
pentachlorophenol	ND	130	"	"	"	"	"	"	U
phenanthrene	ND	67	"	"	"	"	"	"	U
anthracene	ND	67	"	"	"	"	"	"	U
carbazole	ND	67	"	"	"	"	"	"	U
Di-n-butyl phthalate	ND	67	"	"	"	"	"	"	U
benzidine	ND	330	"	"	"	"	"	"	U
fluoranthene	ND	67	"	"	"	"	"	"	U
3,3´-Dichlorobenzidine	ND	67	"	"	"	"	"	"	U
pyrene	ND	67	"	"	"	"	"	"	U
Butyl benzyl phthalate	ND	67	"	"	"	"	"	"	U
Benzo (a) anthracene	ND	67	"	"	"	"	"	"	U
chrysene	ND	67	"	"	"	"	"	"	U
bis(2-ethylhexyl)phthalate	ND	67	"	"	"	"	"	"	U
Di-n-octyl phthalate	ND	67	"	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	67	"	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	67	"	"	"	"	"	"	U
Benzo (a) pyrene	ND	67	"	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND	67	"	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND	67	"	"	"	"	"	"	U
Benzo (g,h,i) perylene	ND	67	"	"	"	"	"	"	U
Surrogate: 2-Fluorophenol		*77.9 %*	*40-103*		*"*	*"*	*"*	*"*	
Surrogate: Phenol-d6		*95.4 %*	*43-108*		*"*	*"*	*"*	*"*	
Surrogate: Nitrobenzene-d5		*81.0 %*	*50-98*		*"*	*"*	*"*	*"*	
Surrogate: 2-Fluorobiphenyl		*84.9 %*	*49-98*		*"*	*"*	*"*	*"*	
Surrogate: 2,4,6-Tribromophenol		*75.7 %*	*52-112*		*"*	*"*	*"*	*"*	
Surrogate: Terphenyl-d14		*114 %*	*43-108*		*"*	*"*	*"*	*"*	*G*

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPMW 1 (7F11007-17) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
n-nitrosodimethylamine	ND	2	ug/l	1	AF71207	06/12/07	06/13/07	8270	U
bis(2-Chloroethyl)ether	ND	2	"	"	"	"	"	"	U
Phenol	ND	4	"	"	"	"	"	"	U
2-Chlorophenol	ND	4	"	"	"	"	"	"	U
1,3-Dichlorobenzene	ND	2	"	"	"	"	"	"	U
1,4-Dichlorobenzene	ND	2	"	"	"	"	"	"	U
1,2-Dichlorobenzene	ND	2	"	"	"	"	"	"	U
Benzyl alcohol	ND	2	"	"	"	"	"	"	U
bis(2-chloroisopropyl)ether	ND	2	"	"	"	"	"	"	U
2-Methylphenol	ND	2	"	"	"	"	"	"	U
Hexachloroethane	ND	2	"	"	"	"	"	"	U
N-Nitrosodi-n-propylamine	ND	2	"	"	"	"	"	"	U
3 & 4-methylphenol	ND	4	"	"	"	"	"	"	U
Nitrobenzene	ND	2	"	"	"	"	"	"	U
Isophorone	ND	2	"	"	"	"	"	"	U
2-Nitrophenol	ND	4	"	"	"	"	"	"	U
2,4-Dimethylphenol	ND	4	"	"	"	"	"	"	U
Bis(2-chloroethoxy)methane	ND	2	"	"	"	"	"	"	U
Benzoic acid	ND	10	"	"	"	"	"	"	U
2,4-Dichlorophenol	ND	4	"	"	"	"	"	"	U
1,2,4-Trichlorobenzene	ND	2	"	"	"	"	"	"	U
Naphthalene	ND	2	"	"	"	"	"	"	U
3,3'-Dichlorobenzidine	ND	2	"	"	"	"	"	"	U
4-Chloroaniline	ND	2	"	"	"	"	"	"	U
Hexachlorobutadiene	ND	2	"	"	"	"	"	"	U
4-Chloro-3-methylphenol	ND	4	"	"	"	"	"	"	U
2-Methylnaphthalene	ND	2	"	"	"	"	"	"	U
Hexachlorocyclopentadiene	ND	4	"	"	"	"	"	"	U
2,4,6-Trichlorophenol	ND	4	"	"	"	"	"	"	U
2,4,5-Trichlorophenol	ND	2	"	"	"	"	"	"	U
2-Chloronaphthalene	ND	2	"	"	"	"	"	"	U
2-Nitroaniline	ND	2	"	"	"	"	"	"	U
Acenaphthylene	ND	2	"	"	"	"	"	"	U
Dimethyl phthalate	ND	2	"	"	"	"	"	"	U
2,6-Dinitrotoluene	ND	2	"	"	"	"	"	"	U
Acenaphthene	ND	2	"	"	"	"	"	"	U
3-Nitroaniline	ND	2	"	"	"	"	"	"	U
2,4-Dinitrophenol	ND	4	"	"	"	"	"	"	U
Dibenzofuran	ND	2	"	"	"	"	"	"	U
2,4-Dinitrotoluene	ND	2	"	"	"	"	"	"	U
4-Nitrophenol	ND	4	"	"	"	"	"	"	U
Fluorene	ND	2	"	"	"	"	"	"	U

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPMW 1 (7F11007-17) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
4-Chlorophenyl phenyl ether	ND	2	ug/l	1	AF71207	06/12/07	06/13/07	8270	U
Diethyl phthalate	ND	2	"	"	"	"	"	"	U
4-Nitroaniline	ND	2	"	"	"	"	"	"	U
4,6-Dinitro-2-methylphenol	ND	4	"	"	"	"	"	"	U
n-Nitrosodiphenylamine	ND	2	"	"	"	"	"	"	U
4-bromophenylphenylether	ND	2	"	"	"	"	"	"	U
Hexachlorobenzene	ND	2	"	"	"	"	"	"	U
Pentachlorophenol	ND	4	"	"	"	"	"	"	U
Phenanthrene	**5**	2	"	"	"	"	"	"	
Anthracene	ND	2	"	"	"	"	"	"	U
Carbazole	ND	2	"	"	"	"	"	"	U
Di-n-butyl phthalate	ND	2	"	"	"	"	"	"	U
Benzidine	ND	10	"	"	"	"	"	"	U
Fluoranthene	ND	2	"	"	"	"	"	"	U
Pyrene	ND	2	"	"	"	"	"	"	U
Butyl benzyl phthalate	ND	2	"	"	"	"	"	"	U
Benzo (a) anthracene	ND	2	"	"	"	"	"	"	U
Chrysene	ND	2	"	"	"	"	"	"	U
bis(2-Ethylhexyl)phthalate	**3**	2	"	"	"	"	"	"	B
Di-n-octyl phthalate	ND	2	"	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	2	"	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	2	"	"	"	"	"	"	U
Benzo (a) pyrene	ND	2	"	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND	2	"	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND	2	"	"	"	"	"	"	U
Benzo (g,h,i) perylene	ND	2	"	"	"	"	"	"	U
Surrogate: 2-Fluorophenol		*34.8 %*	*19-54*		*"*	*"*	*"*	*"*	
Surrogate: Phenol-d6		*21.8 %*	*13-35*		*"*	*"*	*"*	*"*	
Surrogate: Nitrobenzene-d5		*65.4 %*	*47-106*		*"*	*"*	*"*	*"*	
Surrogate: 2-Fluorobiphenyl		*69.1 %*	*46-106*		*"*	*"*	*"*	*"*	
Surrogate: 2,4,6-Tribromophenol		*62.7 %*	*62-114*		*"*	*"*	*"*	*"*	
Surrogate: Terphenyl-d14		*94.1 %*	*34-119*		*"*	*"*	*"*	*"*	

Lender Consulting Service P.O. Box 406 Buffalo NY, 14205	Project: New York State Projects Project Number: 915 Cleveland Dr. 06B3027.22 Project Manager: Doug Reid	**Reported:** 06/18/07 16:59

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPMW 2 (7F11007-18) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
n-nitrosodimethylamine	ND	2	ug/l	1	AF71207	06/12/07	06/13/07	8270	U
bis(2-Chloroethyl)ether	ND	2	"	"	"	"	"	"	U
Phenol	ND	4	"	"	"	"	"	"	U
2-Chlorophenol	ND	4	"	"	"	"	"	"	U
1,3-Dichlorobenzene	ND	2	"	"	"	"	"	"	U
1,4-Dichlorobenzene	ND	2	"	"	"	"	"	"	U
1,2-Dichlorobenzene	ND	2	"	"	"	"	"	"	U
Benzyl alcohol	ND	2	"	"	"	"	"	"	U
bis(2-chloroisopropyl)ether	ND	2	"	"	"	"	"	"	U
2-Methylphenol	ND	2	"	"	"	"	"	"	U
Hexachloroethane	ND	2	"	"	"	"	"	"	U
N-Nitrosodi-n-propylamine	ND	2	"	"	"	"	"	"	U
3 & 4-methylphenol	ND	4	"	"	"	"	"	"	U
Nitrobenzene	ND	2	"	"	"	"	"	"	U
Isophorone	ND	2	"	"	"	"	"	"	U
2-Nitrophenol	ND	4	"	"	"	"	"	"	U
2,4-Dimethylphenol	ND	4	"	"	"	"	"	"	U
Bis(2-chloroethoxy)methane	ND	2	"	"	"	"	"	"	U
Benzoic acid	ND	10	"	"	"	"	"	"	U
2,4-Dichlorophenol	ND	4	"	"	"	"	"	"	U
1,2,4-Trichlorobenzene	ND	2	"	"	"	"	"	"	U
Naphthalene	ND	2	"	"	"	"	"	"	U
3,3'-Dichlorobenzidine	ND	2	"	"	"	"	"	"	U
4-Chloroaniline	ND	2	"	"	"	"	"	"	U
Hexachlorobutadiene	ND	2	"	"	"	"	"	"	U
4-Chloro-3-methylphenol	ND	4	"	"	"	"	"	"	U
2-Methylnaphthalene	ND	2	"	"	"	"	"	"	U
Hexachlorocyclopentadiene	ND	4	"	"	"	"	"	"	U
2,4,6-Trichlorophenol	ND	4	"	"	"	"	"	"	U
2,4,5-Trichlorophenol	ND	2	"	"	"	"	"	"	U
2-Chloronaphthalene	ND	2	"	"	"	"	"	"	U
2-Nitroaniline	ND	2	"	"	"	"	"	"	U
Acenaphthylene	ND	2	"	"	"	"	"	"	U
Dimethyl phthalate	ND	2	"	"	"	"	"	"	U
2,6-Dinitrotoluene	ND	2	"	"	"	"	"	"	U
Acenaphthene	ND	2	"	"	"	"	"	"	U
3-Nitroaniline	ND	2	"	"	"	"	"	"	U
2,4-Dinitrophenol	ND	4	"	"	"	"	"	"	U
Dibenzofuran	ND	2	"	"	"	"	"	"	U
2,4-Dinitrotoluene	ND	2	"	"	"	"	"	"	U
4-Nitrophenol	ND	4	"	"	"	"	"	"	U
Fluorene	ND	2	"	"	"	"	"	"	U

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPMW 2 (7F11007-18) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
4-Chlorophenyl phenyl ether	ND	2	ug/l	1	AF71207	06/12/07	06/13/07	8270	U
Diethyl phthalate	ND	2	"	"	"	"	"	"	U
4-Nitroaniline	ND	2	"	"	"	"	"	"	U
4,6-Dinitro-2-methylphenol	ND	4	"	"	"	"	"	"	U
n-Nitrosodiphenylamine	ND	2	"	"	"	"	"	"	U
4-bromophenylphenylether	ND	2	"	"	"	"	"	"	U
Hexachlorobenzene	ND	2	"	"	"	"	"	"	U
Pentachlorophenol	ND	4	"	"	"	"	"	"	U
Phenanthrene	ND	2	"	"	"	"	"	"	U
Anthracene	ND	2	"	"	"	"	"	"	U
Carbazole	ND	2	"	"	"	"	"	"	U
Di-n-butyl phthalate	ND	2	"	"	"	"	"	"	U
Benzidine	ND	10	"	"	"	"	"	"	U
Fluoranthene	ND	2	"	"	"	"	"	"	U
Pyrene	ND	2	"	"	"	"	"	"	U
Butyl benzyl phthalate	ND	2	"	"	"	"	"	"	U
Benzo (a) anthracene	ND	2	"	"	"	"	"	"	U
Chrysene	ND	2	"	"	"	"	"	"	U
bis(2-Ethylhexyl)phthalate	ND	2	"	"	"	"	"	"	U
Di-n-octyl phthalate	ND	2	"	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	2	"	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	2	"	"	"	"	"	"	U
Benzo (a) pyrene	ND	2	"	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND	2	"	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND	2	"	"	"	"	"	"	U
Benzo (g,h,i) perylene	ND	2	"	"	"	"	"	"	U
Surrogate: 2-Fluorophenol		*35.1 %*	*19-54*		"	"	"	"	
Surrogate: Phenol-d6		*25.5 %*	*13-35*		"	"	"	"	
Surrogate: Nitrobenzene-d5		*67.5 %*	*47-106*		"	"	"	"	
Surrogate: 2-Fluorobiphenyl		*74.0 %*	*46-106*		"	"	"	"	
Surrogate: 2,4,6-Tribromophenol		*67.9 %*	*62-114*		"	"	"	"	
Surrogate: Terphenyl-d14		*106 %*	*34-119*		"	"	"	"	

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

TPMW 3 (7F11007-19) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
n-nitrosodimethylamine	ND	2	ug/l	1	AF71207	06/12/07	06/13/07	8270	U
bis(2-Chloroethyl)ether	ND	2	"	"	"	"	"	"	U
Phenol	ND	4	"	"	"	"	"	"	U
2-Chlorophenol	ND	4	"	"	"	"	"	"	U
1,3-Dichlorobenzene	ND	2	"	"	"	"	"	"	U
1,4-Dichlorobenzene	ND	2	"	"	"	"	"	"	U
1,2-Dichlorobenzene	ND	2	"	"	"	"	"	"	U
Benzyl alcohol	ND	2	"	"	"	"	"	"	U
bis(2-chloroisopropyl)ether	ND	2	"	"	"	"	"	"	U
2-Methylphenol	ND	2	"	"	"	"	"	"	U
Hexachloroethane	ND	2	"	"	"	"	"	"	U
N-Nitrosodi-n-propylamine	ND	2	"	"	"	"	"	"	U
3 & 4-methylphenol	ND	4	"	"	"	"	"	"	U
Nitrobenzene	ND	2	"	"	"	"	"	"	U
Isophorone	ND	2	"	"	"	"	"	"	U
2-Nitrophenol	ND	4	"	"	"	"	"	"	U
2,4-Dimethylphenol	ND	4	"	"	"	"	"	"	U
Bis(2-chloroethoxy)methane	ND	2	"	"	"	"	"	"	U
Benzoic acid	ND	10	"	"	"	"	"	"	U
2,4-Dichlorophenol	ND	4	"	"	"	"	"	"	U
1,2,4-Trichlorobenzene	ND	2	"	"	"	"	"	"	U
Naphthalene	ND	2	"	"	"	"	"	"	U
3,3'-Dichlorobenzidine	ND	2	"	"	"	"	"	"	U
4-Chloroaniline	ND	2	"	"	"	"	"	"	U
Hexachlorobutadiene	ND	2	"	"	"	"	"	"	U
4-Chloro-3-methylphenol	ND	4	"	"	"	"	"	"	U
2-Methylnaphthalene	ND	2	"	"	"	"	"	"	U
Hexachlorocyclopentadiene	ND	4	"	"	"	"	"	"	U
2,4,6-Trichlorophenol	ND	4	"	"	"	"	"	"	U
2,4,5-Trichlorophenol	ND	2	"	"	"	"	"	"	U
2-Chloronaphthalene	ND	2	"	"	"	"	"	"	U
2-Nitroaniline	ND	2	"	"	"	"	"	"	U
Acenaphthylene	ND	2	"	"	"	"	"	"	U
Dimethyl phthalate	ND	2	"	"	"	"	"	"	U
2,6-Dinitrotoluene	ND	2	"	"	"	"	"	"	U
Acenaphthene	ND	2	"	"	"	"	"	"	U
3-Nitroaniline	ND	2	"	"	"	"	"	"	U
2,4-Dinitrophenol	ND	4	"	"	"	"	"	"	U
Dibenzofuran	ND	2	"	"	"	"	"	"	U
2,4-Dinitrotoluene	ND	2	"	"	"	"	"	"	U
4-Nitrophenol	ND	4	"	"	"	"	"	"	U
Fluorene	ND	2	"	"	"	"	"	"	U

Lender Consulting Service	Project:	New York State Projects	
P.O. Box 406	Project Number:	915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager:	Doug Reid	06/18/07 16:59

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPMW 3 (7F11007-19) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
4-Chlorophenyl phenyl ether	ND	2	ug/l	1	AF71207	06/12/07	06/13/07	8270	U
Diethyl phthalate	ND	2	"	"	"	"	"	"	U
4-Nitroaniline	ND	2	"	"	"	"	"	"	U
4,6-Dinitro-2-methylphenol	ND	4	"	"	"	"	"	"	U
n-Nitrosodiphenylamine	ND	2	"	"	"	"	"	"	U
4-bromophenylphenylether	ND	2	"	"	"	"	"	"	U
Hexachlorobenzene	ND	2	"	"	"	"	"	"	U
Pentachlorophenol	ND	4	"	"	"	"	"	"	U
Phenanthrene	ND	2	"	"	"	"	"	"	U
Anthracene	ND	2	"	"	"	"	"	"	U
Carbazole	ND	2	"	"	"	"	"	"	U
Di-n-butyl phthalate	ND	2	"	"	"	"	"	"	U
Benzidine	ND	10	"	"	"	"	"	"	U
Fluoranthene	ND	2	"	"	"	"	"	"	U
Pyrene	ND	2	"	"	"	"	"	"	U
Butyl benzyl phthalate	ND	2	"	"	"	"	"	"	U
Benzo (a) anthracene	ND	2	"	"	"	"	"	"	U
Chrysene	ND	2	"	"	"	"	"	"	U
bis(2-Ethylhexyl)phthalate	ND	2	"	"	"	"	"	"	U
Di-n-octyl phthalate	ND	2	"	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	2	"	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	2	"	"	"	"	"	"	U
Benzo (a) pyrene	ND	2	"	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND	2	"	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND	2	"	"	"	"	"	"	U
Benzo (g,h,i) perylene	ND	2	"	"	"	"	"	"	U
Surrogate: 2-Fluorophenol		*30.5 %*	*19-54*		*"*	*"*	*"*	*"*	
Surrogate: Phenol-d6		*19.5 %*	*13-35*		*"*	*"*	*"*	*"*	
Surrogate: Nitrobenzene-d5		*56.2 %*	*47-106*		*"*	*"*	*"*	*"*	
Surrogate: 2-Fluorobiphenyl		*59.6 %*	*46-106*		*"*	*"*	*"*	*"*	
Surrogate: 2,4,6-Tribromophenol		*60.3 %*	*62-114*		*"*	*"*	*"*	*"*	*L*
Surrogate: Terphenyl-d14		*97.1 %*	*34-119*		*"*	*"*	*"*	*"*	

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPMW 4 (7F11007-20) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
n-nitrosodimethylamine	ND	3	ug/l	1	AF71207	06/12/07	06/13/07	8270	U
bis(2-Chloroethyl)ether	ND	3	"	"	"	"	"	"	U
Phenol	ND	6	"	"	"	"	"	"	U
2-Chlorophenol	ND	6	"	"	"	"	"	"	U
1,3-Dichlorobenzene	ND	3	"	"	"	"	"	"	U
1,4-Dichlorobenzene	ND	3	"	"	"	"	"	"	U
1,2-Dichlorobenzene	ND	3	"	"	"	"	"	"	U
Benzyl alcohol	ND	3	"	"	"	"	"	"	U
bis(2-chloroisopropyl)ether	ND	3	"	"	"	"	"	"	U
2-Methylphenol	ND	3	"	"	"	"	"	"	U
Hexachloroethane	ND	3	"	"	"	"	"	"	U
N-Nitrosodi-n-propylamine	ND	3	"	"	"	"	"	"	U
3 & 4-methylphenol	ND	6	"	"	"	"	"	"	U
Nitrobenzene	ND	3	"	"	"	"	"	"	U
Isophorone	ND	3	"	"	"	"	"	"	U
2-Nitrophenol	ND	6	"	"	"	"	"	"	U
2,4-Dimethylphenol	ND	6	"	"	"	"	"	"	U
Bis(2-chloroethoxy)methane	ND	3	"	"	"	"	"	"	U
Benzoic acid	ND	14	"	"	"	"	"	"	U
2,4-Dichlorophenol	ND	6	"	"	"	"	"	"	U
1,2,4-Trichlorobenzene	ND	3	"	"	"	"	"	"	U
Naphthalene	ND	3	"	"	"	"	"	"	U
3,3'-Dichlorobenzidine	ND	3	"	"	"	"	"	"	U
4-Chloroaniline	ND	3	"	"	"	"	"	"	U
Hexachlorobutadiene	ND	3	"	"	"	"	"	"	U
4-Chloro-3-methylphenol	ND	6	"	"	"	"	"	"	U
2-Methylnaphthalene	ND	3	"	"	"	"	"	"	U
Hexachlorocyclopentadiene	ND	6	"	"	"	"	"	"	U
2,4,6-Trichlorophenol	ND	6	"	"	"	"	"	"	U
2,4,5-Trichlorophenol	ND	3	"	"	"	"	"	"	U
2-Chloronaphthalene	ND	3	"	"	"	"	"	"	U
2-Nitroaniline	ND	3	"	"	"	"	"	"	U
Acenaphthylene	ND	3	"	"	"	"	"	"	U
Dimethyl phthalate	ND	3	"	"	"	"	"	"	U
2,6-Dinitrotoluene	ND	3	"	"	"	"	"	"	U
Acenaphthene	ND	3	"	"	"	"	"	"	U
3-Nitroaniline	ND	3	"	"	"	"	"	"	U
2,4-Dinitrophenol	ND	6	"	"	"	"	"	"	U
Dibenzofuran	ND	3	"	"	"	"	"	"	U
2,4-Dinitrotoluene	ND	3	"	"	"	"	"	"	U
4-Nitrophenol	ND	6	"	"	"	"	"	"	U
Fluorene	ND	3	"	"	"	"	"	"	U

Lender Consulting Service	Project: New York State Projects	
P.O. Box 406	Project Number: 915 Cleveland Dr. 06B3027.22	**Reported:**
Buffalo NY, 14205	Project Manager: Doug Reid	06/18/07 16:59

Semivolatile Organic Compounds by EPA Method 8270C

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TPMW 4 (7F11007-20) Water Sampled: 06/08/07 00:00 Received: 06/11/07 14:30									
4-Chlorophenyl phenyl ether	ND	3	ug/l	1	AF71207	06/12/07	06/13/07	8270	U
Diethyl phthalate	ND	3	"	"	"	"	"	"	U
4-Nitroaniline	ND	3	"	"	"	"	"	"	U
4,6-Dinitro-2-methylphenol	ND	6	"	"	"	"	"	"	U
n-Nitrosodiphenylamine	ND	3	"	"	"	"	"	"	U
4-bromophenylphenylether	ND	3	"	"	"	"	"	"	U
Hexachlorobenzene	ND	3	"	"	"	"	"	"	U
Pentachlorophenol	ND	6	"	"	"	"	"	"	U
Phenanthrene	ND	3	"	"	"	"	"	"	U
Anthracene	ND	3	"	"	"	"	"	"	U
Carbazole	ND	3	"	"	"	"	"	"	U
Di-n-butyl phthalate	ND	3	"	"	"	"	"	"	U
Benzidine	ND	14	"	"	"	"	"	"	U
Fluoranthene	ND	3	"	"	"	"	"	"	U
Pyrene	ND	3	"	"	"	"	"	"	U
Butyl benzyl phthalate	ND	3	"	"	"	"	"	"	U
Benzo (a) anthracene	ND	3	"	"	"	"	"	"	U
Chrysene	ND	3	"	"	"	"	"	"	U
bis(2-Ethylhexyl)phthalate	ND	3	"	"	"	"	"	"	U
Di-n-octyl phthalate	ND	3	"	"	"	"	"	"	U
Benzo (b) fluoranthene	ND	3	"	"	"	"	"	"	U
Benzo (k) fluoranthene	ND	3	"	"	"	"	"	"	U
Benzo (a) pyrene	ND	3	"	"	"	"	"	"	U
Indeno (1,2,3-cd) pyrene	ND	3	"	"	"	"	"	"	U
Dibenz (a,h) anthracene	ND	3	"	"	"	"	"	"	U
Benzo (g,h,i) perylene	ND	3	"	"	"	"	"	"	U
Surrogate: 2-Fluorophenol		*58.3 %*	*19-54*		*"*	*"*	*"*	*"*	*G*
Surrogate: Phenol-d6		*53.4 %*	*13-35*		*"*	*"*	*"*	*"*	*G*
Surrogate: Nitrobenzene-d5		*104 %*	*47-106*		*"*	*"*	*"*	*"*	
Surrogate: 2-Fluorobiphenyl		*96.6 %*	*46-106*		*"*	*"*	*"*	*"*	
Surrogate: 2,4,6-Tribromophenol		*78.6 %*	*62-114*		*"*	*"*	*"*	*"*	
Surrogate: Terphenyl-d14		*136 %*	*34-119*		*"*	*"*	*"*	*"*	*G*

Lender Consulting Service P.O. Box 406 Buffalo NY, 14205	Project: New York State Projects Project Number: 915 Cleveland Dr. 06B3027.22 Project Manager: Doug Reid	**Reported:** 06/18/07 16:59

Conventional Chemistry Parameters by EPA Methods

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH01 (2-4) (7F11007-01) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
% Solids	**78.1**	0.1	%	1	AF71501	06/14/07	06/15/07	% calculation	
BH01 (10-12) (7F11007-02) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
% Solids	**88.3**	0.1	%	1	AF71405	06/13/07	06/14/07	% calculation	
BH02 (0-2) (7F11007-03) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
% Solids	**79.7**	0.1	%	1	AF71501	06/14/07	06/15/07	% calculation	
BH02 (6-8) (7F11007-04) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
% Solids	**82.8**	0.1	%	1	AF71405	06/13/07	06/14/07	% calculation	
BH03 (0-2) (7F11007-05) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
% Solids	**78.1**	0.1	%	1	AF71501	06/14/07	06/15/07	% calculation	
BH03 (10-12) (7F11007-06) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
% Solids	**87.0**	0.1	%	1	AF71405	06/13/07	06/14/07	% calculation	
BH04 (2-4) (7F11007-07) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
% Solids	**80.4**	0.1	%	1	AF71501	06/14/07	06/15/07	% calculation	
BH04 (8-10) (7F11007-08) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
% Solids	**84.3**	0.1	%	1	AF71405	06/13/07	06/14/07	% calculation	
BH06 (0-2) (7F11007-09) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
% Solids	**77.2**	0.1	%	1	AF71501	06/14/07	06/15/07	% calculation	

Lender Consulting Service P.O. Box 406 Buffalo NY, 14205	Project: New York State Projects Project Number: 915 Cleveland Dr. 06B3027.22 Project Manager: Doug Reid	**Reported:** 06/18/07 16:59

Conventional Chemistry Parameters by EPA Methods

Waste Stream Technology Inc.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BH06 (10-12) (7F11007-10) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
% Solids	**82.0**	0.1	%	1	AF71405	06/13/07	06/14/07	% calculation	
BH07 (0-4) (7F11007-11) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
% Solids	**76.7**	0.1	%	1	AF71501	06/14/07	06/15/07	% calculation	
BH07(14-15) (7F11007-12) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
% Solids	**91.7**	0.1	%	1	AF71405	06/13/07	06/14/07	% calculation	
BH08 (2-4) (7F11007-13) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
% Solids	**74.6**	0.1	%	1	AF71501	06/14/07	06/15/07	% calculation	
BH08 (8-10) (7F11007-14) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
% Solids	**87.9**	0.1	%	1	AF71405	06/13/07	06/14/07	% calculation	
BH09(4-6) (7F11007-15) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
% Solids	**77.6**	0.1	%	1	AF71501	06/14/07	06/15/07	% calculation	
BH09 (8-10) (7F11007-16) Soil Sampled: 06/07/07 00:00 Received: 06/11/07 14:30									
% Solids	**87.8**	0.1	%	1	AF71405	06/13/07	06/14/07	% calculation	

Notes and Definitions

U	Analyte included in the analysis, but not detected
L	L denotes analyte recovery is less than the lower quality control limit.
G	G denotes analyte recovery is greater than the upper quality control limit.
D	This flag assigned to compounds identified in an analysis at a secondary dilution factor.
B	Analyte is found in the associated blank as well as in the sample (CLP B-flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
BH02 (6-8)

Lab Name: Waste Stream Technology   Contract: LCS

Project No.: 06B3027.22   Location: 915 Cleveland Ave.   Group: 7F11007

Matrix: (soil/water) soil   Lab Sample ID: 7F11007-04

Sample wt/vol: 4.23 (g/mL) g   Lab File ID: 00005587.D

Level: (low/med) med   Date Received: 06/11/07

% Moisture: not dec. 17.2   Date Analyzed: 06/13/07

GC Column: ZB-624   ID: 0.18 (mm)   Dilution Factor: 2.0

Soil Extract Volume: 10,000 (uL)   Soil Aliquot Volume: 50 (uL)

Concentration Units:
Number TICs found: 10   (ug/L or ug/Kg) µg/Kg

CAS Number		Compound Name	RT	Est. Conc.	Q
1.	000108-87-2	Cyclohexane, methyl-	6.73	12000	J
2.	000592-27-8	Heptane, 2-methyl-	7.43	9800	J
3.		Cyclohexane, dimethyl isomer	7.79	7200	J
4.	000111-65-9	Octane	8.05	6800	J
5.	003073-66-3	Cyclohexane, 1,1,3-trimethyl-	8.83	6800	J
6.	000111-84-2	Nonane	9.62	9400	J
7.	003728-54-9	Cyclohexane,1-ethyl-2-methyl-	9.91	8200	J
8.		Unknown	10.25	8600	J
9.	017301-94-9	Nonane, 4-methyl-	10.47	6600	J
10.	001120-21-4	Undecane	12.15	11000	J
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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
BH03 (10-12)

Lab Name: Waste Stream Technology   Contract: LCS

Project No.: 06B3027.22   Location: 915 Cleveland Ave.   Group: 7F11007

Matrix: (soil/water) soil   Lab Sample ID: 7F11007-06

Sample wt/vol: 1.05 (g/mL) g   Lab File ID: 0037496.D

Level: (low/med) low   Date Received: 06/11/07

% Moisture: not dec. 13.0   Date Analyzed: 06/12/07

GC Column: ZB-624   ID: 0.18 (mm)   Dilution Factor: na

Soil Extract Volume: na (uL)   Soil Aliquot Volume: na (uL)

Number TICs found: 10   Concentration Units: (ug/L or ug/Kg) µg/Kg

CAS Number		Compound Name	RT	Est. Conc.	Q
1.	007782-79-8	Propane	1.34	170	J
2.	000075-28-5	Isobutane	1.47	77	J
3.	000106-97-8	Butane	1.57	100	J
4.	000078-78-4	Butane, 2-methyl-	1.96	81	J
5.	000109-66-0	Pentane	2.17	72	J
6.	000107-83-5	Pentane, 2-methyl-	3.04	50	J
7.	000110-54-3	Hexane	3.66	64	J
8.	000142-82-5	Heptane	6.59	49	J
9.	000108-87-2	Cyclohexane, methyl-	7.58	62	J
10.	000111-65-9	Octane	10.04	38	J
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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
BH04 (8-10)

Lab Name: Waste Stream Technology Contract: LCS

Project No.: 06B3027.22 Location: 915 Cleveland Ave. Group: 7F11007

Matrix: (soil/water) soil Lab Sample ID: 7F11007-08

Sample wt/vol: 1.09 (g/mL) g Lab File ID: 0037497.D

Level: (low/med) low Date Received: 06/11/07

% Moisture: not dec. 15.7 Date Analyzed: 06/12/07

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: na

Soil Extract Volume: na (uL) Soil Aliquot Volume: na (uL)

Number TICs found: 10 Concentration Units: (ug/L or ug/Kg) µg/Kg

CAS Number		Compound Name	RT	Est. Conc.	Q
1.	000075-28-5	Isobutane	1.47	51	J
2.	000106-97-8	Butane	1.57	43	J
3.	000078-78-4	Butane, 2-methyl-	1.96	48	J
4.	000109-66-0	Pentane	2.17	26	J
5.	000075-18-3	Dimethyl sulfide	2.70	18	J
6.	000107-83-5	Pentane, 2-methyl-	3.04	27	J
7.	000075-09-2	Methylene Chloride	3.10	25	J,B
8.	000110-54-3	Hexane	3.66	25	J
9.	000108-87-2	Cyclohexane, methyl-	7.58	21	J
10.	000127-18-4	Tetrachloroethylene	10.88	19	J
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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
AF71310-BLK1

Lab Name: Waste Stream Technology   Contract: LCS

Project No.: 06B3027.22   Location: 915 Cleveland Ave.   Group: 7F11007

Matrix: (soil/water) soil   Lab Sample ID: AF71310-BLK1

Sample wt/vol: 4.00 (g/mL) g   Lab File ID: 00005585.D

Level: (low/med) med   Date Received: na

% Moisture: not dec. na   Date Analyzed: 06/13/07

GC Column: ZB-624   ID: 0.18 (mm)   Dilution Factor: 1.0

Soil Extract Volume: 10,000 (uL)   Soil Aliquot Volume: 100 (uL)

Number TICs found: 0   Concentration Units: (ug/L or ug/Kg) µg/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
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VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
AF1206-BLK1

Lab Name: Waste Stream Technology   Contract: LCS

Project No.: 06B3027.22   Location: 915 Cleveland Ave.   Group: 7F11007

Matrix: (soil/water) soil   Lab Sample ID: AF1206-BLK1

Sample wt/vol: 1.00 (g/mL) g   Lab File ID: 0037490.D

Level: (low/med) low   Date Received: na

% Moisture: not dec. na   Date Analyzed: 06/12/07

GC Column: ZB-624   ID: 0.18 (mm)   Dilution Factor: na

Soil Extract Volume: na (uL)   Soil Aliquot Volume: na (uL)

Number TICs found: 1   Concentration Units: (ug/L or ug/Kg) µg/Kg

CAS Number		Compound Name	RT	Est. Conc.	Q
1.	000075-09-2	Methylene Chloride	3.11	20	J
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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
BH 01 (2-4)

Lab Name: WASTE STREAM TECHNOLOGY Contract:

Project No.: LCS Site: 915 CLEV Location: BH 01 (10-12) Group: 7F11007

Matrix: (soil/water) SOIL Lab Sample ID: 7F11007-02

Sample wt/vol: 30.1 (g/mL) g Lab File ID: 27101.D

Level: (low/med) LOW Date Received: 6/11/2007

% Moisture: 11.7 decanted: (Y/N) N Date Extracted: 6/13/2007

Concentrated Extract Volume: 1 (ML) Date Analyzed: 6/15/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

Number TICs found: 1 Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	7.49	284	J
2.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
BH 04 (2-4)

Lab Name: WASTE STREAM TECHNOLOGY   Contract:

Project No.: LCS   Site: 915 CLEV   Location: BH 04 (6-8)   Group: 7F11007

Matrix: (soil/water) SOIL   Lab Sample ID: 7F11007-04

Sample wt/vol: 30.3 (g/mL) g   Lab File ID: 27102.D

Level: (low/med) LOW   Date Received: 6/11/2007

% Moisture: 17.2   decanted: (Y/N) N   Date Extracted: 6/13/2007

Concentrated Extract Volume: 1 (ML)   Date Analyzed: 6/15/2007

Injection Volume: 1.0 (uL)   Dilution Factor: 1.0

GPC Cleanup: (Y/N) N   pH: NA

Number TICs found: 12   Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1. 111-84-2	NONANE	6.95	309	J
2.	UNKNOWN SUB. HYDROCARB	7.72	242	J
3.	UNKNOWN SUB LONG CHAIN H	7.84	192	J
4.	UNKNOWN LONG CHAIN HYDR	9.17	620	J
5.	UNKNOWN SUB LONG CHAIN H	9.60	251	J
6.	UNKNOWN	10.33	258	J
7. 6975-98-0	DECANE, 2-METHYL	10.42	206	J
8. 1120-21-4	UNDECANE	11.09	586	J
9. 112.40-3	DODECANE	12.80	622	J
10. 17301-23-4	UNDECANE, 2,6-DIMETHYL	12.99	183	J
11.	UNKNOWN SUB LONG CHAIN H	3.91	239	J
12. 629-50-5	TRIDECANE	14.36	521	J
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
BH 03 (10-12)

Lab Name: WASTE STREAM TECHNOLOGY Contract:

Project No.: LCS Site: 915 CLEV Location: BH 03 (10-12) Group: 7F11007

Matrix: (soil/water) SOIL Lab Sample ID: 7F11007-06

Sample wt/vol: 30.2 (g/mL) g Lab File ID: 27103.D

Level: (low/med) LOW Date Received: 6/11/2007

% Moisture: 15.7 decanted: (Y/N) N Date Extracted: 6/13/2007

Concentrated Extract Volume: 1 (ML) Date Analyzed: 6/15/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

Number TICs found: 0 Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.				
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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
BH 04 (8-10)

Lab Name: WASTE STREAM TECHNOLOGY Contract:

Project No.: LCS Site: 915 CLEV Location: BH 04 (8-10) Group: 7F11007

Matrix: (soil/water) SOIL Lab Sample ID: 7F11007-08

Sample wt/vol: 30.3 (g/mL) g Lab File ID: 30999.D

Level: (low/med) LOW Date Received: 6/11/2007

% Moisture: 15.7 decanted: (Y/N) N Date Extracted: 6/13/2007

Concentrated Extract Volume: 1 (ML) Date Analyzed: 6/16/2007

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: NA

Number TICs found: 12 Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN LONG CHAIN HYDR	32.15	406	J
2.	UNKNOWN LONG CHAIN SUB.	7.11	265	J
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1F
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SAMPLE NO.
7F11007

Lab Name: WASTE STREAM TECHNOLOGY
Contract:

Project No.: LCS
Site: 915 CLEV
Location:
Group: 7F11007

Matrix: (soil/water) SOIL
Lab Sample ID: AF71303-BLK1

Sample wt/vol: 30.0 (g/mL) g
Lab File ID: 27084.D

Level: (low/med) LOW
Date Received: 6/11/2007

% Moisture: 0
decanted: (Y/N) N
Date Extracted: 6/13/2007

Concentrated Extract Volume: 1 (ML)
Date Analyzed: 6/13/2007

Injection Volume: 1.0 (uL)
Dilution Factor: 1.0

GPC Cleanup: (Y/N) N
pH: NA

Number TICs found: 1
Concentration Units: (ug/L or ug/Kg) ug/Kg

CAS Number	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	7.69	272	J
2.				
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CHAIN OF CUSTODY

WASTE STREAM TECHNOLOGY

Waste Stream Technology Inc.
302 Grote Street, Buffalo, NY 14207
(716) 876-5290 • FAX (716) 876-2412

OFFICE USE ONLY
GROUP # 7F11007
DUE DATE

PAGE 1 OF 2

REPORT TO: LCS, INC.
232 DELAWARE AVE.
BUFFALO, NY

CONTACT: DOUG REID
PH. # (716) 845-6145
FAX # (716) 845-6164

BILL TO: LCS, INC.

PO# 06B3027.22

PROJECT DESCRIPTION: 915 CLEVELAND AVE.

SAMPLER SIGNATURE:

TURN AROUND TIME: 5 BD

QUOTATION NUMBER:

ARE SPECIAL DETECTION LIMITS REQUIRED: YES NO
If yes please attach requirements.

Is a QC Package required: YES NO
If yes please attach requirements

DW DRINKING WATER
GW GROUND WATER
SW SURFACE WATER
WW WASTE WATER
O OIL
SL SLUDGE
SO SOIL
S SOLID
W WIPE
OTHER

ANALYSES TO BE PERFORMED

	SAMPLE I.D.	DATE SAMPLED	TIME OF SAMPLING	SAMPLE TYPE	TOTAL NO. OF CONTAINERS	8260 STARS + 10 TICs	8270 STARS + 20 TICs	8260 TCL	8270 TCL	RCRA METALS	TYPE OF CONTAINER/ COMMENTS	OFFICE USE ONLY WST. I.D.
1	BH 01 (2-4)	6-7		SO	1					X		01
2	BH 01 (10-12)				2	X	X					02
3	BH 02 (0-2)				1					X		03
4	BH 02 (6-8)				2	X	X					04
5	BH 03 (0-2)				1					X		05
6	BH 03 (10-12)				2	X	X					06
7	BH 04 (2-4)				1					X		07
8	BH 04 (8-10)				2	X	X					08
9	BH 06 (0-2)				1					X		~~10~~ 09
10	BH 06 (10-12)				2			X	X			10

REMARKS:

RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
	6/11/07	14:00		6/10/07	14:00
	6/11/07	14:30		6/11/07	14:30

CHAIN OF CUSTODY

WASTE STREAM TECHNOLOGY

Waste Stream Technology Inc.
302 Grote Street, Buffalo, NY 14207
(716) 876-5290 • FAX (716) 876-2412

PAGE 2 OF 2

OFFICE USE ONLY
GROUP # 7F11007
DUE DATE

TURN AROUND TIME: 5 BD.
QUOTATION NUMBER:

ARE SPECIAL DETECTION LIMITS REQUIRED: YES NO
If yes please attach requirements

Is a QC Package required: YES NO
If yes please attach requirements.

REPORT TO: LCS, INC.
232 DELAWARE AVE.
BUFFALO, NY

CONTACT: DOUG REID
PH. # (716) 845-6145
FAX # (716) 845-6164
BILL TO: LCS, INC.

PO # 06B3027.22

PROJECT DESCRIPTION: 915 CLEVELAND AVE.

SAMPLER SIGNATURE: [signature]

DW DRINKING WATER, GW GROUND WATER, SW SURFACE WATER, WW WASTE WATER, O OIL, SL SLUDGE, SO SOIL, S SOLID, W WIPE, OTHER

ANALYSES TO BE PERFORMED

	SAMPLE I.D.	DATE SAMPLED	TIME OF SAMPLING	SAMPLE TYPE	TOTAL NO. OF CONTAINERS	8260 STARS + 10 TICs	8260 TCL	8270 TCL	RCRA METALS							TYPE OF CONTAINER/ COMMENTS:	OFFICE USE ONLY WST. I.D.
1	BH 07 (0-4)	6-7		SO	1				X								11
2	BH 07 (14-15)	↓		↓	2		X	X									12
3	BH 08 (2-4)				1				X								13
4	BH 08 (8-10)				2		X	X									14
5	BH 09 (4-6)				1				X								15
6	BH 09 (8-10)	↓		↓	2		X	X									16
7	TAMW 1	6-8		GW	5	X	X	X	X								17
8	TAMW 2	6-8		GW	5		X	X	X								18
9	TAMW 3	6-8		GW	5		X	X	X								19
10	TAMW 4	6-8		GW	5		X	X	X								20

REMARKS: UNABLE TO GET TURBIDITY DOWN ON GW SAMPLES.

RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	DATE:	TIME:
[signature]	6/11/07	14:00	[signature]	6/10/07	14:00
[signature]	6/11/07	14:30	[signature]	6/11/07	14:30

ANALYTICAL REPORT

Job#: A07-9552

Project#: NY4A9214
Site Name: LCS, INC.
Task: Niagara Falls Public Safety, 06B3027.22

Mr. Douglas Reid
LCS, Inc.
PO Box 406
Buffalo, NY 14205

STL Buffalo

Paul K. Morrow
Project Manager

09/10/2007

STL Buffalo
Current Certifications

As of 5/16/2007

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA,NELAP CWA, RCRA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	NELAP SDWA, CWA, RCRA	NY455
New York	NELAP AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7955201	BH11(6-8)	SOIL	08/24/2007	08:40	08/24/2007	17:00
A7955202	BH12(12-14.5)	SOIL	08/24/2007	08:30	08/24/2007	17:00
A7955203	BH13(8-10)	SOIL	08/24/2007	09:25	08/24/2007	17:00
A7955204	BH14(14-15.5)	SOIL	08/24/2007	10:05	08/24/2007	17:00
A7955205	BH15(12-13.75)	SOIL	08/24/2007	11:20	08/24/2007	17:00
A7955206	BH16(14-16)	SOIL	08/24/2007	12:30	08/24/2007	17:00

METHODS SUMMARY

Job#: A07-9552

Project#: NY4A9214
Site Name: LCS, INC.

PARAMETER	ANALYTICAL METHOD	
ASP 2000 - TCLP METHOD 8260 VOLATILES	ASP00	8260
LCS - ASP00 - METHOD 8260 VOLATILES - S	ASP00	8260
LCS - ASP00- METHOD 8270 SEMIVOLATILES - S	ASP00	8270
LCS - ASP00 METHOD 8082 -POLYCHLORINATED BIPHENYLS	ASP00	8082
Arsenic - Total	ASP00	6010
Barium - Total	ASP00	6010
Cadmium - Total	ASP00	6010
Chromium - Total	ASP00	6010
Lead - Total	ASP00	6010
Mercury - Total	ASP00	7471
Selenium - Total	ASP00	6010
Silver - Total	ASP00	6010
Cyanide - Total	ASP00	9012
Toxicity Characteristic Leaching Procedure	ASP00	1311

References:

ASP00 "Analytical Services Protocol", New York State Department of Environmental Conservation, June 2000.

SDG NARRATIVE

Job#: A07-9552

Project#: NY4A9214
Site Name: LCS, INC.

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A07-9552
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

The LCS recovery for 1,1,2,2-tetrachloroethane, 1,2-dichloropropane and bromodichloromethane in Method 8260 TCLP were above quality control limits. However, since target analytes were non-detect in the samples and the high recoveries would yield a high bias, no further corrective action was necessary.

GC/MS Semivolatile Data

The spike recoveyY for Benzaldehyde was below the laboratory quality control limits in the Matrix Spike Duplicate BH11(6-8). Since the Matrix Spike Blank A7B1351101 recovery was compliant, no corrective action was required.

The relative percent difference between the Matrix Spike BH11(6-8) and the Matrix Spike Duplicate BH11(6-8) exceeded quality control criteria for Benzaldehyde.

GC Extractable Data

For method 8082, sample BH11(6-8) and associated quality control required treatment with Copper prior to analysis due to the presence of elemental Sulfur.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."

Paul K. Morrow
Project Manager

Date

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
BH11(6-8)	A7955201	8260	10.00	007

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

LCS, INC.
Niagara Falls Public Safety, 06B3027.22

Sample ID: BH11(6-8)
Lab Sample ID: A7955201
Date Collected: 08/24/2007
Time Collected: 08:40

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8260 VOLATILES							
1,1,1-Trichloroethane	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
1,1,2-Trichloroethane	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
1,1-Dichloroethane	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
1,1-Dichloroethene	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
1,2,4-Trichlorobenzene	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
1,2,4-Trimethylbenzene	1000	E	6	UG/KG	8260	08/27/2007 17:36	TRB
1,2-Dibromo-3-chloropropane	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
1,2-Dibromoethane	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
1,2-Dichlorobenzene	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
1,2-Dichloroethane	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
1,2-Dichloropropane	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
1,3,5-Trimethylbenzene	270	E	6	UG/KG	8260	08/27/2007 17:36	TRB
1,3-Dichlorobenzene	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
1,4-Dichlorobenzene	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
2-Butanone	ND		30	UG/KG	8260	08/27/2007 17:36	TRB
2-Hexanone	ND		30	UG/KG	8260	08/27/2007 17:36	TRB
4-Methyl-2-pentanone	ND		30	UG/KG	8260	08/27/2007 17:36	TRB
Acetone	ND		30	UG/KG	8260	08/27/2007 17:36	TRB
Benzene	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Bromodichloromethane	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Bromoform	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Bromomethane	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Carbon Disulfide	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Carbon Tetrachloride	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Chlorobenzene	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Chloroethane	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Chloroform	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Chloromethane	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
cis-1,2-Dichloroethene	2	J	6	UG/KG	8260	08/27/2007 17:36	TRB
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Cyclohexane	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Dibromochloromethane	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Dichlorodifluoromethane	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Ethylbenzene	64		6	UG/KG	8260	08/27/2007 17:36	TRB
Isopropylbenzene	52		6	UG/KG	8260	08/27/2007 17:36	TRB
Methyl acetate	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Methyl-t-Butyl Ether (MTBE)	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Methylcyclohexane	9		6	UG/KG	8260	08/27/2007 17:36	TRB
Methylene chloride	11		6	UG/KG	8260	08/27/2007 17:36	TRB
n-Butylbenzene	50		6	UG/KG	8260	08/27/2007 17:36	TRB
n-Propylbenzene	99		6	UG/KG	8260	08/27/2007 17:36	TRB
Naphthalene	86	B	6	UG/KG	8260	08/27/2007 17:36	TRB
p-Cymene	56		6	UG/KG	8260	08/27/2007 17:36	TRB
sec-Butylbenzene	49		6	UG/KG	8260	08/27/2007 17:36	TRB
Styrene	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
tert-Butylbenzene	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Tetrachloroethene	ND		6	UG/KG	8260	08/27/2007 17:36	TRB

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Niagara Falls Public Safety, 06B3027.22

Sample ID: BH11(6-8)
Lab Sample ID: A7955201
Date Collected: 08/24/2007
Time Collected: 08:40

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8260 VOLATILES							
Toluene	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Total Xylenes	59		18	UG/KG	8260	08/27/2007 17:36	TRB
trans-1,2-Dichloroethene	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Trichloroethene	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Trichlorofluoromethane	ND		6	UG/KG	8260	08/27/2007 17:36	TRB
Vinyl chloride	ND		12	UG/KG	8260	08/27/2007 17:36	TRB
ASP TCLP SOIL - METHOD 8260 VOLATILES -							
1,1-Dichloroethene	ND		0.01	MG/L	8260	09/05/2007 07:43	ND
1,2-Dichloroethane	ND		0.01	MG/L	8260	09/05/2007 07:43	ND
1,4-Dichlorobenzene	ND		0.01	MG/L	8260	09/05/2007 07:43	ND
2-Butanone	ND		0.05	MG/L	8260	09/05/2007 07:43	ND
Benzene	ND		0.01	MG/L	8260	09/05/2007 07:43	ND
Carbon Tetrachloride	ND		0.01	MG/L	8260	09/05/2007 07:43	ND
Chlorobenzene	ND		0.01	MG/L	8260	09/05/2007 07:43	ND
Chloroform	ND		0.01	MG/L	8260	09/05/2007 07:43	ND
Tetrachloroethene	ND		0.01	MG/L	8260	09/05/2007 07:43	ND
Trichloroethene	ND		0.01	MG/L	8260	09/05/2007 07:43	ND
Vinyl chloride	ND		0.01	MG/L	8260	09/05/2007 07:43	ND
ASP LCS - SOIL - METHOD 8270 SEMIVOLATILE							
2,2'-Oxybis(1-Chloropropane)	ND		240	UG/KG	8270	08/30/2007 14:40	MD
2,4,5-Trichlorophenol	ND		240	UG/KG	8270	08/30/2007 14:40	MD
2,4,6-Trichlorophenol	ND		240	UG/KG	8270	08/30/2007 14:40	MD
2,4-Dichlorophenol	ND		240	UG/KG	8270	08/30/2007 14:40	MD
2,4-Dimethylphenol	ND		240	UG/KG	8270	08/30/2007 14:40	MD
2,4-Dinitrophenol	ND		460	UG/KG	8270	08/30/2007 14:40	MD
2,4-Dinitrotoluene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
2,6-Dinitrotoluene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
2-Chloronaphthalene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
2-Chlorophenol	ND		240	UG/KG	8270	08/30/2007 14:40	MD
2-Methylnaphthalene	98	J	240	UG/KG	8270	08/30/2007 14:40	MD
2-Methylphenol	ND		240	UG/KG	8270	08/30/2007 14:40	MD
2-Nitroaniline	ND		460	UG/KG	8270	08/30/2007 14:40	MD
2-Nitrophenol	ND		240	UG/KG	8270	08/30/2007 14:40	MD
3,3'-Dichlorobenzidine	ND		240	UG/KG	8270	08/30/2007 14:40	MD
3-Nitroaniline	ND		460	UG/KG	8270	08/30/2007 14:40	MD
4,6-Dinitro-2-methylphenol	ND		460	UG/KG	8270	08/30/2007 14:40	MD
4-Bromophenyl phenyl ether	ND		240	UG/KG	8270	08/30/2007 14:40	MD
4-Chloro-3-methylphenol	ND		240	UG/KG	8270	08/30/2007 14:40	MD
4-Chloroaniline	ND		240	UG/KG	8270	08/30/2007 14:40	MD
4-Chlorophenyl phenyl ether	ND		240	UG/KG	8270	08/30/2007 14:40	MD
4-Methylphenol	ND		240	UG/KG	8270	08/30/2007 14:40	MD
4-Nitroaniline	ND		460	UG/KG	8270	08/30/2007 14:40	MD
4-Nitrophenol	ND		460	UG/KG	8270	08/30/2007 14:40	MD
Acenaphthene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Acenaphthylene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Acetophenone	ND		240	UG/KG	8270	08/30/2007 14:40	MD

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Niagara Falls Public Safety, 06B3027.22

Sample ID: BH11(6-8)
Lab Sample ID: A7955201
Date Collected: 08/24/2007
Time Collected: 08:40

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8270 SEMIVOLATILE							
Anthracene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Atrazine	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Benzaldehyde	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Benzo(a)anthracene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Benzo(a)pyrene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Benzo(b)fluoranthene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Benzo(ghi)perylene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Benzo(k)fluoranthene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Biphenyl	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Bis(2-chloroethoxy) methane	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Bis(2-chloroethyl) ether	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Bis(2-ethylhexyl) phthalate	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Butyl benzyl phthalate	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Caprolactam	380		240	UG/KG	8270	08/30/2007 14:40	MD
Carbazole	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Chrysene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Di-n-butyl phthalate	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Di-n-octyl phthalate	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Dibenzo(a,h)anthracene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Dibenzofuran	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Diethyl phthalate	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Dimethyl phthalate	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Fluoranthene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Fluorene	13	J	240	UG/KG	8270	08/30/2007 14:40	MD
Hexachlorobenzene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Hexachlorobutadiene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Hexachlorocyclopentadiene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Hexachloroethane	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Indeno(1,2,3-cd)pyrene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Isophorone	ND		240	UG/KG	8270	08/30/2007 14:40	MD
N-Nitroso-Di-n-propylamine	ND		240	UG/KG	8270	08/30/2007 14:40	MD
N-nitrosodiphenylamine	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Naphthalene	130	J	240	UG/KG	8270	08/30/2007 14:40	MD
Nitrobenzene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Pentachlorophenol	ND		460	UG/KG	8270	08/30/2007 14:40	MD
Phenanthrene	33	J	240	UG/KG	8270	08/30/2007 14:40	MD
Phenol	ND		240	UG/KG	8270	08/30/2007 14:40	MD
Pyrene	ND		240	UG/KG	8270	08/30/2007 14:40	MD
ASP LCS - SOIL- 8082 - PCBS							
Aroclor 1016	ND		24	UG/KG	8082	08/31/2007 21:19	AJ
Aroclor 1221	ND		24	UG/KG	8082	08/31/2007 21:19	AJ
Aroclor 1232	ND		24	UG/KG	8082	08/31/2007 21:19	AJ
Aroclor 1242	ND		24	UG/KG	8082	08/31/2007 21:19	AJ
Aroclor 1248	ND		24	UG/KG	8082	08/31/2007 21:19	AJ
Aroclor 1254	ND		24	UG/KG	8082	08/31/2007 21:19	AJ
Aroclor 1260	ND		24	UG/KG	8082	08/31/2007 21:19	AJ

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Niagara Falls Public Safety, 06B3027.22

Sample ID: BH11(6-8)
Lab Sample ID: A7955201
Date Collected: 08/24/2007
Time Collected: 08:40

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Arsenic - Total	4.0		2.8	MG/KG	6010	08/28/2007 20:47	TWS
Barium - Total	189		0.69	MG/KG	6010	08/28/2007 20:47	TWS
Cadmium - Total	ND		0.28	MG/KG	6010	08/28/2007 20:47	TWS
Chromium - Total	27.6		0.69	MG/KG	6010	08/28/2007 20:47	TWS
Lead - Total	8.8		1.4	MG/KG	6010	08/28/2007 20:47	TWS
Mercury - Total	ND		0.027	MG/KG	7471	08/31/2007 17:00	MM
Selenium - Total	ND		5.5	MG/KG	6010	08/28/2007 20:47	TWS
Silver - Total	ND		0.69	MG/KG	6010	08/28/2007 20:47	TWS
Wet Chemistry Analysis							
Cyanide - Total	ND		1220	UG/KG	9012	08/31/2007 09:11	LRM

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Niagara Falls Public Safety, 06B3027.22

Sample ID: BH11(6-8)
Lab Sample ID: A7955201DL
Date Collected: 08/24/2007
Time Collected: 08:40

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8260 VOLATILES							
1,1,1-Trichloroethane	ND		150	UG/KG	8260	08/29/2007 17:51	LH
1,1,2,2-Tetrachloroethane	ND		150	UG/KG	8260	08/29/2007 17:51	LH
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		150	UG/KG	8260	08/29/2007 17:51	LH
1,1,2-Trichloroethane	ND		150	UG/KG	8260	08/29/2007 17:51	LH
1,1-Dichloroethane	ND		150	UG/KG	8260	08/29/2007 17:51	LH
1,1-Dichloroethene	ND		150	UG/KG	8260	08/29/2007 17:51	LH
1,2,4-Trichlorobenzene	ND		150	UG/KG	8260	08/29/2007 17:51	LH
1,2,4-Trimethylbenzene	9500		150	UG/KG	8260	08/29/2007 17:51	LH
1,2-Dibromo-3-chloropropane	ND		150	UG/KG	8260	08/29/2007 17:51	LH
1,2-Dibromoethane	ND		150	UG/KG	8260	08/29/2007 17:51	LH
1,2-Dichlorobenzene	ND		150	UG/KG	8260	08/29/2007 17:51	LH
1,2-Dichloroethane	ND		150	UG/KG	8260	08/29/2007 17:51	LH
1,2-Dichloropropane	ND		150	UG/KG	8260	08/29/2007 17:51	LH
1,3,5-Trimethylbenzene	2800		150	UG/KG	8260	08/29/2007 17:51	LH
1,3-Dichlorobenzene	ND		150	UG/KG	8260	08/29/2007 17:51	LH
1,4-Dichlorobenzene	ND		150	UG/KG	8260	08/29/2007 17:51	LH
2-Butanone	ND		750	UG/KG	8260	08/29/2007 17:51	LH
2-Hexanone	ND		750	UG/KG	8260	08/29/2007 17:51	LH
4-Methyl-2-pentanone	ND		750	UG/KG	8260	08/29/2007 17:51	LH
Acetone	ND		750	UG/KG	8260	08/29/2007 17:51	LH
Benzene	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Bromodichloromethane	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Bromoform	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Bromomethane	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Carbon Disulfide	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Carbon Tetrachloride	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Chlorobenzene	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Chloroethane	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Chloroform	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Chloromethane	ND		150	UG/KG	8260	08/29/2007 17:51	LH
cis-1,2-Dichloroethene	ND		150	UG/KG	8260	08/29/2007 17:51	LH
cis-1,3-Dichloropropene	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Cyclohexane	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Dibromochloromethane	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Dichlorodifluoromethane	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Ethylbenzene	310		150	UG/KG	8260	08/29/2007 17:51	LH
Isopropylbenzene	460		150	UG/KG	8260	08/29/2007 17:51	LH
Methyl acetate	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Methyl-t-Butyl Ether (MTBE)	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Methylcyclohexane	200		150	UG/KG	8260	08/29/2007 17:51	LH
Methylene chloride	ND		150	UG/KG	8260	08/29/2007 17:51	LH
n-Butylbenzene	2200		150	UG/KG	8260	08/29/2007 17:51	LH
n-Propylbenzene	1100		150	UG/KG	8260	08/29/2007 17:51	LH
Naphthalene	480		150	UG/KG	8260	08/29/2007 17:51	LH
p-Cymene	1100		150	UG/KG	8260	08/29/2007 17:51	LH
sec-Butylbenzene	1000		150	UG/KG	8260	08/29/2007 17:51	LH
Styrene	ND		150	UG/KG	8260	08/29/2007 17:51	LH
tert-Butylbenzene	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Tetrachloroethene	ND		150	UG/KG	8260	08/29/2007 17:51	LH

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Sample ID: BH11(6-8)
Lab Sample ID: A7955201DL
Date Collected: 08/24/2007
Time Collected: 08:40

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8260 VOLATILES							
Toluene	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Total Xylenes	220	J	450	UG/KG	8260	08/29/2007 17:51	LH
trans-1,2-Dichloroethene	ND		150	UG/KG	8260	08/29/2007 17:51	LH
trans-1,3-Dichloropropene	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Trichloroethene	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Trichlorofluoromethane	ND		150	UG/KG	8260	08/29/2007 17:51	LH
Vinyl chloride	ND		300	UG/KG	8260	08/29/2007 17:51	LH

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Sample ID: BH12(12-14.5)
Lab Sample ID: A7955202
Date Collected: 08/24/2007
Time Collected: 08:30

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8260 VOLATILES							
1,1,1-Trichloroethane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
1,1,2,2-Tetrachloroethane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
1,1,2-Trichloroethane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
1,1-Dichloroethane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
1,1-Dichloroethene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
1,2,4-Trichlorobenzene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
1,2,4-Trimethylbenzene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
1,2-Dibromo-3-chloropropane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
1,2-Dibromoethane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
1,2-Dichlorobenzene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
1,2-Dichloroethane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
1,2-Dichloropropane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
1,3,5-Trimethylbenzene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
1,3-Dichlorobenzene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
1,4-Dichlorobenzene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
2-Butanone	ND		27	UG/KG	8260	08/27/2007 18:04	TRB
2-Hexanone	ND		27	UG/KG	8260	08/27/2007 18:04	TRB
4-Methyl-2-pentanone	ND		27	UG/KG	8260	08/27/2007 18:04	TRB
Acetone	ND		27	UG/KG	8260	08/27/2007 18:04	TRB
Benzene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Bromodichloromethane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Bromoform	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Bromomethane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Carbon Disulfide	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Carbon Tetrachloride	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Chlorobenzene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Chloroethane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Chloroform	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Chloromethane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
cis-1,2-Dichloroethene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
cis-1,3-Dichloropropene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Cyclohexane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Dibromochloromethane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Dichlorodifluoromethane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Ethylbenzene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Isopropylbenzene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Methyl acetate	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Methyl-t-Butyl Ether (MTBE)	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Methylcyclohexane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Methylene chloride	11		5	UG/KG	8260	08/27/2007 18:04	TRB
n-Butylbenzene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
n-Propylbenzene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Naphthalene	3	BJ	5	UG/KG	8260	08/27/2007 18:04	TRB
p-Cymene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
sec-Butylbenzene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Styrene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
tert-Butylbenzene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Tetrachloroethene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB

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Sample ID: BH12(12-14.5)
Lab Sample ID: A7955202
Date Collected: 08/24/2007
Time Collected: 08:30

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8260 VOLATILES							
Toluene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Total Xylenes	ND		16	UG/KG	8260	08/27/2007 18:04	TRB
trans-1,2-Dichloroethene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
trans-1,3-Dichloropropene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Trichloroethene	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Trichlorofluoromethane	ND		5	UG/KG	8260	08/27/2007 18:04	TRB
Vinyl chloride	ND		11	UG/KG	8260	08/27/2007 18:04	TRB
ASP LCS - SOIL - METHOD 8270 SEMIVOLATILE							
2,2'-Oxybis(1-Chloropropane)	ND		180	UG/KG	8270	08/30/2007 15:48	MD
2,4,5-Trichlorophenol	ND		180	UG/KG	8270	08/30/2007 15:48	MD
2,4,6-Trichlorophenol	ND		180	UG/KG	8270	08/30/2007 15:48	MD
2,4-Dichlorophenol	ND		180	UG/KG	8270	08/30/2007 15:48	MD
2,4-Dimethylphenol	ND		180	UG/KG	8270	08/30/2007 15:48	MD
2,4-Dinitrophenol	ND		350	UG/KG	8270	08/30/2007 15:48	MD
2,4-Dinitrotoluene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
2,6-Dinitrotoluene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
2-Chloronaphthalene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
2-Chlorophenol	ND		180	UG/KG	8270	08/30/2007 15:48	MD
2-Methylnaphthalene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
2-Methylphenol	ND		180	UG/KG	8270	08/30/2007 15:48	MD
2-Nitroaniline	ND		350	UG/KG	8270	08/30/2007 15:48	MD
2-Nitrophenol	ND		180	UG/KG	8270	08/30/2007 15:48	MD
3,3'-Dichlorobenzidine	ND		180	UG/KG	8270	08/30/2007 15:48	MD
3-Nitroaniline	ND		350	UG/KG	8270	08/30/2007 15:48	MD
4,6-Dinitro-2-methylphenol	ND		350	UG/KG	8270	08/30/2007 15:48	MD
4-Bromophenyl phenyl ether	ND		180	UG/KG	8270	08/30/2007 15:48	MD
4-Chloro-3-methylphenol	ND		180	UG/KG	8270	08/30/2007 15:48	MD
4-Chloroaniline	ND		180	UG/KG	8270	08/30/2007 15:48	MD
4-Chlorophenyl phenyl ether	ND		180	UG/KG	8270	08/30/2007 15:48	MD
4-Methylphenol	ND		180	UG/KG	8270	08/30/2007 15:48	MD
4-Nitroaniline	ND		350	UG/KG	8270	08/30/2007 15:48	MD
4-Nitrophenol	ND		350	UG/KG	8270	08/30/2007 15:48	MD
Acenaphthene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Acenaphthylene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Acetophenone	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Anthracene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Atrazine	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Benzaldehyde	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Benzo(a)anthracene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Benzo(a)pyrene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Benzo(b)fluoranthene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Benzo(ghi)perylene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Benzo(k)fluoranthene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Biphenyl	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Bis(2-chloroethoxy) methane	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Bis(2-chloroethyl) ether	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Bis(2-ethylhexyl) phthalate	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Butyl benzyl phthalate	ND		180	UG/KG	8270	08/30/2007 15:48	MD

Sample ID: BH12(12-14.5)
Lab Sample ID: A7955202
Date Collected: 08/24/2007
Time Collected: 08:30

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8270 SEMIVOLATILE							
Caprolactam	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Carbazole	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Chrysene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Di-n-butyl phthalate	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Di-n-octyl phthalate	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Dibenzo(a,h)anthracene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Dibenzofuran	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Diethyl phthalate	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Dimethyl phthalate	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Fluoranthene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Fluorene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Hexachlorobenzene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Hexachlorobutadiene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Hexachlorocyclopentadiene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Hexachloroethane	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Indeno(1,2,3-cd)pyrene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Isophorone	ND		180	UG/KG	8270	08/30/2007 15:48	MD
N-Nitroso-Di-n-propylamine	ND		180	UG/KG	8270	08/30/2007 15:48	MD
N-nitrosodiphenylamine	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Naphthalene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Nitrobenzene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Pentachlorophenol	ND		350	UG/KG	8270	08/30/2007 15:48	MD
Phenanthrene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Phenol	ND		180	UG/KG	8270	08/30/2007 15:48	MD
Pyrene	ND		180	UG/KG	8270	08/30/2007 15:48	MD
ASP LCS - SOIL- 8082 - PCBS							
Aroclor 1016	ND		18	UG/KG	8082	08/31/2007 21:33	AJ
Aroclor 1221	ND		18	UG/KG	8082	08/31/2007 21:33	AJ
Aroclor 1232	ND		18	UG/KG	8082	08/31/2007 21:33	AJ
Aroclor 1242	ND		18	UG/KG	8082	08/31/2007 21:33	AJ
Aroclor 1248	ND		18	UG/KG	8082	08/31/2007 21:33	AJ
Aroclor 1254	ND		18	UG/KG	8082	08/31/2007 21:33	AJ
Aroclor 1260	ND		18	UG/KG	8082	08/31/2007 21:33	AJ
Metals Analysis							
Arsenic - Total	2.8		2.1	MG/KG	6010	08/28/2007 21:07	TWS
Barium - Total	21.8		0.52	MG/KG	6010	08/28/2007 21:07	TWS
Cadmium - Total	0.80		0.21	MG/KG	6010	08/28/2007 21:07	TWS
Chromium - Total	7.8		0.52	MG/KG	6010	08/28/2007 21:07	TWS
Lead - Total	45.1		1.0	MG/KG	6010	08/28/2007 21:07	TWS
Mercury - Total	ND		0.023	MG/KG	7471	08/31/2007 17:02	MM
Selenium - Total	ND		4.2	MG/KG	6010	08/28/2007 21:07	TWS
Silver - Total	ND		0.52	MG/KG	6010	08/28/2007 21:07	TWS
Wet Chemistry Analysis							
Cyanide - Total	ND		935	UG/KG	9012	08/31/2007 09:11	LRM

Sample ID: BH13(8-10)
Lab Sample ID: A7955203
Date Collected: 08/24/2007
Time Collected: 09:25

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8260 VOLATILES							
1,1,1-Trichloroethane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
1,1,2-Trichloroethane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
1,1-Dichloroethane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
1,1-Dichloroethene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
1,2,4-Trichlorobenzene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
1,2,4-Trimethylbenzene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
1,2-Dibromo-3-chloropropane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
1,2-Dibromoethane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
1,2-Dichlorobenzene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
1,2-Dichloroethane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
1,2-Dichloropropane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
1,3,5-Trimethylbenzene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
1,3-Dichlorobenzene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
1,4-Dichlorobenzene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
2-Butanone	ND		29	UG/KG	8260	08/27/2007 18:32	TRB
2-Hexanone	ND		29	UG/KG	8260	08/27/2007 18:32	TRB
4-Methyl-2-pentanone	ND		29	UG/KG	8260	08/27/2007 18:32	TRB
Acetone	ND		29	UG/KG	8260	08/27/2007 18:32	TRB
Benzene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Bromodichloromethane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Bromoform	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Bromomethane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Carbon Disulfide	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Carbon Tetrachloride	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Chlorobenzene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Chloroethane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Chloroform	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Chloromethane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
cis-1,2-Dichloroethene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Cyclohexane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Dibromochloromethane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Dichlorodifluoromethane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Ethylbenzene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Isopropylbenzene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Methyl acetate	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Methyl-t-Butyl Ether (MTBE)	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Methylcyclohexane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Methylene chloride	10		6	UG/KG	8260	08/27/2007 18:32	TRB
n-Butylbenzene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
n-Propylbenzene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Naphthalene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
p-Cymene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
sec-Butylbenzene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Styrene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
tert-Butylbenzene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Tetrachloroethene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB

Sample ID: BH13(8-10)
Lab Sample ID: A7955203
Date Collected: 08/24/2007
Time Collected: 09:25

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8260 VOLATILES							
Toluene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Total Xylenes	ND		18	UG/KG	8260	08/27/2007 18:32	TRB
trans-1,2-Dichloroethene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Trichloroethene	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Trichlorofluoromethane	ND		6	UG/KG	8260	08/27/2007 18:32	TRB
Vinyl chloride	ND		12	UG/KG	8260	08/27/2007 18:32	TRB
ASP LCS - SOIL - METHOD 8270 SEMIVOLATILE							
2,2'-Oxybis(1-Chloropropane)	ND		210	UG/KG	8270	08/30/2007 16:10	MD
2,4,5-Trichlorophenol	ND		210	UG/KG	8270	08/30/2007 16:10	MD
2,4,6-Trichlorophenol	ND		210	UG/KG	8270	08/30/2007 16:10	MD
2,4-Dichlorophenol	ND		210	UG/KG	8270	08/30/2007 16:10	MD
2,4-Dimethylphenol	ND		210	UG/KG	8270	08/30/2007 16:10	MD
2,4-Dinitrophenol	ND		410	UG/KG	8270	08/30/2007 16:10	MD
2,4-Dinitrotoluene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
2,6-Dinitrotoluene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
2-Chloronaphthalene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
2-Chlorophenol	ND		210	UG/KG	8270	08/30/2007 16:10	MD
2-Methylnaphthalene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
2-Methylphenol	ND		210	UG/KG	8270	08/30/2007 16:10	MD
2-Nitroaniline	ND		410	UG/KG	8270	08/30/2007 16:10	MD
2-Nitrophenol	ND		210	UG/KG	8270	08/30/2007 16:10	MD
3,3'-Dichlorobenzidine	ND		210	UG/KG	8270	08/30/2007 16:10	MD
3-Nitroaniline	ND		410	UG/KG	8270	08/30/2007 16:10	MD
4,6-Dinitro-2-methylphenol	ND		410	UG/KG	8270	08/30/2007 16:10	MD
4-Bromophenyl phenyl ether	ND		210	UG/KG	8270	08/30/2007 16:10	MD
4-Chloro-3-methylphenol	ND		210	UG/KG	8270	08/30/2007 16:10	MD
4-Chloroaniline	ND		210	UG/KG	8270	08/30/2007 16:10	MD
4-Chlorophenyl phenyl ether	ND		210	UG/KG	8270	08/30/2007 16:10	MD
4-Methylphenol	ND		210	UG/KG	8270	08/30/2007 16:10	MD
4-Nitroaniline	ND		410	UG/KG	8270	08/30/2007 16:10	MD
4-Nitrophenol	ND		410	UG/KG	8270	08/30/2007 16:10	MD
Acenaphthene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Acenaphthylene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Acetophenone	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Anthracene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Atrazine	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Benzaldehyde	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Benzo(a)anthracene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Benzo(a)pyrene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Benzo(b)fluoranthene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Benzo(ghi)perylene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Benzo(k)fluoranthene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Biphenyl	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Bis(2-chloroethoxy) methane	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Bis(2-chloroethyl) ether	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Bis(2-ethylhexyl) phthalate	80	J	210	UG/KG	8270	08/30/2007 16:10	MD
Butyl benzyl phthalate	ND		210	UG/KG	8270	08/30/2007 16:10	MD

LCS, INC.
Niagara Falls Public Safety, 06B3027.22

Sample ID: BH13(8-10)
Lab Sample ID: A7955203
Date Collected: 08/24/2007
Time Collected: 09:25

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8270 SEMIVOLATILE							
Caprolactam	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Carbazole	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Chrysene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Di-n-butyl phthalate	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Di-n-octyl phthalate	9	J	210	UG/KG	8270	08/30/2007 16:10	MD
Dibenzo(a,h)anthracene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Dibenzofuran	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Diethyl phthalate	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Dimethyl phthalate	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Fluoranthene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Fluorene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Hexachlorobenzene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Hexachlorobutadiene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Hexachlorocyclopentadiene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Hexachloroethane	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Indeno(1,2,3-cd)pyrene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Isophorone	ND		210	UG/KG	8270	08/30/2007 16:10	MD
N-Nitroso-Di-n-propylamine	ND		210	UG/KG	8270	08/30/2007 16:10	MD
N-nitrosodiphenylamine	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Naphthalene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Nitrobenzene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Pentachlorophenol	ND		410	UG/KG	8270	08/30/2007 16:10	MD
Phenanthrene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Phenol	ND		210	UG/KG	8270	08/30/2007 16:10	MD
Pyrene	ND		210	UG/KG	8270	08/30/2007 16:10	MD
ASP LCS - SOIL- 8082 - PCBS							
Aroclor 1016	ND		20	UG/KG	8082	08/31/2007 21:47	AJ
Aroclor 1221	ND		20	UG/KG	8082	08/31/2007 21:47	AJ
Aroclor 1232	ND		20	UG/KG	8082	08/31/2007 21:47	AJ
Aroclor 1242	ND		20	UG/KG	8082	08/31/2007 21:47	AJ
Aroclor 1248	ND		20	UG/KG	8082	08/31/2007 21:47	AJ
Aroclor 1254	ND		20	UG/KG	8082	08/31/2007 21:47	AJ
Aroclor 1260	ND		20	UG/KG	8082	08/31/2007 21:47	AJ
Metals Analysis							
Arsenic - Total	2.6		2.4	MG/KG	6010	08/28/2007 21:12	TWS
Barium - Total	44.8		0.60	MG/KG	6010	08/28/2007 21:12	TWS
Cadmium - Total	ND		0.24	MG/KG	6010	08/28/2007 21:12	TWS
Chromium - Total	10.8		0.60	MG/KG	6010	08/28/2007 21:12	TWS
Lead - Total	3.6		1.2	MG/KG	6010	08/28/2007 21:12	TWS
Mercury - Total	ND		0.025	MG/KG	7471	08/31/2007 16:16	MM
Selenium - Total	ND		4.8	MG/KG	6010	08/28/2007 21:12	TWS
Silver - Total	ND		0.60	MG/KG	6010	08/28/2007 21:12	TWS
Wet Chemistry Analysis							
Cyanide - Total	ND		1100	UG/KG	9012	08/31/2007 09:11	LRM

Sample ID: BH14(14-15.5)
Lab Sample ID: A7955204
Date Collected: 08/24/2007
Time Collected: 10:05

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8260 VOLATILES							
1,1,1-Trichloroethane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
1,1,2-Trichloroethane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
1,1-Dichloroethane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
1,1-Dichloroethene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
1,2,4-Trichlorobenzene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
1,2,4-Trimethylbenzene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
1,2-Dibromo-3-chloropropane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
1,2-Dibromoethane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
1,2-Dichlorobenzene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
1,2-Dichloroethane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
1,2-Dichloropropane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
1,3,5-Trimethylbenzene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
1,3-Dichlorobenzene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
1,4-Dichlorobenzene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
2-Butanone	ND		28	UG/KG	8260	08/27/2007 19:00	TRB
2-Hexanone	ND		28	UG/KG	8260	08/27/2007 19:00	TRB
4-Methyl-2-pentanone	ND		28	UG/KG	8260	08/27/2007 19:00	TRB
Acetone	ND		28	UG/KG	8260	08/27/2007 19:00	TRB
Benzene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Bromodichloromethane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Bromoform	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Bromomethane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Carbon Disulfide	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Carbon Tetrachloride	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Chlorobenzene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Chloroethane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Chloroform	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Chloromethane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
cis-1,2-Dichloroethene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Cyclohexane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Dibromochloromethane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Dichlorodifluoromethane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Ethylbenzene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Isopropylbenzene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Methyl acetate	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Methyl-t-Butyl Ether (MTBE)	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Methylcyclohexane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Methylene chloride	13		6	UG/KG	8260	08/27/2007 19:00	TRB
n-Butylbenzene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
n-Propylbenzene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Naphthalene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
p-Cymene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
sec-Butylbenzene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Styrene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
tert-Butylbenzene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Tetrachloroethene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB

Sample ID: BH14(14-15.5)
Lab Sample ID: A7955204
Date Collected: 08/24/2007
Time Collected: 10:05

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8260 VOLATILES							
Toluene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Total Xylenes	ND		16	UG/KG	8260	08/27/2007 19:00	TRB
trans-1,2-Dichloroethene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Trichloroethene	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Trichlorofluoromethane	ND		6	UG/KG	8260	08/27/2007 19:00	TRB
Vinyl chloride	ND		11	UG/KG	8260	08/27/2007 19:00	TRB
ASP LCS - SOIL - METHOD 8270 SEMIVOLATILE							
2,2'-Oxybis(1-Chloropropane)	ND		190	UG/KG	8270	08/30/2007 16:33	MD
2,4,5-Trichlorophenol	ND		190	UG/KG	8270	08/30/2007 16:33	MD
2,4,6-Trichlorophenol	ND		190	UG/KG	8270	08/30/2007 16:33	MD
2,4-Dichlorophenol	ND		190	UG/KG	8270	08/30/2007 16:33	MD
2,4-Dimethylphenol	ND		190	UG/KG	8270	08/30/2007 16:33	MD
2,4-Dinitrophenol	ND		360	UG/KG	8270	08/30/2007 16:33	MD
2,4-Dinitrotoluene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
2,6-Dinitrotoluene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
2-Chloronaphthalene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
2-Chlorophenol	ND		190	UG/KG	8270	08/30/2007 16:33	MD
2-Methylnaphthalene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
2-Methylphenol	ND		190	UG/KG	8270	08/30/2007 16:33	MD
2-Nitroaniline	ND		360	UG/KG	8270	08/30/2007 16:33	MD
2-Nitrophenol	ND		190	UG/KG	8270	08/30/2007 16:33	MD
3,3'-Dichlorobenzidine	ND		190	UG/KG	8270	08/30/2007 16:33	MD
3-Nitroaniline	ND		360	UG/KG	8270	08/30/2007 16:33	MD
4,6-Dinitro-2-methylphenol	ND		360	UG/KG	8270	08/30/2007 16:33	MD
4-Bromophenyl phenyl ether	ND		190	UG/KG	8270	08/30/2007 16:33	MD
4-Chloro-3-methylphenol	ND		190	UG/KG	8270	08/30/2007 16:33	MD
4-Chloroaniline	ND		190	UG/KG	8270	08/30/2007 16:33	MD
4-Chlorophenyl phenyl ether	ND		190	UG/KG	8270	08/30/2007 16:33	MD
4-Methylphenol	ND		190	UG/KG	8270	08/30/2007 16:33	MD
4-Nitroaniline	ND		360	UG/KG	8270	08/30/2007 16:33	MD
4-Nitrophenol	ND		360	UG/KG	8270	08/30/2007 16:33	MD
Acenaphthene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Acenaphthylene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Acetophenone	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Anthracene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Atrazine	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Benzaldehyde	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Benzo(a)anthracene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Benzo(a)pyrene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Benzo(b)fluoranthene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Benzo(ghi)perylene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Benzo(k)fluoranthene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Biphenyl	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Bis(2-chloroethoxy) methane	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Bis(2-chloroethyl) ether	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Bis(2-ethylhexyl) phthalate	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Butyl benzyl phthalate	ND		190	UG/KG	8270	08/30/2007 16:33	MD

Sample ID: BH14(14-15.5)
Lab Sample ID: A7955204
Date Collected: 08/24/2007
Time Collected: 10:05

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8270 SEMIVOLATILE							
Caprolactam	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Carbazole	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Chrysene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Di-n-butyl phthalate	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Di-n-octyl phthalate	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Dibenzo(a,h)anthracene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Dibenzofuran	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Diethyl phthalate	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Dimethyl phthalate	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Fluoranthene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Fluorene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Hexachlorobenzene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Hexachlorobutadiene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Hexachlorocyclopentadiene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Hexachloroethane	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Indeno(1,2,3-cd)pyrene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Isophorone	ND		190	UG/KG	8270	08/30/2007 16:33	MD
N-Nitroso-Di-n-propylamine	ND		190	UG/KG	8270	08/30/2007 16:33	MD
N-nitrosodiphenylamine	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Naphthalene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Nitrobenzene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Pentachlorophenol	ND		360	UG/KG	8270	08/30/2007 16:33	MD
Phenanthrene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Phenol	ND		190	UG/KG	8270	08/30/2007 16:33	MD
Pyrene	ND		190	UG/KG	8270	08/30/2007 16:33	MD
ASP LCS - SOIL- 8082 - PCBS							
Aroclor 1016	ND		18	UG/KG	8082	08/31/2007 22:01	AJ
Aroclor 1221	ND		18	UG/KG	8082	08/31/2007 22:01	AJ
Aroclor 1232	ND		18	UG/KG	8082	08/31/2007 22:01	AJ
Aroclor 1242	ND		18	UG/KG	8082	08/31/2007 22:01	AJ
Aroclor 1248	ND		18	UG/KG	8082	08/31/2007 22:01	AJ
Aroclor 1254	ND		18	UG/KG	8082	08/31/2007 22:01	AJ
Aroclor 1260	ND		18	UG/KG	8082	08/31/2007 22:01	AJ
Metals Analysis							
Arsenic - Total	3.8		2.4	MG/KG	6010	08/28/2007 21:17	TWS
Barium - Total	91.1		0.59	MG/KG	6010	08/28/2007 21:17	TWS
Cadmium - Total	ND		0.24	MG/KG	6010	08/28/2007 21:17	TWS
Chromium - Total	10.8		0.59	MG/KG	6010	08/28/2007 21:17	TWS
Lead - Total	6.1		1.2	MG/KG	6010	08/28/2007 21:17	TWS
Mercury - Total	ND		0.023	MG/KG	7471	08/31/2007 16:21	MM
Selenium - Total	ND		4.7	MG/KG	6010	08/28/2007 21:17	TWS
Silver - Total	ND		0.59	MG/KG	6010	08/28/2007 21:17	TWS
Wet Chemistry Analysis							
Cyanide - Total	ND		911	UG/KG	9012	08/31/2007 09:11	LRM

LCS, INC.
Niagara Falls Public Safety, 06B3027.22

Sample ID: BH15(12-13.75)
Lab Sample ID: A7955205
Date Collected: 08/24/2007
Time Collected: 11:20

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8260 VOLATILES							
1,1,1-Trichloroethane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
1,1,2,2-Tetrachloroethane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
1,1,2-Trichloroethane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
1,1-Dichloroethane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
1,1-Dichloroethene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
1,2,4-Trichlorobenzene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
1,2,4-Trimethylbenzene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
1,2-Dibromo-3-chloropropane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
1,2-Dibromoethane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
1,2-Dichlorobenzene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
1,2-Dichloroethane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
1,2-Dichloropropane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
1,3,5-Trimethylbenzene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
1,3-Dichlorobenzene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
1,4-Dichlorobenzene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
2-Butanone	ND		28	UG/KG	8260	08/27/2007 19:29	TRB
2-Hexanone	ND		28	UG/KG	8260	08/27/2007 19:29	TRB
4-Methyl-2-pentanone	ND		28	UG/KG	8260	08/27/2007 19:29	TRB
Acetone	ND		28	UG/KG	8260	08/27/2007 19:29	TRB
Benzene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Bromodichloromethane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Bromoform	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Bromomethane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Carbon Disulfide	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Carbon Tetrachloride	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Chlorobenzene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Chloroethane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Chloroform	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Chloromethane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
cis-1,2-Dichloroethene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
cis-1,3-Dichloropropene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Cyclohexane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Dibromochloromethane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Dichlorodifluoromethane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Ethylbenzene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Isopropylbenzene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Methyl acetate	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Methyl-t-Butyl Ether (MTBE)	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Methylcyclohexane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Methylene chloride	10		6	UG/KG	8260	08/27/2007 19:29	TRB
n-Butylbenzene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
n-Propylbenzene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Naphthalene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
p-Cymene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
sec-Butylbenzene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Styrene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
tert-Butylbenzene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Tetrachloroethene	700	E	6	UG/KG	8260	08/27/2007 19:29	TRB

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Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8260 VOLATILES							
Toluene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Total Xylenes	ND		17	UG/KG	8260	08/27/2007 19:29	TRB
trans-1,2-Dichloroethene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
trans-1,3-Dichloropropene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Trichloroethene	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Trichlorofluoromethane	ND		6	UG/KG	8260	08/27/2007 19:29	TRB
Vinyl chloride	ND		11	UG/KG	8260	08/27/2007 19:29	TRB
ASP LCS - SOIL - METHOD 8270 SEMIVOLATILE							
2,2'-Oxybis(1-Chloropropane)	ND		190	UG/KG	8270	08/30/2007 16:56	MD
2,4,5-Trichlorophenol	ND		190	UG/KG	8270	08/30/2007 16:56	MD
2,4,6-Trichlorophenol	ND		190	UG/KG	8270	08/30/2007 16:56	MD
2,4-Dichlorophenol	ND		190	UG/KG	8270	08/30/2007 16:56	MD
2,4-Dimethylphenol	ND		190	UG/KG	8270	08/30/2007 16:56	MD
2,4-Dinitrophenol	ND		370	UG/KG	8270	08/30/2007 16:56	MD
2,4-Dinitrotoluene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
2,6-Dinitrotoluene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
2-Chloronaphthalene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
2-Chlorophenol	ND		190	UG/KG	8270	08/30/2007 16:56	MD
2-Methylnaphthalene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
2-Methylphenol	ND		190	UG/KG	8270	08/30/2007 16:56	MD
2-Nitroaniline	ND		370	UG/KG	8270	08/30/2007 16:56	MD
2-Nitrophenol	ND		190	UG/KG	8270	08/30/2007 16:56	MD
3,3'-Dichlorobenzidine	ND		190	UG/KG	8270	08/30/2007 16:56	MD
3-Nitroaniline	ND		370	UG/KG	8270	08/30/2007 16:56	MD
4,6-Dinitro-2-methylphenol	ND		370	UG/KG	8270	08/30/2007 16:56	MD
4-Bromophenyl phenyl ether	ND		190	UG/KG	8270	08/30/2007 16:56	MD
4-Chloro-3-methylphenol	ND		190	UG/KG	8270	08/30/2007 16:56	MD
4-Chloroaniline	ND		190	UG/KG	8270	08/30/2007 16:56	MD
4-Chlorophenyl phenyl ether	ND		190	UG/KG	8270	08/30/2007 16:56	MD
4-Methylphenol	ND		190	UG/KG	8270	08/30/2007 16:56	MD
4-Nitroaniline	ND		370	UG/KG	8270	08/30/2007 16:56	MD
4-Nitrophenol	ND		370	UG/KG	8270	08/30/2007 16:56	MD
Acenaphthene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Acenaphthylene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Acetophenone	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Anthracene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Atrazine	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Benzaldehyde	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Benzo(a)anthracene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Benzo(a)pyrene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Benzo(b)fluoranthene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Benzo(ghi)perylene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Benzo(k)fluoranthene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Biphenyl	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Bis(2-chloroethoxy) methane	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Bis(2-chloroethyl) ether	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Bis(2-ethylhexyl) phthalate	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Butyl benzyl phthalate	ND		190	UG/KG	8270	08/30/2007 16:56	MD

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Date Collected: 08/24/2007
Time Collected: 11:20

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8270 SEMIVOLATILE							
Caprolactam	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Carbazole	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Chrysene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Di-n-butyl phthalate	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Di-n-octyl phthalate	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Dibenzo(a,h)anthracene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Dibenzofuran	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Diethyl phthalate	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Dimethyl phthalate	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Fluoranthene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Fluorene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Hexachlorobenzene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Hexachlorobutadiene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Hexachlorocyclopentadiene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Hexachloroethane	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Indeno(1,2,3-cd)pyrene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Isophorone	ND		190	UG/KG	8270	08/30/2007 16:56	MD
N-Nitroso-Di-n-propylamine	ND		190	UG/KG	8270	08/30/2007 16:56	MD
N-nitrosodiphenylamine	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Naphthalene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Nitrobenzene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Pentachlorophenol	ND		370	UG/KG	8270	08/30/2007 16:56	MD
Phenanthrene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Phenol	ND		190	UG/KG	8270	08/30/2007 16:56	MD
Pyrene	ND		190	UG/KG	8270	08/30/2007 16:56	MD
ASP LCS - SOIL- 8082 - PCBS							
Aroclor 1016	ND		18	UG/KG	8082	08/31/2007 22:16	AJ
Aroclor 1221	ND		18	UG/KG	8082	08/31/2007 22:16	AJ
Aroclor 1232	ND		18	UG/KG	8082	08/31/2007 22:16	AJ
Aroclor 1242	ND		18	UG/KG	8082	08/31/2007 22:16	AJ
Aroclor 1248	ND		18	UG/KG	8082	08/31/2007 22:16	AJ
Aroclor 1254	ND		18	UG/KG	8082	08/31/2007 22:16	AJ
Aroclor 1260	ND		18	UG/KG	8082	08/31/2007 22:16	AJ
Metals Analysis							
Arsenic - Total	ND		2.2	MG/KG	6010	08/28/2007 21:23	TWS
Barium - Total	67.4		0.55	MG/KG	6010	08/28/2007 21:23	TWS
Cadmium - Total	ND		0.22	MG/KG	6010	08/28/2007 21:23	TWS
Chromium - Total	8.0		0.55	MG/KG	6010	08/28/2007 21:23	TWS
Lead - Total	7.3		1.1	MG/KG	6010	08/28/2007 21:23	TWS
Mercury - Total	ND		0.023	MG/KG	7471	08/31/2007 16:22	MM
Selenium - Total	ND		4.4	MG/KG	6010	08/28/2007 21:23	TWS
Silver - Total	ND		0.55	MG/KG	6010	08/28/2007 21:23	TWS
Wet Chemistry Analysis							
Cyanide - Total	ND		1050	UG/KG	9012	08/31/2007 09:11	LRM

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Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8260 VOLATILES							
1,1,1-Trichloroethane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
1,1,2,2-Tetrachloroethane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
1,1,2-Trichloroethane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
1,1-Dichloroethane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
1,1-Dichloroethene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
1,2,4-Trichlorobenzene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
1,2,4-Trimethylbenzene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
1,2-Dibromo-3-chloropropane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
1,2-Dibromoethane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
1,2-Dichlorobenzene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
1,2-Dichloroethane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
1,2-Dichloropropane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
1,3,5-Trimethylbenzene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
1,3-Dichlorobenzene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
1,4-Dichlorobenzene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
2-Butanone	ND		720	UG/KG	8260	08/29/2007 18:15	LH
2-Hexanone	ND		720	UG/KG	8260	08/29/2007 18:15	LH
4-Methyl-2-pentanone	ND		720	UG/KG	8260	08/29/2007 18:15	LH
Acetone	ND		720	UG/KG	8260	08/29/2007 18:15	LH
Benzene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Bromodichloromethane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Bromoform	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Bromomethane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Carbon Disulfide	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Carbon Tetrachloride	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Chlorobenzene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Chloroethane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Chloroform	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Chloromethane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
cis-1,2-Dichloroethene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
cis-1,3-Dichloropropene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Cyclohexane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Dibromochloromethane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Dichlorodifluoromethane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Ethylbenzene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Isopropylbenzene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Methyl acetate	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Methyl-t-Butyl Ether (MTBE)	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Methylcyclohexane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Methylene chloride	ND		140	UG/KG	8260	08/29/2007 18:15	LH
n-Butylbenzene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
n-Propylbenzene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Naphthalene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
p-Cymene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
sec-Butylbenzene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Styrene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
tert-Butylbenzene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Tetrachloroethene	740		140	UG/KG	8260	08/29/2007 18:15	LH

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Date Collected: 08/24/2007
Time Collected: 11:20

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8260 VOLATILES							
Toluene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Total Xylenes	ND		430	UG/KG	8260	08/29/2007 18:15	LH
trans-1,2-Dichloroethene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
trans-1,3-Dichloropropene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Trichloroethene	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Trichlorofluoromethane	ND		140	UG/KG	8260	08/29/2007 18:15	LH
Vinyl chloride	ND		290	UG/KG	8260	08/29/2007 18:15	LH

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Date Collected: 08/24/2007
Time Collected: 12:30

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8260 VOLATILES							
1,1,1-Trichloroethane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
1,1,2,2-Tetrachloroethane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
1,1,2-Trichloroethane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
1,1-Dichloroethane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
1,1-Dichloroethene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
1,2,4-Trichlorobenzene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
1,2,4-Trimethylbenzene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
1,2-Dibromo-3-chloropropane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
1,2-Dibromoethane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
1,2-Dichlorobenzene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
1,2-Dichloroethane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
1,2-Dichloropropane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
1,3,5-Trimethylbenzene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
1,3-Dichlorobenzene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
1,4-Dichlorobenzene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
2-Butanone	ND		25	UG/KG	8260	08/27/2007 19:57	TRB
2-Hexanone	ND		25	UG/KG	8260	08/27/2007 19:57	TRB
4-Methyl-2-pentanone	ND		25	UG/KG	8260	08/27/2007 19:57	TRB
Acetone	ND		25	UG/KG	8260	08/27/2007 19:57	TRB
Benzene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Bromodichloromethane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Bromoform	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Bromomethane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Carbon Disulfide	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Carbon Tetrachloride	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Chlorobenzene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Chloroethane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Chloroform	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Chloromethane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
cis-1,2-Dichloroethene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
cis-1,3-Dichloropropene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Cyclohexane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Dibromochloromethane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Dichlorodifluoromethane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Ethylbenzene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Isopropylbenzene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Methyl acetate	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Methyl-t-Butyl Ether (MTBE)	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Methylcyclohexane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Methylene chloride	9		5	UG/KG	8260	08/27/2007 19:57	TRB
n-Butylbenzene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
n-Propylbenzene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Naphthalene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
p-Cymene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
sec-Butylbenzene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Styrene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
tert-Butylbenzene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Tetrachloroethene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB

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Sample ID: BH16(14-16)
Lab Sample ID: A7955206
Date Collected: 08/24/2007
Time Collected: 12:30

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8260 VOLATILES							
Toluene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Total Xylenes	ND		15	UG/KG	8260	08/27/2007 19:57	TRB
trans-1,2-Dichloroethene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
trans-1,3-Dichloropropene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Trichloroethene	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Trichlorofluoromethane	ND		5	UG/KG	8260	08/27/2007 19:57	TRB
Vinyl chloride	ND		10	UG/KG	8260	08/27/2007 19:57	TRB
ASP LCS - SOIL - METHOD 8270 SEMIVOLATILE							
2,2'-Oxybis(1-Chloropropane)	ND		180	UG/KG	8270	08/30/2007 17:18	MD
2,4,5-Trichlorophenol	ND		180	UG/KG	8270	08/30/2007 17:18	MD
2,4,6-Trichlorophenol	ND		180	UG/KG	8270	08/30/2007 17:18	MD
2,4-Dichlorophenol	ND		180	UG/KG	8270	08/30/2007 17:18	MD
2,4-Dimethylphenol	ND		180	UG/KG	8270	08/30/2007 17:18	MD
2,4-Dinitrophenol	ND		350	UG/KG	8270	08/30/2007 17:18	MD
2,4-Dinitrotoluene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
2,6-Dinitrotoluene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
2-Chloronaphthalene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
2-Chlorophenol	ND		180	UG/KG	8270	08/30/2007 17:18	MD
2-Methylnaphthalene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
2-Methylphenol	ND		180	UG/KG	8270	08/30/2007 17:18	MD
2-Nitroaniline	ND		350	UG/KG	8270	08/30/2007 17:18	MD
2-Nitrophenol	ND		180	UG/KG	8270	08/30/2007 17:18	MD
3,3'-Dichlorobenzidine	ND		180	UG/KG	8270	08/30/2007 17:18	MD
3-Nitroaniline	ND		350	UG/KG	8270	08/30/2007 17:18	MD
4,6-Dinitro-2-methylphenol	ND		350	UG/KG	8270	08/30/2007 17:18	MD
4-Bromophenyl phenyl ether	ND		180	UG/KG	8270	08/30/2007 17:18	MD
4-Chloro-3-methylphenol	ND		180	UG/KG	8270	08/30/2007 17:18	MD
4-Chloroaniline	ND		180	UG/KG	8270	08/30/2007 17:18	MD
4-Chlorophenyl phenyl ether	ND		180	UG/KG	8270	08/30/2007 17:18	MD
4-Methylphenol	ND		180	UG/KG	8270	08/30/2007 17:18	MD
4-Nitroaniline	ND		350	UG/KG	8270	08/30/2007 17:18	MD
4-Nitrophenol	ND		350	UG/KG	8270	08/30/2007 17:18	MD
Acenaphthene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Acenaphthylene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Acetophenone	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Anthracene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Atrazine	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Benzaldehyde	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Benzo(a)anthracene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Benzo(a)pyrene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Benzo(b)fluoranthene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Benzo(ghi)perylene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Benzo(k)fluoranthene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Biphenyl	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Bis(2-chloroethoxy) methane	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Bis(2-chloroethyl) ether	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Bis(2-ethylhexyl) phthalate	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Butyl benzyl phthalate	ND		180	UG/KG	8270	08/30/2007 17:18	MD

Sample ID: BH16(14-16)
Lab Sample ID: A7955206
Date Collected: 08/24/2007
Time Collected: 12:30

Date Received: 08/24/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - SOIL - METHOD 8270 SEMIVOLATILE							
Caprolactam	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Carbazole	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Chrysene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Di-n-butyl phthalate	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Di-n-octyl phthalate	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Dibenzo(a,h)anthracene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Dibenzofuran	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Diethyl phthalate	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Dimethyl phthalate	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Fluoranthene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Fluorene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Hexachlorobenzene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Hexachlorobutadiene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Hexachlorocyclopentadiene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Hexachloroethane	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Indeno(1,2,3-cd)pyrene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Isophorone	ND		180	UG/KG	8270	08/30/2007 17:18	MD
N-Nitroso-Di-n-propylamine	ND		180	UG/KG	8270	08/30/2007 17:18	MD
N-nitrosodiphenylamine	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Naphthalene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Nitrobenzene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Pentachlorophenol	ND		350	UG/KG	8270	08/30/2007 17:18	MD
Phenanthrene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Phenol	ND		180	UG/KG	8270	08/30/2007 17:18	MD
Pyrene	ND		180	UG/KG	8270	08/30/2007 17:18	MD
ASP LCS - SOIL- 8082 - PCBS							
Aroclor 1016	ND		18	UG/KG	8082	08/31/2007 22:30	AJ
Aroclor 1221	ND		18	UG/KG	8082	08/31/2007 22:30	AJ
Aroclor 1232	ND		18	UG/KG	8082	08/31/2007 22:30	AJ
Aroclor 1242	ND		18	UG/KG	8082	08/31/2007 22:30	AJ
Aroclor 1248	ND		18	UG/KG	8082	08/31/2007 22:30	AJ
Aroclor 1254	ND		18	UG/KG	8082	08/31/2007 22:30	AJ
Aroclor 1260	ND		18	UG/KG	8082	08/31/2007 22:30	AJ
Metals Analysis							
Arsenic - Total	ND		2.2	MG/KG	6010	08/28/2007 21:28	TWS
Barium - Total	35.3		0.55	MG/KG	6010	08/28/2007 21:28	TWS
Cadmium - Total	1.0		0.22	MG/KG	6010	08/28/2007 21:28	TWS
Chromium - Total	7.3		0.55	MG/KG	6010	08/28/2007 21:28	TWS
Lead - Total	78.0		1.1	MG/KG	6010	08/28/2007 21:28	TWS
Mercury - Total	ND		0.022	MG/KG	7471	08/31/2007 17:03	MM
Selenium - Total	ND		4.4	MG/KG	6010	08/28/2007 21:28	TWS
Silver - Total	ND		0.55	MG/KG	6010	08/28/2007 21:28	TWS
Wet Chemistry Analysis							
Cyanide - Total	ND		1030	UG/KG	9012	08/31/2007 09:11	LRM

LCS - ASP00 - METHOD 8260 VOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BH11(6-8)

Lab Name: STL Buffalo　　Contract: ____________

Lab Code: RECNY　　Case No.: _____　　SAS No.: ______　　SDG No.: ______

Matrix: (soil/water) SOIL　　Lab Sample ID: A7955201

Sample wt/vol: 5.24 (g/mL) G　　Lab File ID: P1040.RR

Level: (low/med) LOW　　Date Samp/Recv: 08/24/2007 08/24/2007

% Moisture: not dec. 19.8　　Date Analyzed: 08/27/2007

GC Column: ZB-624　　ID: 0.25 (mm)　　Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)　　Soil Aliquot Volume: ________ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 10

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 111-84-2	NONANE	13.95	120	JN
2. 124-18-5	DECANE	15.87	510	JN
3.	UNKNOWN BENZENE DERIVATIVE	16.29	200	J
4.	UNKNOWN BENZENE DERIVATIVE	16.89	180	J
5.	UNKNOWN BENZENE DERIVATIVE	17.19	390	J
6.	UNKNOWN BENZENE DERIVATIVE	17.46	180	J
7.	UNKNOWN BENZENE DERIVATIVE	17.54	210	J
8.	UNKNOWN BENZENE DERIVATIVE	18.14	160	J
9.	UNKNOWN BENZENE DERIVATIVE	18.37	140	J
10.	UNKNOWN BENZENE DERIVATIVE	19.49	200	J

LCS - ASP00- METHOD 8270 SEMIVOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BH11(6-8)

Lab Name: STL Buffalo Contract: ______

Lab Code: RECNY Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) SOIL Lab Sample ID: A7955201

Sample wt/vol: 30.90 (g/mL) G Lab File ID: U23066.RR

Level: (low/med) LOW Date Samp/Recv: 08/24/2007 08/24/2007

% Moisture: 30.9 decanted: (Y/N) N Date Extracted: 08/29/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/30/2007

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: ____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 18

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 2216-33-3	3-METHYLOCTANE	3.95	1100	JN
2. 111-84-2	NONANE	4.33	1500	JN
3. 4923-78-8	CYCLOHEXANE, 1-ETHYL-2-METHY	4.49	1400	JN
4. 2051-30-1	2,6-DIMETHYLOCTANE	4.77	6200	JN
5.	UNKNOWN ALKANE	4.84	2000	J
6.	UNKNOWN ALKANE	5.02	2800	J
7.	UNKNOWN ALKANE	5.10	2500	J
8.	UNKNOWN ALKANE	5.14	3500	J
9.	UNKNOWN ALKANE	5.41	4900	J
10. 124-18-5	DECANE	5.55	8700	JN
11.	TRIMETHYLBENZENE ISOMER	5.84	1200	J
12.	METHYLPROPYLBENZENE ISOMER	6.14	3400	J
13.	DIETHYL-BENZENE ISOMER	6.19	3100	J
14. 493-02-7	TRANSDECAHYDRONAPHTHALENE	6.27	2000	JN
15. 1120-21-4	UNDECANE	6.58	3300	JN
16.	UNKNOWN	6.63	1400	J
17.	TETRAMETHYLBENZENE ISOMER	6.82	2000	J
18.	UNKNOWN ALKANE	6.96	1700	J

LCS - ASP00 - METHOD 8260 VOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BH11(6-8)

Lab Name: STL Buffalo Contract: ____________

Lab Code: RECNY Case No.: _____ SAS No.: ______ SDG No.: ______

Matrix: (soil/water) SOIL Lab Sample ID: A7955201DL

Sample wt/vol: 4.17 (g/mL) G Lab File ID: G8591.RR

Level: (low/med) MED Date Samp/Recv: 08/24/2007 08/24/2007

% Moisture: not dec. 19.8 Date Analyzed: 08/29/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL) Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN ALKANE	8.24	8500	J
2.	UNKNOWN ALKANE	8.36	6200	J
3.	UNKNOWN ALKANE	9.30	15000	J
4.	UNKNOWN	9.44	22000	J
5.	UNKNOWN ALKANE	9.68	20000	J
6.	UNKNOWN ALKANE	9.89	6700	J
7.	UNKNOWN	10.38	5400	J
8.	UNKNOWN ALKANE	10.46	7900	J
9.	UNKNOWN ALKANE	11.30	16000	J
10.	UNKNOWN BENZENE DERIVATIVE	11.48	6200	J

LCS - ASP00 - METHOD 8260 VOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BH12(12-14.5)

Lab Name: STL Buffalo   Contract: ______

Lab Code: RECNY   Case No.: ____   SAS No.: ____   SDG No.: ____

Matrix: (soil/water) SOIL   Lab Sample ID: A7955202

Sample wt/vol: 5.12 (g/mL) G   Lab File ID: P1041.RR

Level: (low/med) LOW   Date Samp/Recv: 08/24/2007 08/24/2007

% Moisture: not dec. 9.8   Date Analyzed: 08/27/2007

GC Column: ZB-624   ID: 0.25 (mm)   Dilution Factor: 1.00

Soil Extract Volume: ____ (uL)   Soil Aliquot Volume: ____ (uL)

Number TICs found: 0   CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

LCS - ASP00- METHOD 8270 SEMIVOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BH12(12-14.5)

Lab Name: STL Buffalo   Contract: ____

Lab Code: RECNY   Case No.: ____   SAS No.: ____   SDG No.: ____

Matrix: (soil/water) SOIL   Lab Sample ID: A7955202

Sample wt/vol: 30.88 (g/mL) G   Lab File ID: U23069.RR

Level: (low/med) LOW   Date Samp/Recv: 08/24/2007 08/24/2007

% Moisture: 9.0   decanted: (Y/N) N   Date Extracted: 08/29/2007

Concentrated Extract Volume: 1000 (uL)   Date Analyzed: 08/30/2007

Injection Volume: 1.00 (uL)   Dilution Factor: 1.00

GPC Cleanup: (Y/N) N   pH: ____

Number TICs found: 2   CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	5.87	180	BJ
2.	UNKNOWN	16.37	1600	J

LCS - ASP00 - METHOD 8260 VOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BH13(8-10)

Lab Name: STL Buffalo Contract: ____________

Lab Code: RECNY Case No.: _____ SAS No.: ______ SDG No.: ______

Matrix: (soil/water) SOIL Lab Sample ID: A7955203

Sample wt/vol: 5.34 (g/mL) G Lab File ID: P1042.RR

Level: (low/med) LOW Date Samp/Recv: 08/24/2007 08/24/2007

% Moisture: not dec. 20.0 Date Analyzed: 08/27/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ________ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	Compound Name	RT	Est. Conc.	Q

LCS - ASP00- METHOD 8270 SEMIVOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BH13(8-10)

Lab Name: STL Buffalo   Contract: ________

Lab Code: RECNY   Case No.: ____   SAS No.: ____   SDG No.: ____

Matrix: (soil/water) SOIL   Lab Sample ID: A7955203

Sample wt/vol: 30.03 (g/mL) G   Lab File ID: U23070.RR

Level: (low/med) LOW   Date Samp/Recv: 08/24/2007 08/24/2007

% Moisture: 19.6   decanted: (Y/N) N   Date Extracted: 08/29/2007

Concentrated Extract Volume: 1000 (uL)   Date Analyzed: 08/30/2007

Injection Volume: 1.00 (uL)   Dilution Factor: 1.00

GPC Cleanup: (Y/N) N   pH: ____

Number TICs found: 1   CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	5.87	260	BJ

LCS - ASP00 - METHOD 8260 VOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BH14(14-15.5)

Lab Name: STL Buffalo   Contract: ____________

Lab Code: RECNY   Case No.: _____   SAS No.: ______   SDG No.: ______

Matrix: (soil/water) SOIL   Lab Sample ID: A7955204

Sample wt/vol: 5.13 (g/mL) G   Lab File ID: P1043.RR

Level: (low/med) LOW   Date Samp/Recv: 08/24/2007 08/24/2007

% Moisture: not dec. 11.7   Date Analyzed: 08/27/2007

GC Column: ZB-624   ID: 0.25 (mm)   Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)   Soil Aliquot Volume: ________ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	Compound Name	RT	Est. Conc.	Q

LCS - ASP00- METHOD 8270 SEMIVOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BH14(14-15.5)

Lab Name: STL Buffalo Contract: ____________

Lab Code: RECNY Case No.: _____ SAS No.: ______ SDG No.: ______

Matrix: (soil/water) SOIL Lab Sample ID: A7955204

Sample wt/vol: 30.65 (g/mL) G Lab File ID: U23071.RR

Level: (low/med) LOW Date Samp/Recv: 08/24/2007 08/24/2007

% Moisture: 11.4 decanted: (Y/N) N Date Extracted: 08/29/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/30/2007

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	5.87	190	BJ

LCS - ASP00 - METHOD 8260 VOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BH15(12-13.75)

Lab Name: STL Buffalo   Contract: ______

Lab Code: RECNY   Case No.: ____   SAS No.: ____   SDG No.: ____

Matrix: (soil/water) SOIL   Lab Sample ID: A7955205

Sample wt/vol: 5.26 (g/mL) G   Lab File ID: P1044.RR

Level: (low/med) LOW   Date Samp/Recv: 08/24/2007 08/24/2007

% Moisture: not dec. 14.4   Date Analyzed: 08/27/2007

GC Column: ZB-624   ID: 0.25 (mm)   Dilution Factor: 1.00

Soil Extract Volume: ____ (uL)   Soil Aliquot Volume: ______ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	Compound Name	RT	Est. Conc.	Q

LCS - ASP00- METHOD 8270 SEMIVOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BH15(12-13.75)

Lab Name: STL Buffalo Contract: ____________

Lab Code: RECNY Case No.: _____ SAS No.: ______ SDG No.: ______

Matrix: (soil/water) SOIL Lab Sample ID: A7955205

Sample wt/vol: 30.52 (g/mL) G Lab File ID: U23072.RR

Level: (low/med) LOW Date Samp/Recv: 08/24/2007 08/24/2007

% Moisture: 12.7 decanted: (Y/N) N Date Extracted: 08/29/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/30/2007

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	5.87	220	BJ

LCS - ASP00 - METHOD 8260 VOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BH15(12-13.75)

Lab Name: STL Buffalo   Contract: ____________

Lab Code: RECNY   Case No.: _____   SAS No.: ______   SDG No.: ______

Matrix: (soil/water) SOIL   Lab Sample ID: A7955205DL

Sample wt/vol: 4.05 (g/mL) G   Lab File ID: G8592.RR

Level: (low/med) MED   Date Samp/Recv: 08/24/2007 08/24/2007

% Moisture: not dec. 14.4   Date Analyzed: 08/29/2007

GC Column: ZB-624   ID: 0.18 (mm)   Dilution Factor: 1.00

Soil Extract Volume: 10000 (uL)   Soil Aliquot Volume: 100.00 (uL)

Number TICs found: 0   CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q

LCS - ASP00 - METHOD 8260 VOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BH16(14-16)

Lab Name: STL Buffalo   Contract: ____________

Lab Code: RECNY   Case No.: _____   SAS No.: ______   SDG No.: ______

Matrix: (soil/water) SOIL   Lab Sample ID: A7955206

Sample wt/vol: 5.30 (g/mL) G   Lab File ID: P1045.RR

Level: (low/med) LOW   Date Samp/Recv: 08/24/2007 08/24/2007

% Moisture: not dec. 7.5   Date Analyzed: 08/27/2007

GC Column: ZB-624   ID: 0.25 (mm)   Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)   Soil Aliquot Volume: ________ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	Compound Name	RT	Est. Conc.	Q

LCS - ASP00- METHOD 8270 SEMIVOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BH16(14-16)

Lab Name: STL Buffalo Contract: ____________

Lab Code: RECNY Case No.: _____ SAS No.: ______ SDG No.: ______

Matrix: (soil/water) SOIL Lab Sample ID: A7955206

Sample wt/vol: 30.93 (g/mL) G Lab File ID: U23073.RR

Level: (low/med) LOW Date Samp/Recv: 08/24/2007 08/24/2007

% Moisture: 9.7 decanted: (Y/N) N Date Extracted: 08/29/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/30/2007

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	5.87	270	BJ

Batch Quality Control Data

Lab Sample ID: A7943702 A7943702MS

Analyte	Units of Measure	Concentration		Spike Amount	% Recovery MS	QC LIMITS
		Sample	Matrix Spike			
WET CHEMISTRY ANALYSIS METHOD 335.4 - TOTAL CYANIDE	MG/L	0	0.0946	0.100	95	85-115

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Date: 09/06/2007 17:28:38
Batch No: A7B13515

MS/MSD Batch QC Results

Rept: AN1392

Lab Sample ID: A7956912 A7956912MS A7956912SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg		RPD	REC.
WET CHEMISTRY ANALYSIS METHOD 4500-CN I - FREE CYANIDE	MG/L	0	0.0692	0.0630	0.100	0.100	69 *	63 *	66	9	15.0	85-115

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Lab Sample ID: A7969004 A7969004MS A7969004SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			%	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg	RPD	RPD	REC.
WET CHEMISTRY ANALYSIS METHOD 4500-CN I - FREE CYANIDE	MG/L	0	0.0681	0.0637	0.100	0.100	68 *	64 *	66	6	15.0	85-115

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

MS/MSD Batch QC Results

Lab Sample ID: A7969005 A7969005MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 4500-CN I - FREE CYANIDE	MG/L	0	0.0686	0.100	69 *	85-115

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Chronology and QC Summary Package

Date: 09/10/2007
Time: 07:00:15

LCS, INC.
Niagara Falls Public Safety, 06B3027.22
LCS - ASPOO - METHOD 8260 VOLATILES - S

Rept: AN1247

Client ID Job No Lab ID Sample Date		VBLK57 A07-9552	A7B1341102	vblk55 A07-9552	A7B1359802				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Chloromethane	UG/KG	ND	5	ND	120	NA		NA	
Bromomethane	UG/KG	ND	5	ND	120	NA		NA	
Vinyl chloride	UG/KG	ND	10	ND	240	NA		NA	
Chloroethane	UG/KG	ND	5	ND	120	NA		NA	
Methylene chloride	UG/KG	ND	5	ND	120	NA		NA	
Acetone	UG/KG	ND	25	ND	600	NA		NA	
Carbon Disulfide	UG/KG	ND	5	ND	120	NA		NA	
1,1-Dichloroethene	UG/KG	ND	5	ND	120	NA		NA	
1,1-Dichloroethane	UG/KG	ND	5	ND	120	NA		NA	
Chloroform	UG/KG	ND	5	ND	120	NA		NA	
1,2-Dichloroethane	UG/KG	ND	5	ND	120	NA		NA	
2-Butanone	UG/KG	ND	25	ND	600	NA		NA	
1,1,1-Trichloroethane	UG/KG	ND	5	ND	120	NA		NA	
Carbon Tetrachloride	UG/KG	ND	5	ND	120	NA		NA	
Bromodichloromethane	UG/KG	ND	5	ND	120	NA		NA	
1,2-Dichloropropane	UG/KG	ND	5	ND	120	NA		NA	
cis-1,3-Dichloropropene	UG/KG	ND	5	ND	120	NA		NA	
Trichloroethene	UG/KG	ND	5	ND	120	NA		NA	
Dibromochloromethane	UG/KG	ND	5	ND	120	NA		NA	
1,1,2-Trichloroethane	UG/KG	ND	5	ND	120	NA		NA	
Benzene	UG/KG	ND	5	ND	120	NA		NA	
trans-1,3-Dichloropropene	UG/KG	ND	5	ND	120	NA		NA	
Bromoform	UG/KG	ND	5	ND	120	NA		NA	
4-Methyl-2-pentanone	UG/KG	ND	25	ND	600	NA		NA	
2-Hexanone	UG/KG	ND	25	ND	600	NA		NA	
Tetrachloroethene	UG/KG	ND	5	ND	120	NA		NA	
Toluene	UG/KG	ND	5	ND	120	NA		NA	
1,1,2,2-Tetrachloroethane	UG/KG	ND	5	ND	120	NA		NA	
Chlorobenzene	UG/KG	ND	5	ND	120	NA		NA	
Ethylbenzene	UG/KG	ND	5	ND	120	NA		NA	
Styrene	UG/KG	ND	5	ND	120	NA		NA	
Total Xylenes	UG/KG	ND	15	ND	360	NA		NA	
1,1,2-Trichloro-1,2,2-trifluor	UG/KG	ND	5	ND	120	NA		NA	
cis-1,2-Dichloroethene	UG/KG	ND	5	ND	120	NA		NA	
trans-1,2-Dichloroethene	UG/KG	ND	5	ND	120	NA		NA	
Dichlorodifluoromethane	UG/KG	ND	5	ND	120	NA		NA	
Trichlorofluoromethane	UG/KG	ND	5	ND	120	NA		NA	
Methyl acetate	UG/KG	ND	5	ND	120	NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/KG	ND	5	ND	120	NA		NA	
Cyclohexane	UG/KG	ND	5	ND	120	NA		NA	
Methylcyclohexane	UG/KG	ND	5	ND	120	NA		NA	
1,2-Dibromoethane	UG/KG	ND	5	ND	120	NA		NA	
Isopropylbenzene	UG/KG	ND	5	ND	120	NA		NA	

NA = Not Applicable ND = Not Detected

Date: 09/10/2007
Time: 07:00:15

LCS, INC.
Niagara Falls Public Safety, 06B3027.22
LCS - ASPOO - METHOD 8260 VOLATILES - S

Rept: AN1247

Client ID / Job No / Lab ID / Sample Date		VBLK57 A07-9552	A7B1341102	vblk55 A07-9552	A7B1359802				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,3-Dichlorobenzene	UG/KG	ND	5	ND	120	NA		NA	
1,4-Dichlorobenzene	UG/KG	ND	5	ND	120	NA		NA	
1,2-Dichlorobenzene	UG/KG	ND	5	ND	120	NA		NA	
1,2-Dibromo-3-chloropropane	UG/KG	ND	5	ND	120	NA		NA	
1,2,4-Trichlorobenzene	UG/KG	ND	5	ND	120	NA		NA	
n-Propylbenzene	UG/KG	ND	5	ND	120	NA		NA	
p-Cymene	UG/KG	ND	5	ND	120	NA		NA	
1,2,4-Trimethylbenzene	UG/KG	ND	5	ND	120	NA		NA	
1,3,5-Trimethylbenzene	UG/KG	ND	5	ND	120	NA		NA	
n-Butylbenzene	UG/KG	ND	5	ND	120	NA		NA	
sec-Butylbenzene	UG/KG	ND	5	ND	120	NA		NA	
tert-Butylbenzene	UG/KG	ND	5	ND	120	NA		NA	
Naphthalene	UG/KG	1 J	5	ND	120	NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	96	50-200	108	50-200	NA		NA	
1,4-Difluorobenzene	%	101	50-200	110	50-200	NA		NA	
1,4-Dichlorobenzene-D4	%	94	50-200	101	50-200	NA		NA	
Toluene-D8	%	119	71-125	118	10-190	NA		NA	
p-Bromofluorobenzene	%	118	72-126	119	10-190	NA		NA	
1,2-Dichloroethane-D4	%	112	64-126	128	10-190	NA		NA	

NA = Not Applicable ND = Not Detected

LCS - ASP00 - METHOD 8260 VOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK57

Lab Name: STL Buffalo Contract: ________

Lab Code: RECNY Case No.: _____ SAS No.: ______ SDG No.: ______

Matrix: (soil/water) SOIL Lab Sample ID: A7B1341102

Sample wt/vol: 5.00 (g/mL) G Lab File ID: P1037.RR

Level: (low/med) LOW Date Samp/Recv: ________ ________

% Moisture: not dec. ______ Date Analyzed: 08/27/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ________ (uL)

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 100012-97-0	Electronic Imported Tic	19.01	6	JN

Date: 09/10/2007
Time: 07:00:15

LCS, INC.
Niagara Falls Public Safety, 06B3027.22
ASP 2000 - TCLP METHOD 8260 VOLATILES

Rept: AN1247

Client ID / Job No / Sample Date — Lab ID		vblk41 A07-9552	A7B1384504	z-1789 A07-9552	A7955207				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,4-Dichlorobenzene	MG/L	ND	0.001	ND	0.01	NA		NA	
Chloroform	MG/L	ND	0.001	ND	0.01	NA		NA	
2-Butanone	MG/L	ND	0.005	ND	0.05	NA		NA	
Vinyl chloride	MG/L	ND	0.001	ND	0.01	NA		NA	
1,1-Dichloroethene	MG/L	ND	0.001	ND	0.01	NA		NA	
1,2-Dichloroethane	MG/L	ND	0.001	ND	0.01	NA		NA	
Trichloroethene	MG/L	ND	0.001	ND	0.01	NA		NA	
Benzene	MG/L	ND	0.001	ND	0.01	NA		NA	
Tetrachloroethene	MG/L	ND	0.001	ND	0.01	NA		NA	
Chlorobenzene	MG/L	ND	0.001	ND	0.01	NA		NA	
Carbon Tetrachloride	MG/L	ND	0.001	ND	0.01	NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	90	50-200	94	50-200	NA		NA	
1,4-Difluorobenzene	%	93	50-200	94	50-200	NA		NA	
1,4-Dichlorobenzene-D4	%	77	50-200	78	50-200	NA		NA	
Toluene-D8	%	101	71-126	101	71-126	NA		NA	
p-Bromofluorobenzene	%	97	73-120	98	73-120	NA		NA	
1,2-Dichloroethane-D4	%	111	66-137	113	66-137	NA		NA	

NA = Not Applicable   ND = Not Detected

LCS, INC.
Niagara Falls Public Safety, 06B3027.22
LCS - ASPOO- METHOD 8270 SEMIVOLATILES - S

Client ID Job No Lab ID Sample Date		SBLK A07-9552	A7B1351102						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzaldehyde	UG/KG	ND	170	NA		NA		NA	
Phenol	UG/KG	ND	170	NA		NA		NA	
Bis(2-chloroethyl) ether	UG/KG	ND	170	NA		NA		NA	
2-Chlorophenol	UG/KG	ND	170	NA		NA		NA	
2-Methylphenol	UG/KG	ND	170	NA		NA		NA	
2,2'-Oxybis(1-Chloropropane)	UG/KG	ND	170	NA		NA		NA	
Acetophenone	UG/KG	ND	170	NA		NA		NA	
4-Methylphenol	UG/KG	ND	170	NA		NA		NA	
N-Nitroso-Di-n-propylamine	UG/KG	ND	170	NA		NA		NA	
Hexachloroethane	UG/KG	ND	170	NA		NA		NA	
Nitrobenzene	UG/KG	ND	170	NA		NA		NA	
Isophorone	UG/KG	ND	170	NA		NA		NA	
2-Nitrophenol	UG/KG	ND	170	NA		NA		NA	
2,4-Dimethylphenol	UG/KG	ND	170	NA		NA		NA	
Bis(2-chloroethoxy) methane	UG/KG	ND	170	NA		NA		NA	
2,4-Dichlorophenol	UG/KG	ND	170	NA		NA		NA	
Naphthalene	UG/KG	ND	170	NA		NA		NA	
4-Chloroaniline	UG/KG	ND	170	NA		NA		NA	
Hexachlorobutadiene	UG/KG	ND	170	NA		NA		NA	
Caprolactam	UG/KG	ND	170	NA		NA		NA	
4-Chloro-3-methylphenol	UG/KG	ND	170	NA		NA		NA	
2-Methylnaphthalene	UG/KG	ND	170	NA		NA		NA	
Hexachlorocyclopentadiene	UG/KG	ND	170	NA		NA		NA	
2,4,6-Trichlorophenol	UG/KG	ND	170	NA		NA		NA	
2,4,5-Trichlorophenol	UG/KG	ND	170	NA		NA		NA	
Biphenyl	UG/KG	ND	170	NA		NA		NA	
2-Chloronaphthalene	UG/KG	ND	170	NA		NA		NA	
2-Nitroaniline	UG/KG	ND	320	NA		NA		NA	
Dimethyl phthalate	UG/KG	ND	170	NA		NA		NA	
Acenaphthylene	UG/KG	ND	170	NA		NA		NA	
2,6-Dinitrotoluene	UG/KG	ND	170	NA		NA		NA	
3-Nitroaniline	UG/KG	ND	320	NA		NA		NA	
Acenaphthene	UG/KG	ND	170	NA		NA		NA	
2,4-Dinitrophenol	UG/KG	ND	320	NA		NA		NA	
4-Nitrophenol	UG/KG	ND	320	NA		NA		NA	
Dibenzofuran	UG/KG	ND	170	NA		NA		NA	
2,4-Dinitrotoluene	UG/KG	ND	170	NA		NA		NA	
Diethyl phthalate	UG/KG	ND	170	NA		NA		NA	
4-Chlorophenyl phenyl ether	UG/KG	ND	170	NA		NA		NA	
Fluorene	UG/KG	ND	170	NA		NA		NA	
4-Nitroaniline	UG/KG	ND	320	NA		NA		NA	
4,6-Dinitro-2-methylphenol	UG/KG	ND	320	NA		NA		NA	
N-nitrosodiphenylamine	UG/KG	ND	170	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Date: 09/10/2007
Time: 07:00:28

LCS, INC.
Niagara Falls Public Safety, 06B3027.22
LCS - ASP00- METHOD 8270 SEMIVOLATILES - S

Rept: AN1247

Client ID / Job No / Sample Date	Lab ID	SBLK A07-9552	A7B1351102						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
4-Bromophenyl phenyl ether	UG/KG	ND	170	NA		NA		NA	
Hexachlorobenzene	UG/KG	ND	170	NA		NA		NA	
Atrazine	UG/KG	ND	170	NA		NA		NA	
Pentachlorophenol	UG/KG	ND	320	NA		NA		NA	
Phenanthrene	UG/KG	ND	170	NA		NA		NA	
Anthracene	UG/KG	ND	170	NA		NA		NA	
Carbazole	UG/KG	ND	170	NA		NA		NA	
Di-n-butyl phthalate	UG/KG	ND	170	NA		NA		NA	
Fluoranthene	UG/KG	ND	170	NA		NA		NA	
Pyrene	UG/KG	ND	170	NA		NA		NA	
Butyl benzyl phthalate	UG/KG	ND	170	NA		NA		NA	
3,3'-Dichlorobenzidine	UG/KG	ND	170	NA		NA		NA	
Benzo(a)anthracene	UG/KG	ND	170	NA		NA		NA	
Chrysene	UG/KG	ND	170	NA		NA		NA	
Bis(2-ethylhexyl) phthalate	UG/KG	ND	170	NA		NA		NA	
Di-n-octyl phthalate	UG/KG	ND	170	NA		NA		NA	
Benzo(b)fluoranthene	UG/KG	ND	170	NA		NA		NA	
Benzo(k)fluoranthene	UG/KG	ND	170	NA		NA		NA	
Benzo(a)pyrene	UG/KG	ND	170	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/KG	ND	170	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/KG	ND	170	NA		NA		NA	
Benzo(ghi)perylene	UG/KG	ND	170	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	98	50-200	NA		NA		NA	
Naphthalene-D8	%	94	50-200	NA		NA		NA	
Acenaphthene-D10	%	93	50-200	NA		NA		NA	
Phenanthrene-D10	%	94	50-200	NA		NA		NA	
Chrysene-D12	%	90	50-200	NA		NA		NA	
Perylene-D12	%	93	50-200	NA		NA		NA	
Nitrobenzene-D5	%	74	35-113	NA		NA		NA	
2-Fluorobiphenyl	%	74	43-119	NA		NA		NA	
p-Terphenyl-d14	%	84	51-125	NA		NA		NA	
Phenol-D5	%	77	36-116	NA		NA		NA	
2-Fluorophenol	%	65	30-107	NA		NA		NA	
2,4,6-Tribromophenol	%	64	46-129	NA		NA		NA	

LCS - ASP00- METHOD 8270 SEMIVOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SBLK

Lab Name: STL Buffalo Contract: ____________

Lab Code: RECNY Case No.: _____ SAS No.: ______ SDG No.: ______

Matrix: (soil/water) SOIL Lab Sample ID: A7B1351102

Sample wt/vol: 30.61 (g/mL) G Lab File ID: U23065.RR

Level: (low/med) LOW Date Samp/Recv: __________ __________

% Moisture: ______ decanted: (Y/N) N Date Extracted: 08/29/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 08/30/2007

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _____

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 104-76-7	UNKNOWN	5.87	200	JN

Date: 09/10/2007
Time: 07:00:32

LCS, INC.
Niagara Falls Public Safety, 06B3027.22
LCS - ASP00 METHOD 8082 -POLYCHLORINATED BIPHENYLS

Rept: AN1247

Client ID / Job No / Sample Date — Lab ID		Method Blank A07-9552	A7B1351302						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/KG	ND	16	NA		NA		NA	
Aroclor 1221	UG/KG	ND	16	NA		NA		NA	
Aroclor 1232	UG/KG	ND	16	NA		NA		NA	
Aroclor 1242	UG/KG	ND	16	NA		NA		NA	
Aroclor 1248	UG/KG	ND	16	NA		NA		NA	
Aroclor 1254	UG/KG	ND	16	NA		NA		NA	
Aroclor 1260	UG/KG	ND	16	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	74	35-134	NA		NA		NA	
Decachlorobiphenyl	%	96	34-148	NA		NA		NA	

NA = Not Applicable   ND = Not Detected

LCS, INC.
Niagara Falls Public Safety, 06B3027.22
RCRA METALS

Client ID Job No Sample Date	Lab ID	Method Blank A07-9552	A7B1340302	Method Blank A07-9552	A7B1365002				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Arsenic - Total	MG/KG	ND	2.0	NA		NA		NA	
Barium - Total	MG/KG	ND	0.50	NA		NA		NA	
Cadmium - Total	MG/KG	ND	0.20	NA		NA		NA	
Chromium - Total	MG/KG	ND	0.50	NA		NA		NA	
Mercury - Total	MG/KG	NA		ND	0.020	NA		NA	
Lead - Total	MG/KG	ND	1.0	NA		NA		NA	
Selenium - Total	MG/KG	ND	4.0	NA		NA		NA	
Silver - Total	MG/KG	ND	0.50	NA		NA		NA	

NA = Not Applicable   ND = Not Detected

Date: 09/10/2007
Time: 07:00:38

LCS, INC.
Niagara Falls Public Safety, 06B3027.22
WET CHEMISTRY ANALYSIS

Rept: AN1247

Client ID Job No / Lab ID Sample Date		Method Blank A07-9552 / A7B1351504							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Cyanide - Total	UG/KG	ND	1000	NA		NA		NA	

NA = Not Applicable   ND = Not Detected

Client Sample ID: VBLK57 MSB57
Lab Sample ID: A7B1341102 A7B1341101

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
LCS - ASP00 - METHOD 8260 VOLATILES - S					
Acetone	UG/KG	277	250	111	53-131
Benzene	UG/KG	50.8	50.0	102	78-122
Bromodichloromethane	UG/KG	54.1	50.0	108	75-123
Bromoform	UG/KG	52.5	50.0	105	68-126
Bromomethane	UG/KG	54.4	50.0	109	43-151
2-Butanone	UG/KG	258	250	103	66-131
n-Butylbenzene	UG/KG	48.6	50.0	97	78-121
sec-Butylbenzene	UG/KG	51.2	50.0	102	74-118
tert-Butylbenzene	UG/KG	50.6	50.0	101	80-120
Carbon Disulfide	UG/KG	53.5	50.0	107	64-131
Carbon Tetrachloride	UG/KG	54.1	50.0	108	70-135
Chlorobenzene	UG/KG	50.3	50.0	101	79-118
Chloroethane	UG/KG	50.6	50.0	101	69-135
Chloroform	UG/KG	51.8	50.0	104	77-121
Chloromethane	UG/KG	41.6	50.0	83	63-127
Cyclohexane	UG/KG	51.6	50.0	103	70-130
Dibromochloromethane	UG/KG	55.2	50.0	110	76-125
1,2-Dibromo-3-chloropropane	UG/KG	48.6	50.0	97	66-122
1,2-Dibromoethane	UG/KG	52.1	50.0	104	78-120
1,2-Dichlorobenzene	UG/KG	51.6	50.0	103	82-114
1,3-Dichlorobenzene	UG/KG	49.9	50.0	100	82-114
1,4-Dichlorobenzene	UG/KG	50.8	50.0	102	82-113
Dichlorodifluoromethane	UG/KG	37.6	50.0	75	52-138
1,1-Dichloroethane	UG/KG	52.0	50.0	104	76-122
1,2-Dichloroethane	UG/KG	54.2	50.0	108	74-128
1,1-Dichloroethene	UG/KG	57.9	50.0	116	70-142
cis-1,2-Dichloroethene	UG/KG	50.9	50.0	102	81-117
trans-1,2-Dichloroethene	UG/KG	53.6	50.0	107	78-126
1,2-Dichloropropane	UG/KG	51.7	50.0	103	81-119
cis-1,3-Dichloropropene	UG/KG	53.2	50.0	106	82-120
trans-1,3-Dichloropropene	UG/KG	54.1	50.0	108	80-119
Ethylbenzene	UG/KG	50.6	50.0	101	83-120
2-Hexanone	UG/KG	267	250	107	72-130
Isopropylbenzene	UG/KG	44.7	50.0	90	72-119
p-Cymene	UG/KG	47.2	50.0	94	76-119
Methyl acetate	UG/KG	52.5	50.0	105	49-135
Methylcyclohexane	UG/KG	52.4	50.0	105	74-125
Methylene chloride	UG/KG	49.5	50.0	97	61-127
4-Methyl-2-pentanone	UG/KG	259	250	104	74-128
Naphthalene	UG/KG	50.4	50.0	98	63-132
n-Propylbenzene	UG/KG	48.7	50.0	98	77-117

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK57 MSB57
Lab Sample ID: A7B1341102 A7B1341101

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
LCS - ASP00 - METHOD 8260 VOLATILES - S					
Styrene	UG/KG	51.8	50.0	104	80-116
1,1,2,2-Tetrachloroethane	UG/KG	51.9	50.0	104	80-118
1,1,2-Trichloro-1,2,2-trifluoroethane	UG/KG	53.4	50.0	107	67-144
Tetrachloroethene	UG/KG	50.6	50.0	101	74-122
Toluene	UG/KG	49.3	50.0	99	74-120
1,2,4-Trichlorobenzene	UG/KG	49.3	50.0	99	73-120
1,1,1-Trichloroethane	UG/KG	53.8	50.0	108	74-129
1,1,2-Trichloroethane	UG/KG	51.9	50.0	104	78-122
Trichloroethene	UG/KG	51.7	50.0	104	78-121
Trichlorofluoromethane	UG/KG	50.3	50.0	101	63-124
1,2,4-Trimethylbenzene	UG/KG	50.6	50.0	101	80-119
1,3,5-Trimethylbenzene	UG/KG	49.8	50.0	100	79-118
Vinyl chloride	UG/KG	47.6	50.0	95	67-127
Total Xylenes	UG/KG	0	150	0 *	82-120
Methyl-t-Butyl Ether (MTBE)	UG/KG	56.1	50.0	112	74-129

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: vblk41 msb41
Lab Sample ID: A7B1384504 A7B1384503

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
ASP 2000 - TCLP METHOD 8260 VOLATILES					
Benzene	MG/L	0.028	0.025	115	77-123
2-Butanone	MG/L	0.14	0.12	117	67-131
Carbon Tetrachloride	MG/L	0.030	0.025	121	75-128
Chlorobenzene	MG/L	0.026	0.025	107	77-121
Chloroform	MG/L	0.029	0.025	118	78-120
1,2-Dichloroethane	MG/L	0.029	0.025	120	74-126
Tetrachloroethene	MG/L	0.028	0.025	112	77-120
Trichloroethene	MG/L	0.029	0.025	119	77-123
Vinyl chloride	MG/L	0.025	0.025	101	67-127

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: vblk55 msb55
Lab Sample ID: A7B1359802 A7B1359801

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
LCS - ASP00 - METHOD 8260 VOLATILES - S					
Benzene	UG/KG	3484	3056	114	10-190
Toluene	UG/KG	3335	3056	109	10-190
Chlorobenzene	UG/KG	3443	3056	113	10-190
Trichloroethene	UG/KG	3507	3056	115	10-190
1,1-Dichloroethene	UG/KG	3336	3056	109	10-190

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Date : 09/10/2007 07:00:48

SAMPLE DATE 08/24/2007

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Client Sample ID: BH11(6-8) BH11(6-8) BH11(6-8)
Lab Sample ID: A7955201 A7955201MS A7955201SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			%	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg	RPD	RPD	REC.
LCS - ASP00- METHOD 8270 SEMIVOLATILES -												
Acenaphthene	UG/KG	0	3667	3574	4808	4750	76	75	76	1	24.0	53-120
Acenaphthylene	UG/KG	0	3687	3622	4808	4750	77	76	77	1	18.0	58-121
Acetophenone	UG/KG	0	3904	3780	4808	4750	81	80	81	1	20.0	66-120
Anthracene	UG/KG	0	3861	3775	4808	4750	80	79	80	1	15.0	62-129
Atrazine	UG/KG	0	4980	4831	4808	4750	104	102	103	2	20.0	73-133
Benzaldehyde	UG/KG	0	1458	903	4808	4750	30	19 *	25	45 *	20.0	21-120
Benzo(a)anthracene	UG/KG	0	3852	3700	4808	4750	80	78	79	2	15.0	65-133
Benzo(b)fluoranthene	UG/KG	0	3710	3442	4808	4750	77	72	75	7	15.0	64-135
Benzo(k)fluoranthene	UG/KG	0	3790	3699	4808	4750	79	78	79	1	22.0	58-138
Benzo(ghi)perylene	UG/KG	0	4178	4058	4808	4750	87	85	86	2	15.0	50-152
Benzo(a)pyrene	UG/KG	0	3698	3547	4808	4750	77	75	76	3	15.0	64-127
Biphenyl	UG/KG	0	4007	3935	4808	4750	83	83	83	0	20.0	71-120
Bis(2-chloroethoxy) methane	UG/KG	0	3448	3326	4808	4750	72	70	71	3	17.0	61-133
Bis(2-chloroethyl) ether	UG/KG	0	2959	2909	4808	4750	62	61	62	2	21.0	45-120
2,2'-Oxybis(1-Chloropropane)	UG/KG	0	3133	3015	4808	4750	65	63	64	3	24.0	44-120
Bis(2-ethylhexyl) phthalate	UG/KG	51.5	3924	3772	4808	4750	80	78	79	2	15.0	61-133
4-Bromophenyl phenyl ether	UG/KG	0	3789	3700	4808	4750	79	78	79	1	15.0	71-126
Butyl benzyl phthalate	UG/KG	0	4102	3951	4808	4750	85	83	84	2	16.0	61-129
Caprolactam	UG/KG	376	3940	3549	4808	4750	74	67	71	10	20.0	54-133
Carbazole	UG/KG	0	3754	3630	4808	4750	78	76	77	2	20.0	59-129
4-Chloroaniline	UG/KG	0	3690	3617	4808	4750	77	76	77	1	22.0	49-120
4-Chloro-3-methylphenol	UG/KG	0	3897	3777	4808	4750	81	80	81	1	27.0	19-125
2-Chloronaphthalene	UG/KG	0	3519	3496	4808	4750	73	74	74	1	21.0	57-120
2-Chlorophenol	UG/KG	0	3090	3088	4808	4750	64	65	65	2	25.0	38-120
4-Chlorophenyl phenyl ether	UG/KG	0	3593	3543	4808	4750	75	75	75	0	16.0	63-124
Chrysene	UG/KG	0	3863	3701	4808	4750	80	78	79	2	15.0	64-131
Dibenzo(a,h)anthracene	UG/KG	0	3794	3635	4808	4750	79	76	78	4	15.0	54-148
Dibenzofuran	UG/KG	0	3583	3481	4808	4750	74	73	74	1	15.0	56-120
Di-n-butyl phthalate	UG/KG	0	3857	3717	4808	4750	80	78	79	2	15.0	58-130
3,3'-Dichlorobenzidine	UG/KG	0	4256	4184	4808	4750	88	88	88	0	25.0	48-126
2,4-Dichlorophenol	UG/KG	0	3523	3547	4808	4750	73	75	74	3	19.0	52-120
Diethyl phthalate	UG/KG	0	3803	3701	4808	4750	79	78	79	1	15.0	66-126
2,4-Dimethylphenol	UG/KG	0	3745	3623	4808	4750	78	76	77	2	42.0	49-117
Dimethyl phthalate	UG/KG	0	3851	3714	4808	4750	80	78	79	2	15.0	65-124
4,6-Dinitro-2-methylphenol	UG/KG	0	4104	4085	4808	4750	85	86	86	1	15.0	49-155
2,4-Dinitrophenol	UG/KG	0	2946	2918	4808	4750	61	61	61	0	22.0	35-146
2,4-Dinitrotoluene	UG/KG	0	3419	3313	4808	4750	71	70	71	1	20.0	55-125
2,6-Dinitrotoluene	UG/KG	0	3470	3436	4808	4750	72	72	72	0	15.0	66-128
Di-n-octyl phthalate	UG/KG	0	3953	3824	4808	4750	82	80	81	2	16.0	62-133
Fluoranthene	UG/KG	0	3826	3700	4808	4750	80	78	79	2	15.0	62-131
Fluorene	UG/KG	12.7	3363	3317	4808	4750	70	70	70	0	15.0	63-126
Hexachlorobenzene	UG/KG	0	3753	3609	4808	4750	78	76	77	2	15.0	60-1[illegible]
Hexachlorobutadiene	UG/KG	0	3297	3376	4808	4750	68	71	70	4	44.0	45-[illegible]

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

STL Buffalo

Date : 09/10/2007 07:00:48 Rept: AN0364

SAMPLE DATE 08/24/2007

Client Sample ID: BH11(6-8) BH11(6-8) BH11(6-8)
Lab Sample ID: A7955201 A7955201MS A7955201SD

Analyte	Units of Measure	Concentration: Sample	Concentration: Matrix Spike	Concentration: Spike Duplicate	Spike Amount: MS	Spike Amount: MSD	% Recovery: MS	% Recovery: MSD	% Recovery: Avg	% RPD	QC LIMITS: RPD	QC LIMITS: REC.
LCS - ASP00- METHOD 8270 SEMIVOLATILES -												
Hexachlorocyclopentadiene	UG/KG	0	3298	3372	4808	4750	68	71	70	4	49.0	31-120
Hexachloroethane	UG/KG	0	3242	3232	4808	4750	67	68	68	1	46.0	41-120
Indeno(1,2,3-cd)pyrene	UG/KG	0	3926	3753	4808	4750	82	79	81	4	15.0	56-149
Isophorone	UG/KG	0	3500	3416	4808	4750	73	72	73	1	17.0	56-120
2-Methylnaphthalene	UG/KG	98.4	3643	3514	4808	4750	74	72	73	3	21.0	47-120
2-Methylphenol	UG/KG	0	3198	3085	4808	4750	66	65	66	2	27.0	48-120
4-Methylphenol	UG/KG	0	3405	3275	4808	4750	71	69	70	3	24.0	50-119
Naphthalene	UG/KG	131	3467	3476	4808	4750	69	70	70	1	29.0	46-120
2-Nitroaniline	UG/KG	0	3979	3966	4808	4750	83	84	84	1	15.0	61-130
3-Nitroaniline	UG/KG	0	3910	3807	4808	4750	81	80	81	1	19.0	61-127
4-Nitroaniline	UG/KG	0	3762	3715	4808	4750	78	78	78	0	24.0	63-128
Nitrobenzene	UG/KG	0	3323	3227	4808	4750	69	68	69	1	24.0	49-120
2-Nitrophenol	UG/KG	0	3421	3423	4808	4750	71	72	72	1	18.0	50-120
4-Nitrophenol	UG/KG	0	3868	3828	4808	4750	80	80	80	0	48.0	43-137
N-nitrosodiphenylamine	UG/KG	0	3606	3500	4808	4750	75	74	75	1	15.0	20-119
N-Nitroso-Di-n-propylamine	UG/KG	0	3800	3702	4808	4750	79	78	79	1	31.0	46-120
Pentachlorophenol	UG/KG	0	3683	3456	4808	4750	77	73	75	5	37.0	33-136
Phenanthrene	UG/KG	32.7	3827	3716	4808	4750	79	78	79	1	15.0	60-130
Phenol	UG/KG	0	3294	3201	4808	4750	68	67	68	1	34.0	36-120
Pyrene	UG/KG	0	3907	3764	4808	4750	81	79	80	2	19.0	51-133
2,4,5-Trichlorophenol	UG/KG	0	3816	3805	4808	4750	79	80	80	1	18.0	59-126
2,4,6-Trichlorophenol	UG/KG	0	3877	3813	4808	4750	81	80	81	1	19.0	59-123

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: SBLK Matrix Spike Blank
Lab Sample ID: A7B1351102 A7B1351101

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
LCS - ASP00- METHOD 8270 SEMIVOLATILES -					
Acenaphthene	UG/KG	2605	3325	78	53-120
Acenaphthylene	UG/KG	2617	3325	79	58-121
Acetophenone	UG/KG	2953	3325	89	66-120
Anthracene	UG/KG	2790	3325	84	62-129
Atrazine	UG/KG	3488	3325	105	73-133
Benzaldehyde	UG/KG	1979	3325	60	21-120
Benzo(a)anthracene	UG/KG	2839	3325	85	65-133
Benzo(b)fluoranthene	UG/KG	2662	3325	80	64-135
Benzo(k)fluoranthene	UG/KG	2850	3325	86	58-138
Benzo(ghi)perylene	UG/KG	2752	3325	83	50-152
Benzo(a)pyrene	UG/KG	2655	3325	80	64-127
Biphenyl	UG/KG	2794	3325	84	71-120
Bis(2-chloroethoxy) methane	UG/KG	2416	3325	73	61-133
Bis(2-chloroethyl) ether	UG/KG	2227	3325	67	45-120
2,2'-Oxybis(1-Chloropropane)	UG/KG	2368	3325	71	44-120
Bis(2-ethylhexyl) phthalate	UG/KG	2761	3325	82	61-133
4-Bromophenyl phenyl ether	UG/KG	2693	3325	81	71-126
Butyl benzyl phthalate	UG/KG	2865	3325	86	61-129
Caprolactam	UG/KG	2818	3325	85	54-133
Carbazole	UG/KG	2696	3325	81	59-129
4-Chloroaniline	UG/KG	2562	3325	77	49-120
4-Chloro-3-methylphenol	UG/KG	2698	3325	81	19-125
2-Chloronaphthalene	UG/KG	2480	3325	74	57-120
2-Chlorophenol	UG/KG	2243	3325	67	38-120
4-Chlorophenyl phenyl ether	UG/KG	2593	3325	78	63-124
Chrysene	UG/KG	2736	3325	82	64-131
Dibenzo(a,h)anthracene	UG/KG	2683	3325	81	54-148
Dibenzofuran	UG/KG	2566	3325	77	56-120
Di-n-butyl phthalate	UG/KG	2743	3325	82	58-130
3,3'-Dichlorobenzidine	UG/KG	3003	3325	90	48-126
2,4-Dichlorophenol	UG/KG	2462	3325	74	52-120
Diethyl phthalate	UG/KG	2751	3325	83	66-126
2,4-Dimethylphenol	UG/KG	2607	3325	78	49-117
Dimethyl phthalate	UG/KG	2803	3325	84	65-124
4,6-Dinitro-2-methylphenol	UG/KG	2963	3325	89	49-155
2,4-Dinitrophenol	UG/KG	2437	3325	73	35-146
2,4-Dinitrotoluene	UG/KG	2512	3325	76	55-125
2,6-Dinitrotoluene	UG/KG	2523	3325	76	66-128
Di-n-octyl phthalate	UG/KG	2729	3325	82	62-133
Fluoranthene	UG/KG	2717	3325	82	62-131
Fluorene	UG/KG	2438	3325	73	63-126
Hexachlorobenzene	UG/KG	2704	3325	81	60-132
Hexachlorobutadiene	UG/KG	2268	3325	68	45-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: SBLK Matrix Spike Blank
Lab Sample ID: A7B1351102 A7B1351101

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
LCS - ASP00- METHOD 8270 SEMIVOLATILES -					
Hexachlorocyclopentadiene	UG/KG	2265	3325	68	31-120
Hexachloroethane	UG/KG	2227	3325	67	41-120
Indeno(1,2,3-cd)pyrene	UG/KG	2754	3325	83	56-149
Isophorone	UG/KG	2439	3325	73	56-120
2-Methylnaphthalene	UG/KG	2437	3325	73	47-120
2-Methylphenol	UG/KG	2425	3325	73	48-120
4-Methylphenol	UG/KG	2505	3325	75	50-119
Naphthalene	UG/KG	2350	3325	71	46-120
2-Nitroaniline	UG/KG	2812	3325	84	61-130
3-Nitroaniline	UG/KG	2796	3325	84	61-127
4-Nitroaniline	UG/KG	2784	3325	84	63-128
Nitrobenzene	UG/KG	2323	3325	70	49-120
2-Nitrophenol	UG/KG	2389	3325	72	50-120
4-Nitrophenol	UG/KG	2672	3325	80	43-137
N-nitrosodiphenylamine	UG/KG	2596	3325	78	20-119
N-Nitroso-Di-n-propylamine	UG/KG	2472	3325	74	46-120
Pentachlorophenol	UG/KG	2567	3325	77	33-136
Phenanthrene	UG/KG	2731	3325	82	60-130
Phenol	UG/KG	2332	3325	70	36-120
Pyrene	UG/KG	2752	3325	83	51-133
2,4,5-Trichlorophenol	UG/KG	2678	3325	80	59-126
2,4,6-Trichlorophenol	UG/KG	2637	3325	79	59-123

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank Matrix Spike Blank
Lab Sample ID: A7B1351302 A7B1351301

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
LCS - ASP00 METHOD 8082 -POLYCHLORINATED					
Aroclor 1260	UG/KG	147	165	89	52-140
Aroclor 1016	UG/KG	131	165	80	59-134

LENDER CONSULTING SERVICES, INC.
RCRA Metals
LABORATORY CONTROL SAMPLE

Soil LCS Source: ERA D052-540

Lab Samp ID: A7B1340301
UM: MG/KG

Analyte	True	Found	C	Limits		%R
Arsenic	197	173		159	236	87.8
Barium	645	535		534	756	82.9
Cadmium	77.3	64.3		60.8	93.8	83.2
Chromium	129	117		104	154	90.7
Lead	106	92.1		86.6	125	86.9
Selenium	104	97.1		80.5	127	93.4
Silver	155	140		103	207	90.3

Soil LCS Source: ERA D052-540

Lab Samp ID: A7B1365001
UM: MG/KG

Analyte	True	Found	C	Limits		%R
Mercury	3.9	3.6		2.6	5.2	92.3

Client Sample ID: Method Blank LCS
Lab Sample ID: A7B1351504 A7B1351503

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
LCS - ASP00 - TOTAL CYANIDE 9012 - S	UG/KG	55486	65529	85	40-160

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SAMPLE CHRONOLOGY

LCS - ASP00 - METHOD 8260 VOLATILES - S

Client Sample ID Job No & Lab Sample ID	BH11(6-8) A07-9552 A7955201	BH11(6-8) A07-9552 A7955201DL	BH12(12-14.5) A07-9552 A7955202	BH13(8-10) A07-9552 A7955203	BH14(14-15.5) A07-9552 A7955204
Sample Date	08/24/2007 08:40	08/24/2007 08:40	08/24/2007 08:30	08/24/2007 09:25	08/24/2007 10:05
Received Date	08/24/2007 17:00	08/24/2007 17:00	08/24/2007 17:00	08/24/2007 17:00	08/24/2007 17:00
Extraction Date					
Analysis Date	08/27/2007 17:36	08/29/2007 17:51	08/27/2007 18:04	08/27/2007 18:32	08/27/2007 19:00
Extraction HT Met?	-	-	-	-	-
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL LOW	SOIL MED	SOIL LOW	SOIL LOW	SOIL LOW
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	5.24 GRAMS	4.17 GRAMS	5.12 GRAMS	5.34 GRAMS	5.13 GRAMS
% Dry	80.21	80.21	90.22	79.99	88.30

ASP 2000 - TCLP METHOD 8260 VOLATILES

Client Sample ID Job No & Lab Sample ID	BH11(6-8) A07-9552 A7955201	BH11(6-8) A07-9552 A7955201DL	BH12(12-14.5) A07-9552 A7955202	BH13(8-10) A07-9552 A7955203	BH14(14-15.5) A07-9552 A7955204
Sample Date	08/24/2007 08:40				
Received Date	08/24/2007 17:00				
TCLP Date/Time	08/31/2007 14:30				
Extraction Date					
Analysis Date	09/05/2007 07:43				
TCLP Extraction HT Met?	YES				
Extraction HT Met?	-	NA	NA	NA	NA
Analytical HT Met?	YES				
Sample Matrix	SOIL LOW				
Dilution Factor	10.0				
Sample wt/vol	0.005 LITERS				
% Dry					

NA = Not Applicable

LCS - ASP00 - METHOD 8260 VOLATILES - S

Client Sample ID Job No & Lab Sample ID	BH15(12-13.75) A07-9552 A7955205	BH15(12-13.75) A07-9552 A7955205DL	BH16(14-16) A07-9552 A7955206		
Sample Date	08/24/2007 11:20	08/24/2007 11:20	08/24/2007 12:30		
Received Date	08/24/2007 17:00	08/24/2007 17:00	08/24/2007 17:00		
Extraction Date					
Analysis Date	08/27/2007 19:29	08/29/2007 18:15	08/27/2007 19:57		
Extraction HT Met?	-	-	-		
Analytical HT Met?	YES	YES	YES		
Sample Matrix	SOIL LOW	SOIL MED	SOIL LOW		
Dilution Factor	1.0	1.0	1.0		
Sample wt/vol	5.26 GRAMS	4.05 GRAMS	5.3 GRAMS		
% Dry	85.64	85.64	92.49		

LCS - ASP00 - METHOD 8260 VOLATILES - S

Client Sample ID / Job No & Lab Sample ID	VBLK57 A07-9552 A7B1341102	vblk41 A07-9552 A7B1384504	vblk55 A07-9552 A7B1359802	z-1789 A07-9552 A7955207	
Sample Date					
Received Date					
Extraction Date					
Analysis Date	08/27/2007 16:08		08/29/2007 12:19		
Extraction HT Met?	-	NA	-	NA	
Analytical HT Met?	-		-		
Sample Matrix	SOIL LOW		SOIL MED		
Dilution Factor	1.0		1.0		
Sample wt/vol	5.0 GRAMS		4.14 GRAMS		
% Dry	100.00		100.00		

ASP 2000 - TCLP METHOD 8260 VOLATILES

Client Sample ID / Job No & Lab Sample ID	VBLK57 A07-9552 A7B1341102	vblk41 A07-9552 A7B1384504	vblk55 A07-9552 A7B1359802	z-1789 A07-9552 A7955207	
Sample Date					
Received Date					
TCLP Date/Time		-		-	
Extraction Date					
Analysis Date		09/04/2007 22:58		09/04/2007 23:28	
TCLP Extraction HT Met?		-		-	
Extraction HT Met?	NA	-	NA	-	
Analytical HT Met?		-		-	
Sample Matrix		SOIL LOW		SOIL LOW	
Dilution Factor		1.0		10.0	
Sample wt/vol		0.005 LITERS		0.005 LITERS	
% Dry					

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LCS - ASPOO- METHOD 8270 SEMIVOLATILES - S

Client Sample ID / Job No & Lab Sample ID	BH11(6-8) A07-9552 A7955201	BH12(12-14.5) A07-9552 A7955202	BH13(8-10) A07-9552 A7955203	BH14(14-15.5) A07-9552 A7955204	BH15(12-13.75) A07-9552 A7955205
Sample Date	08/24/2007 08:40	08/24/2007 08:30	08/24/2007 09:25	08/24/2007 10:05	08/24/2007 11:20
Received Date	08/24/2007 17:00	08/24/2007 17:00	08/24/2007 17:00	08/24/2007 17:00	08/24/2007 17:00
Extraction Date	08/29/2007 15:00	08/29/2007 15:00	08/29/2007 15:00	08/29/2007 15:00	08/29/2007 15:00
Analysis Date	08/30/2007 14:40	08/30/2007 15:48	08/30/2007 16:10	08/30/2007 16:33	08/30/2007 16:56
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	30.9 GRAMS	30.88 GRAMS	30.03 GRAMS	30.65 GRAMS	30.52 GRAMS
% Dry	69.11	91.02	80.44	88.61	87.28

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LCS - ASP00- METHOD 8270 SEMIVOLATILES - S

Client Sample ID Job No & Lab Sample ID	BH16(14-16) A07-9552 A7955206				
Sample Date	08/24/2007 12:30				
Received Date	08/24/2007 17:00				
Extraction Date	08/29/2007 15:00				
Analysis Date	08/30/2007 17:18				
Extraction HT Met?	YES				
Analytical HT Met?	YES				
Sample Matrix	SOIL LOW				
Dilution Factor	1.0				
Sample wt/vol	30.93 GRAMS				
% Dry	90.34				

NA = Not Applicable

LCS - ASP00- METHOD 8270 SEMIVOLATILES - S

Client Sample ID Job No & Lab Sample ID	SBLK A07-9552 A7B1351102				
Sample Date					
Received Date					
Extraction Date	08/29/2007 15:00				
Analysis Date	08/30/2007 14:18				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	SOIL LOW				
Dilution Factor	1.0				
Sample wt/vol	30.61 GRAMS				
% Dry	100.00				

NA = Not Applicable

LCS - ASP00 METHOD 8082 -POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	BH11(6-8) A07-9552 A7955201	BH12(12-14.5) A07-9552 A7955202	BH13(8-10) A07-9552 A7955203	BH14(14-15.5) A07-9552 A7955204	BH15(12-13.75) A07-9552 A7955205
Sample Date	08/24/2007 08:40	08/24/2007 08:30	08/24/2007 09:25	08/24/2007 10:05	08/24/2007 11:20
Received Date	08/24/2007 17:00	08/24/2007 17:00	08/24/2007 17:00	08/24/2007 17:00	08/24/2007 17:00
Extraction Date	08/29/2007 15:00	08/29/2007 15:00	08/29/2007 15:00	08/29/2007 15:00	08/29/2007 15:00
Analysis Date	08/31/2007 21:19	08/31/2007 21:33	08/31/2007 21:47	08/31/2007 22:01	08/31/2007 22:16
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW	SOIL LOW
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	30.31 GRAMS	30.92 GRAMS	30.31 GRAMS	30.51 GRAMS	30.83 GRAMS
% Dry	69.11	91.02	80.44	88.61	87.28

LCS - ASP00 METHOD 8082 -POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	BH16(14-16) A07-9552 A7955206				
Sample Date	08/24/2007 12:30				
Received Date	08/24/2007 17:00				
Extraction Date	08/29/2007 15:00				
Analysis Date	08/31/2007 22:30				
Extraction HT Met?	YES				
Analytical HT Met?	YES				
Sample Matrix	SOIL LOW				
Dilution Factor	1.0				
Sample wt/vol	30.08 GRAMS				
% Dry	90.34				

NA = Not Applicable

LCS - ASP00 METHOD 8082 -POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A07-9552 A7B1351302				
Sample Date					
Received Date					
Extraction Date	08/29/2007 15:00				
Analysis Date	08/31/2007 21:05				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	SOIL LOW				
Dilution Factor	1.0				
Sample wt/vol	30.32 GRAMS				
% Dry	100.00				

NA = Not Applicable

Lab ID	Sample ID	Lab	Analyte	Method	DF	% Dry	Sample wt/vol g/L	Sample Date	Receive Date	Analysis Date	ANL INI	A H	Matrix
A7955201	BH11(6-8)	RECNY	Arsenic - Total	6010	1.0	69.11	0.525 g	08/24/2007 08:40	08/24 17:00	08/28 20:47	TWS	Y	SOIL
		RECNY	Barium - Total	6010	1.0	69.11	0.525 g	08/24/2007 08:40	08/24 17:00	08/28 20:47	TWS	Y	SOIL
		RECNY	Cadmium - Total	6010	1.0	69.11	0.525 g	08/24/2007 08:40	08/24 17:00	08/28 20:47	TWS	Y	SOIL
		RECNY	Chromium - Total	6010	1.0	69.11	0.525 g	08/24/2007 08:40	08/24 17:00	08/28 20:47	TWS	Y	SOIL
		RECNY	Lead - Total	6010	1.0	69.11	0.525 g	08/24/2007 08:40	08/24 17:00	08/28 20:47	TWS	Y	SOIL
		RECNY	Mercury - Total	7471	1.0	69.11	0.6505 g	08/24/2007 08:40	08/24 17:00	08/31 17:00	MM	Y	SOIL
		RECNY	Selenium - Total	6010	1.0	69.11	0.525 g	08/24/2007 08:40	08/24 17:00	08/28 20:47	TWS	Y	SOIL
		RECNY	Silver - Total	6010	1.0	69.11	0.525 g	08/24/2007 08:40	08/24 17:00	08/28 20:47	TWS	Y	SOIL
A7955202	BH12(12-14.5)	RECNY	Arsenic - Total	6010	1.0	91.02	0.523 g	08/24/2007 08:30	08/24 17:00	08/28 21:07	TWS	Y	SOIL
		RECNY	Barium - Total	6010	1.0	91.02	0.523 g	08/24/2007 08:30	08/24 17:00	08/28 21:07	TWS	Y	SOIL
		RECNY	Cadmium - Total	6010	1.0	91.02	0.523 g	08/24/2007 08:30	08/24 17:00	08/28 21:07	TWS	Y	SOIL
		RECNY	Chromium - Total	6010	1.0	91.02	0.523 g	08/24/2007 08:30	08/24 17:00	08/28 21:07	TWS	Y	SOIL
		RECNY	Lead - Total	6010	1.0	91.02	0.523 g	08/24/2007 08:30	08/24 17:00	08/28 21:07	TWS	Y	SOIL
		RECNY	Mercury - Total	7471	1.0	91.02	0.5734 g	08/24/2007 08:30	08/24 17:00	08/31 17:02	MM	Y	SOIL
		RECNY	Selenium - Total	6010	1.0	91.02	0.523 g	08/24/2007 08:30	08/24 17:00	08/28 21:07	TWS	Y	SOIL
		RECNY	Silver - Total	6010	1.0	91.02	0.523 g	08/24/2007 08:30	08/24 17:00	08/28 21:07	TWS	Y	SOIL
A7955203	BH13(8-10)	RECNY	Arsenic - Total	6010	1.0	80.44	0.516 g	08/24/2007 09:25	08/24 17:00	08/28 21:12	TWS	Y	SOIL
		RECNY	Barium - Total	6010	1.0	80.44	0.516 g	08/24/2007 09:25	08/24 17:00	08/28 21:12	TWS	Y	SOIL
		RECNY	Cadmium - Total	6010	1.0	80.44	0.516 g	08/24/2007 09:25	08/24 17:00	08/28 21:12	TWS	Y	SOIL
		RECNY	Chromium - Total	6010	1.0	80.44	0.516 g	08/24/2007 09:25	08/24 17:00	08/28 21:12	TWS	Y	SOIL
		RECNY	Lead - Total	6010	1.0	80.44	0.516 g	08/24/2007 09:25	08/24 17:00	08/28 21:12	TWS	Y	SOIL
		RECNY	Mercury - Total	7471	1.0	80.44	0.6019 g	08/24/2007 09:25	08/24 17:00	08/31 16:16	MM	Y	SOIL
		RECNY	Selenium - Total	6010	1.0	80.44	0.516 g	08/24/2007 09:25	08/24 17:00	08/28 21:12	TWS	Y	SOIL
		RECNY	Silver - Total	6010	1.0	80.44	0.516 g	08/24/2007 09:25	08/24 17:00	08/28 21:12	TWS	Y	SOIL
A7955204	BH14(14-15.5)	RECNY	Arsenic - Total	6010	1.0	88.61	0.479 g	08/24/2007 10:05	08/24 17:00	08/28 21:17	TWS	Y	SOIL
		RECNY	Barium - Total	6010	1.0	88.61	0.479 g	08/24/2007 10:05	08/24 17:00	08/28 21:17	TWS	Y	SOIL
		RECNY	Cadmium - Total	6010	1.0	88.61	0.479 g	08/24/2007 10:05	08/24 17:00	08/28 21:17	TWS	Y	SOIL
		RECNY	Chromium - Total	6010	1.0	88.61	0.479 g	08/24/2007 10:05	08/24 17:00	08/28 21:17	TWS	Y	SOIL
		RECNY	Lead - Total	6010	1.0	88.61	0.479 g	08/24/2007 10:05	08/24 17:00	08/28 21:17	TWS	Y	SOIL
		RECNY	Mercury - Total	7471	1.0	88.61	0.5799 g	08/24/2007 10:05	08/24 17:00	08/31 16:21	MM	Y	SOIL
		RECNY	Selenium - Total	6010	1.0	88.61	0.479 g	08/24/2007 10:05	08/24 17:00	08/28 21:17	TWS	Y	SOIL
		RECNY	Silver - Total	6010	1.0	88.61	0.479 g	08/24/2007 10:05	08/24 17:00	08/28 21:17	TWS	Y	SOIL
A7955205	BH15(12-13.75)	RECNY	Arsenic - Total	6010	1.0	87.28	0.52 g	08/24/2007 11:20	08/24 17:00	08/28 21:23	TWS	Y	SOIL
		RECNY	Barium - Total	6010	1.0	87.28	0.52 g	08/24/2007 11:20	08/24 17:00	08/28 21:23	TWS	Y	SOIL
		RECNY	Cadmium - Total	6010	1.0	87.28	0.52 g	08/24/2007 11:20	08/24 17:00	08/28 21:23	TWS	Y	SOIL
		RECNY	Chromium - Total	6010	1.0	87.28	0.52 g	08/24/2007 11:20	08/24 17:00	08/28 21:23	TWS	Y	SOIL
		RECNY	Lead - Total	6010	1.0	87.28	0.52 g	08/24/2007 11:20	08/24 17:00	08/28 21:23	TWS	Y	SOIL
		RECNY	Mercury - Total	7471	1.0	87.28	0.5889 g	08/24/2007 11:20	08/24 17:00	08/31 16:22	MM	Y	SOIL
		RECNY	Selenium - Total	6010	1.0	87.28	0.52 g	08/24/2007 11:20	08/24 17:00	08/28 21:23	TWS	Y	SOIL
		RECNY	Silver - Total	6010	1.0	87.28	0.52 g	08/24/2007 11:20	08/24 17:00	08/28 21:23	TWS	Y	SOIL
A7955206	BH16(14-16)	RECNY	Arsenic - Total	6010	1.0	90.34	0.505 g	08/24/2007 12:30	08/24 17:00	08/28 21:28	TWS	Y	SOIL
		RECNY	Barium - Total	6010	1.0	90.34	0.505 g	08/24/2007 12:30	08/24 17:00	08/28 21:28	TWS	Y	SOIL
		RECNY	Cadmium - Total	6010	1.0	90.34	0.505 g	08/24/2007 12:30	08/24 17:00	08/28 21:28	TWS	Y	SOIL
		RECNY	Chromium - Total	6010	1.0	90.34	0.505 g	08/24/2007 12:30	08/24 17:00	08/28 21:28	TWS	Y	SOIL
		RECNY	Lead - Total	6010	1.0	90.34	0.505 g	08/24/2007 12:30	08/24 17:00	08/28 21:28	TWS	Y	SOIL
		RECNY	Mercury - Total	7471	1.0	90.34	0.5912 g	08/24/2007 12:30	08/24 17:00	08/31 17:03	MM	Y	SOIL
		RECNY	Selenium - Total	6010	1.0	90.34	0.505 g	08/24/2007 12:30	08/24 17:00	08/28 21:28	TWS	Y	SOIL
		RECNY	Silver - Total	6010	1.0	90.34	0.505 g	08/24/2007 12:30	08/24 17:00	08/28 21:28	TWS	Y	SOIL

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AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

Lab ID	Sample ID	Lab	Analyte	Method	DF	% Dry	Sample wt/vol	g/L	Sample Date	Receive Date	Analysis Date	ANL INI	AH	Matrix
A7B1340302	Method Blank	RECNY	Arsenic - Total	6010	1.0	100.00	0.5	g	-	-	08/28 20:37	TWS	Y	SOIL
		RECNY	Barium - Total	6010	1.0	100.00	0.5	g	-	-	08/28 20:37	TWS	Y	SOIL
		RECNY	Cadmium - Total	6010	1.0	100.00	0.5	g	-	-	08/28 20:37	TWS	Y	SOIL
		RECNY	Chromium - Total	6010	1.0	100.00	0.5	g	-	-	08/28 20:37	TWS	Y	SOIL
		RECNY	Lead - Total	6010	1.0	100.00	0.5	g	-	-	08/28 20:37	TWS	Y	SOIL
		RECNY	Selenium - Total	6010	1.0	100.00	0.5	g	-	-	08/28 20:37	TWS	Y	SOIL
		RECNY	Silver - Total	6010	1.0	100.00	0.5	g	-	-	08/28 20:37	TWS	Y	SOIL
A7B1365002	Method Blank	RECNY	Mercury - Total	7471	1.0	100.00	0.6	g	-	-	08/31 16:26	MM	Y	SOIL

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

NIAGARA FALLS PUBLIC SAFETY, 06B3027.22
SAMPLE CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	% Dry	Sample wt/vol g/L	Sample Date	Receive Date	Analysis Date	ANL INI	A H	Matrix
A7955201	BH11(6-8)	RECNY	Cyanide - Total	9012	1.0	69.11	0.5933 g	08/24/2007 08:40	08/24 17:00	08/31 09:11	LRM	Y	SOIL
A7955202	BH12(12-14.5)	RECNY	Cyanide - Total	9012	1.0	91.02	0.5877 g	08/24/2007 08:30	08/24 17:00	08/31 09:11	LRM	Y	SOIL
A7955203	BH13(8-10)	RECNY	Cyanide - Total	9012	1.0	80.44	0.566 g	08/24/2007 09:25	08/24 17:00	08/31 09:11	LRM	Y	SOIL
A7955204	BH14(14-15.5)	RECNY	Cyanide - Total	9012	1.0	88.61	0.6194 g	08/24/2007 10:05	08/24 17:00	08/31 09:11	LRM	Y	SOIL
A7955205	BH15(12-13.75)	RECNY	Cyanide - Total	9012	1.0	87.28	0.547 g	08/24/2007 11:20	08/24 17:00	08/31 09:11	LRM	Y	SOIL
A7955206	BH16(14-16)	RECNY	Cyanide - Total	9012	1.0	90.34	0.535 g	08/24/2007 12:30	08/24 17:00	08/31 09:11	LRM	Y	SOIL

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

NIAGARA FALLS PUBLIC SAFETY, 06B3027.22
QC CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	% Dry	Sample wt/vol g/L	Sample Date	Receive Date	Analysis Date	ANL INI	AH	Matrix
A7B1351504	Method Blank	RECNY	Cyanide - Total	9012	1.0	100.00	0.5 g	-	-	08/31 09:11	LRM	Y	SOIL

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

Chain of Custody Record

SEVERN TRENT **STL**
Severn Trent Laboratories, Inc.

TL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
LCS, Inc.	Doug Reid	8-24-07	299629

Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page
232 Delaware Ave	(716) 845-6145, (716) 845-6164		Page 1 of 1

City	State	Zip Code	Site Contact	Lab Contact
Buffalo	NY	14202		P. Morrow

Project Name and Location (State): 915 Cleveland Ave
Carrier/Waybill Number:
Contract/Purchase Order/Quote No.: OieB3027.22

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Matrix: Aqueous	Matrix: Sed.	Matrix: Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	8260 TCL	8270 TCL	RCRA Metals	TOC	PCB's
3H11 (6-8)	8-24-07	8:40				X	X						X	X	X	X	X
3H12 (12-14.5)	8-24-07	8:30				X	X						X	X	X	X	X
3H13 (8-10)	8-24-07	9:25				X	X						X	X	X	X	X
3H14 (14-15.5)	8-24-07	10:05				X	X						X	X	X	X	X
3H15 (12-13.75)	8-24-07	11:20				X	X						X	X	X	X	X
3H16 (14-16)	8-24-07	12:30				X	X						X	X	X	X	X

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other 10 BD

QC Requirements (Specify) Batch QC

1. Relinquished By	Date	Time	1. Received By	Date	Time
[signature]	8-24-07	17:00	[signature]	8/24/07	1700
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments: 2.0°

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A07-9621

Project#: NY4A9214
Site Name: LCS, INC.
Task: Niagara Falls Public Safety, 06B3027.22

Mr. Douglas Reid
LCS, Inc.
PO Box 406
Buffalo, NY 14205

STL Buffalo

Paul K. Morrow
Project Manager

09/10/2007

STL Buffalo
Current Certifications

As of 5/16/2007

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA,NELAP CWA, RCRA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	NELAP SDWA, CWA, RCRA	NY455
New York	NELAP AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

SAMPLE SUMMARY

			SAMPLED		RECEIVED	
LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE	TIME	DATE	TIME
A7962101	TPMW5	WATER	08/27/2007	11:38	08/27/2007	17:42
A7962102	TPMW6	WATER	08/27/2007	11:23	08/27/2007	17:42
A7962103	TPMW8	WATER	08/27/2007	11:56	08/27/2007	17:42
A7962104	TPMW9	WATER	08/27/2007	11:52	08/27/2007	17:42

METHODS SUMMARY

Job#: A07-9621

Project#: NY4A9214
Site Name: LCS, INC.

PARAMETER	ANALYTICAL METHOD
EPA ASP 2000 - METHOD 8260 VOLATILES	ASP00 8260
LCS - ASP00 - METHOD 8270 SEMIVOLATILES - W	ASP00 8270
LCS - ASP00 METHOD 8082 -POLYCHLORINATED BIPHENYLS	ASP00 8082

References:

ASP00 "Analytical Services Protocol", New York State Department of Environmental Conservation, June 2000.

SDG NARRATIVE

Job#: A07-9621

Project#: NY4A9214
Site Name: LCS, INC.

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A07-9621
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

The Matrix Spike Blank MSB44 A7B13898 was above control limits for several analytes. However, since these target analytes were non-detect in the samples and the high recovery would yield a high bias, no further corrective action was necessary.

The analytes methylene chloride and acetone were detected in the dilution for sample TPMW5. The dilution process involves additional manipulation of the sample, therefore, the sample detection for methylene chloride and acetone in the dilution may potentially be due to laboratory contamination and should be evaluated accordingly.

GC/MS Semivolatile Data

The spike recoveries for 4-Chlorophenyl phenyl and Dimethyl phthalate ether was below laboratory quality control limits in the Matrix Spike Blank A7B1367101. According to NELAC, if a large number of analytes are in the LCS, it becomes statistically likely that a few will be outside of control limits. Therefore, 3 analytes are allowed to fall outside the LCS control limits. No corrective action was required.

The spike recovery for 4-Chlorophenyl phenyyl ether was below laboratory quality control limits in the Matrix Spike Blank Duplicate A7B1367102. According to NELAC, if a large number of analytes are in the LCS, it becomes statistically likely that a few will be outside of control limits. Therefore, 3 analytes are allowed to fall outside the LCS control limits. No corrective action was required.

GC Extractable Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."

Paul K. Morrow
Project Manager

Date 9/10/07

Dilution Log w/Code Information
For Job A07-9621

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
TPMW5	A7962101	8260	125.00	008
TPMW5	A7962101DL	8260	200.00	008
TPMW6	A7962102	8260	5.00	003
TPMW8	A7962103	8260	5.00	003
TPMW9	A7962104	8260	5.00	003
TPMW9	A7962104DL	8260	200.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

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Niagara Falls Public Safety, 06B3027.22

Sample ID: TPMW5
Lab Sample ID: A7962101
Date Collected: 08/27/2007
Time Collected: 11:38

Date Received: 08/27/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP AQUEOUS - METHOD 8260 VOLATILES PLUS							
1,1,1-Trichloroethane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
1,1,2,2-Tetrachloroethane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
1,1,2-Trichloroethane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
1,1-Dichloroethane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
1,1-Dichloroethene	ND		1200	UG/L	8260	09/06/2007 13:23	LH
1,2,4-Trichlorobenzene	ND		1200	UG/L	8260	09/06/2007 13:23	LH
1,2,4-Trimethylbenzene	160		120	UG/L	8260	09/06/2007 13:23	LH
1,2-Dibromo-3-chloropropane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
1,2-Dibromoethane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
1,2-Dichlorobenzene	ND		1200	UG/L	8260	09/06/2007 13:23	LH
1,2-Dichloroethane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
1,2-Dichloropropane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
1,3,5-Trimethylbenzene	ND		120	UG/L	8260	09/06/2007 13:23	LH
1,3-Dichlorobenzene	ND		1200	UG/L	8260	09/06/2007 13:23	LH
1,4-Dichlorobenzene	ND		1200	UG/L	8260	09/06/2007 13:23	LH
2-Butanone	ND		1200	UG/L	8260	09/06/2007 13:23	LH
2-Hexanone	ND		1200	UG/L	8260	09/06/2007 13:23	LH
4-Methyl-2-pentanone	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Acetone	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Benzene	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Bromodichloromethane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Bromoform	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Bromomethane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Carbon Disulfide	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Carbon Tetrachloride	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Chlorobenzene	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Chloroethane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Chloroform	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Chloromethane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
cis-1,2-Dichloroethene	230	J	1200	UG/L	8260	09/06/2007 13:23	LH
cis-1,3-Dichloropropene	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Cyclohexane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Dibromochloromethane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Dichlorodifluoromethane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Ethylbenzene	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Isopropylbenzene	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Methyl acetate	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Methyl-t-Butyl Ether (MTBE)	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Methylcyclohexane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Methylene chloride	ND		1200	UG/L	8260	09/06/2007 13:23	LH
n-Butylbenzene	ND		120	UG/L	8260	09/06/2007 13:23	LH
n-Propylbenzene	ND		120	UG/L	8260	09/06/2007 13:23	LH
Naphthalene	ND		120	UG/L	8260	09/06/2007 13:23	LH
p-Cymene	ND		120	UG/L	8260	09/06/2007 13:23	LH
sec-Butylbenzene	ND		120	UG/L	8260	09/06/2007 13:23	LH
Styrene	ND		1200	UG/L	8260	09/06/2007 13:23	LH
tert-Butylbenzene	ND		120	UG/L	8260	09/06/2007 13:23	LH
Tetrachloroethene	16000	E	1200	UG/L	8260	09/06/2007 13:23	LH

Date: 09/10/2007
Time: 10:32:26

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Niagara Falls Public Safety, 06B3027.22

Sample ID: TPMW5
Lab Sample ID: A7962101
Date Collected: 08/27/2007
Time Collected: 11:38

Date Received: 08/27/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP AQUEOUS - METHOD 8260 VOLATILES PLUS							
Toluene	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Total Xylenes	ND		1200	UG/L	8260	09/06/2007 13:23	LH
trans-1,2-Dichloroethene	280	J	1200	UG/L	8260	09/06/2007 13:23	LH
trans-1,3-Dichloropropene	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Trichloroethene	310	J	1200	UG/L	8260	09/06/2007 13:23	LH
Trichlorofluoromethane	ND		1200	UG/L	8260	09/06/2007 13:23	LH
Vinyl chloride	87	J	1200	UG/L	8260	09/06/2007 13:23	LH
ASP LCS - AQUEOUS - 8270 SEMIVOLATILES							
2,2'-Oxybis(1-Chloropropane)	ND		5	UG/L	8270	09/04/2007 17:41	MD
2,4,5-Trichlorophenol	ND		5	UG/L	8270	09/04/2007 17:41	MD
2,4,6-Trichlorophenol	ND		5	UG/L	8270	09/04/2007 17:41	MD
2,4-Dichlorophenol	ND		5	UG/L	8270	09/04/2007 17:41	MD
2,4-Dimethylphenol	ND		5	UG/L	8270	09/04/2007 17:41	MD
2,4-Dinitrophenol	ND		10	UG/L	8270	09/04/2007 17:41	MD
2,4-Dinitrotoluene	ND		5	UG/L	8270	09/04/2007 17:41	MD
2,6-Dinitrotoluene	ND		5	UG/L	8270	09/04/2007 17:41	MD
2-Chloronaphthalene	ND		5	UG/L	8270	09/04/2007 17:41	MD
2-Chlorophenol	ND		5	UG/L	8270	09/04/2007 17:41	MD
2-Methylnaphthalene	1	J	5	UG/L	8270	09/04/2007 17:41	MD
2-Methylphenol	ND		5	UG/L	8270	09/04/2007 17:41	MD
2-Nitroaniline	ND		10	UG/L	8270	09/04/2007 17:41	MD
2-Nitrophenol	ND		5	UG/L	8270	09/04/2007 17:41	MD
3,3'-Dichlorobenzidine	ND		5	UG/L	8270	09/04/2007 17:41	MD
3-Nitroaniline	ND		10	UG/L	8270	09/04/2007 17:41	MD
4,6-Dinitro-2-methylphenol	ND		10	UG/L	8270	09/04/2007 17:41	MD
4-Bromophenyl phenyl ether	ND		5	UG/L	8270	09/04/2007 17:41	MD
4-Chloro-3-methylphenol	ND		5	UG/L	8270	09/04/2007 17:41	MD
4-Chloroaniline	ND		5	UG/L	8270	09/04/2007 17:41	MD
4-Chlorophenyl phenyl ether	ND		5	UG/L	8270	09/04/2007 17:41	MD
4-Methylphenol	ND		5	UG/L	8270	09/04/2007 17:41	MD
4-Nitroaniline	ND		10	UG/L	8270	09/04/2007 17:41	MD
4-Nitrophenol	ND		10	UG/L	8270	09/04/2007 17:41	MD
Acenaphthene	0.6	J	5	UG/L	8270	09/04/2007 17:41	MD
Acenaphthylene	ND		5	UG/L	8270	09/04/2007 17:41	MD
Acetophenone	ND		5	UG/L	8270	09/04/2007 17:41	MD
Anthracene	ND		5	UG/L	8270	09/04/2007 17:41	MD
Atrazine	ND		5	UG/L	8270	09/04/2007 17:41	MD
Benzaldehyde	ND		5	UG/L	8270	09/04/2007 17:41	MD
Benzo(a)anthracene	0.3	J	5	UG/L	8270	09/04/2007 17:41	MD
Benzo(a)pyrene	ND		5	UG/L	8270	09/04/2007 17:41	MD
Benzo(b)fluoranthene	ND		5	UG/L	8270	09/04/2007 17:41	MD
Benzo(ghi)perylene	ND		5	UG/L	8270	09/04/2007 17:41	MD
Benzo(k)fluoranthene	ND		5	UG/L	8270	09/04/2007 17:41	MD
Biphenyl	ND		5	UG/L	8270	09/04/2007 17:41	MD
Bis(2-chloroethoxy) methane	ND		5	UG/L	8270	09/04/2007 17:41	MD
Bis(2-chloroethyl) ether	ND		5	UG/L	8270	09/04/2007 17:41	MD
Bis(2-ethylhexyl) phthalate	ND		5	UG/L	8270	09/04/2007 17:41	MD
Butyl benzyl phthalate	ND		5	UG/L	8270	09/04/2007 17:41	MD

LCS, INC.
Niagara Falls Public Safety, 06B3027.22

Sample ID: TPMW5
Lab Sample ID: A7962101
Date Collected: 08/27/2007
Time Collected: 11:38

Date Received: 08/27/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP LCS - AQUEOUS - 8270 SEMIVOLATILES							
Caprolactam	ND		5	UG/L	8270	09/04/2007 17:41	MD
Carbazole	ND		5	UG/L	8270	09/04/2007 17:41	MD
Chrysene	ND		5	UG/L	8270	09/04/2007 17:41	MD
Di-n-butyl phthalate	0.4	J	5	UG/L	8270	09/04/2007 17:41	MD
Di-n-octyl phthalate	ND		5	UG/L	8270	09/04/2007 17:41	MD
Dibenzo(a,h)anthracene	ND		5	UG/L	8270	09/04/2007 17:41	MD
Dibenzofuran	0.4	J	5	UG/L	8270	09/04/2007 17:41	MD
Diethyl phthalate	1	J	5	UG/L	8270	09/04/2007 17:41	MD
Dimethyl phthalate	ND		5	UG/L	8270	09/04/2007 17:41	MD
Fluoranthene	0.3	J	5	UG/L	8270	09/04/2007 17:41	MD
Fluorene	0.9	J	5	UG/L	8270	09/04/2007 17:41	MD
Hexachlorobenzene	ND		5	UG/L	8270	09/04/2007 17:41	MD
Hexachlorobutadiene	ND		5	UG/L	8270	09/04/2007 17:41	MD
Hexachlorocyclopentadiene	ND		5	UG/L	8270	09/04/2007 17:41	MD
Hexachloroethane	ND		5	UG/L	8270	09/04/2007 17:41	MD
Indeno(1,2,3-cd)pyrene	ND		5	UG/L	8270	09/04/2007 17:41	MD
Isophorone	ND		5	UG/L	8270	09/04/2007 17:41	MD
N-Nitroso-Di-n-propylamine	ND		5	UG/L	8270	09/04/2007 17:41	MD
N-nitrosodiphenylamine	ND		5	UG/L	8270	09/04/2007 17:41	MD
Naphthalene	8		5	UG/L	8270	09/04/2007 17:41	MD
Nitrobenzene	ND		5	UG/L	8270	09/04/2007 17:41	MD
Pentachlorophenol	ND		10	UG/L	8270	09/04/2007 17:41	MD
Phenanthrene	ND		5	UG/L	8270	09/04/2007 17:41	MD
Phenol	ND		5	UG/L	8270	09/04/2007 17:41	MD
Pyrene	0.4	J	5	UG/L	8270	09/04/2007 17:41	MD
ASP LCS - 8082 - PCBS							
Aroclor 1016	ND		0.48	UG/L	8082	08/31/2007 18:28	AJ
Aroclor 1221	ND		0.48	UG/L	8082	08/31/2007 18:28	AJ
Aroclor 1232	ND		0.48	UG/L	8082	08/31/2007 18:28	AJ
Aroclor 1242	ND		0.48	UG/L	8082	08/31/2007 18:28	AJ
Aroclor 1248	ND		0.48	UG/L	8082	08/31/2007 18:28	AJ
Aroclor 1254	ND		0.48	UG/L	8082	08/31/2007 18:28	AJ
Aroclor 1260	ND		0.48	UG/L	8082	08/31/2007 18:28	AJ

Sample ID: TPMW5
Lab Sample ID: A7962101DL
Date Collected: 08/27/2007
Time Collected: 11:38

Date Received: 08/27/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP AQUEOUS - METHOD 8260 VOLATILES PLUS							
1,1,1-Trichloroethane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
1,1,2,2-Tetrachloroethane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
1,1,2-Trichloroethane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
1,1-Dichloroethane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
1,1-Dichloroethene	ND		2000	UG/L	8260	09/06/2007 18:22	LH
1,2,4-Trichlorobenzene	ND		2000	UG/L	8260	09/06/2007 18:22	LH
1,2,4-Trimethylbenzene	160	DJ	200	UG/L	8260	09/06/2007 18:22	LH
1,2-Dibromo-3-chloropropane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
1,2-Dibromoethane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
1,2-Dichlorobenzene	ND		2000	UG/L	8260	09/06/2007 18:22	LH
1,2-Dichloroethane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
1,2-Dichloropropane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
1,3,5-Trimethylbenzene	ND		200	UG/L	8260	09/06/2007 18:22	LH
1,3-Dichlorobenzene	ND		2000	UG/L	8260	09/06/2007 18:22	LH
1,4-Dichlorobenzene	ND		2000	UG/L	8260	09/06/2007 18:22	LH
2-Butanone	ND		2000	UG/L	8260	09/06/2007 18:22	LH
2-Hexanone	ND		2000	UG/L	8260	09/06/2007 18:22	LH
4-Methyl-2-pentanone	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Acetone	770	DJ	2000	UG/L	8260	09/06/2007 18:22	LH
Benzene	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Bromodichloromethane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Bromoform	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Bromomethane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Carbon Disulfide	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Carbon Tetrachloride	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Chlorobenzene	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Chloroethane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Chloroform	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Chloromethane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
cis-1,2-Dichloroethene	220	DJ	2000	UG/L	8260	09/06/2007 18:22	LH
cis-1,3-Dichloropropene	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Cyclohexane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Dibromochloromethane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Dichlorodifluoromethane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Ethylbenzene	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Isopropylbenzene	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Methyl acetate	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Methyl-t-Butyl Ether (MTBE)	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Methylcyclohexane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Methylene chloride	1000	DJ	2000	UG/L	8260	09/06/2007 18:22	LH
n-Butylbenzene	ND		200	UG/L	8260	09/06/2007 18:22	LH
n-Propylbenzene	ND		200	UG/L	8260	09/06/2007 18:22	LH
Naphthalene	ND		200	UG/L	8260	09/06/2007 18:22	LH
p-Cymene	ND		200	UG/L	8260	09/06/2007 18:22	LH
sec-Butylbenzene	ND		200	UG/L	8260	09/06/2007 18:22	LH
Styrene	ND		2000	UG/L	8260	09/06/2007 18:22	LH
tert-Butylbenzene	ND		200	UG/L	8260	09/06/2007 18:22	LH
Tetrachloroethene	16000	D	2000	UG/L	8260	09/06/2007 18:22	LH

LCS, INC.
Niagara Falls Public Safety, 06B3027.22

Sample ID: TPMW5
Lab Sample ID: A7962101DL
Date Collected: 08/27/2007
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Date Received: 08/27/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP AQUEOUS - METHOD 8260 VOLATILES PLUS							
Toluene	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Total Xylenes	ND		2000	UG/L	8260	09/06/2007 18:22	LH
trans-1,2-Dichloroethene	260	DJ	2000	UG/L	8260	09/06/2007 18:22	LH
trans-1,3-Dichloropropene	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Trichloroethene	310	DJ	2000	UG/L	8260	09/06/2007 18:22	LH
Trichlorofluoromethane	ND		2000	UG/L	8260	09/06/2007 18:22	LH
Vinyl chloride	ND		2000	UG/L	8260	09/06/2007 18:22	LH

Date: 09/10/2007
Time: 10:32:26

LCS, INC.
Niagara Falls Public Safety, 06B3027.22

Sample ID: TPMW6
Lab Sample ID: A7962102
Date Collected: 08/27/2007
Time Collected: 11:23

Date Received: 08/27/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP AQUEOUS - METHOD 8260 VOLATILES PLUS							
1,1,1-Trichloroethane	ND		50	UG/L	8260	09/06/2007 18:47	LH
1,1,2,2-Tetrachloroethane	ND		50	UG/L	8260	09/06/2007 18:47	LH
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	UG/L	8260	09/06/2007 18:47	LH
1,1,2-Trichloroethane	ND		50	UG/L	8260	09/06/2007 18:47	LH
1,1-Dichloroethane	ND		50	UG/L	8260	09/06/2007 18:47	LH
1,1-Dichloroethene	ND		50	UG/L	8260	09/06/2007 18:47	LH
1,2,4-Trichlorobenzene	ND		50	UG/L	8260	09/06/2007 18:47	LH
1,2,4-Trimethylbenzene	ND		5	UG/L	8260	09/06/2007 18:47	LH
1,2-Dibromo-3-chloropropane	ND		50	UG/L	8260	09/06/2007 18:47	LH
1,2-Dibromoethane	ND		50	UG/L	8260	09/06/2007 18:47	LH
1,2-Dichlorobenzene	ND		50	UG/L	8260	09/06/2007 18:47	LH
1,2-Dichloroethane	ND		50	UG/L	8260	09/06/2007 18:47	LH
1,2-Dichloropropane	ND		50	UG/L	8260	09/06/2007 18:47	LH
1,3,5-Trimethylbenzene	ND		5	UG/L	8260	09/06/2007 18:47	LH
1,3-Dichlorobenzene	ND		50	UG/L	8260	09/06/2007 18:47	LH
1,4-Dichlorobenzene	ND		50	UG/L	8260	09/06/2007 18:47	LH
2-Butanone	ND		50	UG/L	8260	09/06/2007 18:47	LH
2-Hexanone	ND		50	UG/L	8260	09/06/2007 18:47	LH
4-Methyl-2-pentanone	ND		50	UG/L	8260	09/06/2007 18:47	LH
Acetone	ND		50	UG/L	8260	09/06/2007 18:47	LH
Benzene	ND		50	UG/L	8260	09/06/2007 18:47	LH
Bromodichloromethane	ND		50	UG/L	8260	09/06/2007 18:47	LH
Bromoform	ND		50	UG/L	8260	09/06/2007 18:47	LH
Bromomethane	ND		50	UG/L	8260	09/06/2007 18:47	LH
Carbon Disulfide	ND		50	UG/L	8260	09/06/2007 18:47	LH
Carbon Tetrachloride	ND		50	UG/L	8260	09/06/2007 18:47	LH
Chlorobenzene	ND		50	UG/L	8260	09/06/2007 18:47	LH
Chloroethane	ND		50	UG/L	8260	09/06/2007 18:47	LH
Chloroform	ND		50	UG/L	8260	09/06/2007 18:47	LH
Chloromethane	ND		50	UG/L	8260	09/06/2007 18:47	LH
cis-1,2-Dichloroethene	ND		50	UG/L	8260	09/06/2007 18:47	LH
cis-1,3-Dichloropropene	ND		50	UG/L	8260	09/06/2007 18:47	LH
Cyclohexane	ND		50	UG/L	8260	09/06/2007 18:47	LH
Dibromochloromethane	ND		50	UG/L	8260	09/06/2007 18:47	LH
Dichlorodifluoromethane	ND		50	UG/L	8260	09/06/2007 18:47	LH
Ethylbenzene	ND		50	UG/L	8260	09/06/2007 18:47	LH
Isopropylbenzene	ND		50	UG/L	8260	09/06/2007 18:47	LH
Methyl acetate	ND		50	UG/L	8260	09/06/2007 18:47	LH
Methyl-t-Butyl Ether (MTBE)	ND		50	UG/L	8260	09/06/2007 18:47	LH
Methylcyclohexane	ND		50	UG/L	8260	09/06/2007 18:47	LH
Methylene chloride	ND		50	UG/L	8260	09/06/2007 18:47	LH
n-Butylbenzene	ND		5	UG/L	8260	09/06/2007 18:47	LH
n-Propylbenzene	ND		5	UG/L	8260	09/06/2007 18:47	LH
Naphthalene	ND		5	UG/L	8260	09/06/2007 18:47	LH
p-Cymene	ND		5	UG/L	8260	09/06/2007 18:47	LH
sec-Butylbenzene	ND		5	UG/L	8260	09/06/2007 18:47	LH
Styrene	ND		50	UG/L	8260	09/06/2007 18:47	LH
tert-Butylbenzene	ND		5	UG/L	8260	09/06/2007 18:47	LH
Tetrachloroethene	4	J	50	UG/L	8260	09/06/2007 18:47	LH

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Niagara Falls Public Safety, 06B3027.22

Sample ID: TPMW6
Lab Sample ID: A7962102
Date Collected: 08/27/2007
Time Collected: 11:23

Date Received: 08/27/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP AQUEOUS - METHOD 8260 VOLATILES PLUS							
Toluene	ND		50	UG/L	8260	09/06/2007 18:47	LH
Total Xylenes	ND		50	UG/L	8260	09/06/2007 18:47	LH
trans-1,2-Dichloroethene	ND		50	UG/L	8260	09/06/2007 18:47	LH
trans-1,3-Dichloropropene	ND		50	UG/L	8260	09/06/2007 18:47	LH
Trichloroethene	ND		50	UG/L	8260	09/06/2007 18:47	LH
Trichlorofluoromethane	ND		50	UG/L	8260	09/06/2007 18:47	LH
Vinyl chloride	ND		50	UG/L	8260	09/06/2007 18:47	LH

Date: 09/10/2007
Time: 10:32:26

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Sample ID: TPMW8
Lab Sample ID: A7962103
Date Collected: 08/27/2007
Time Collected: 11:56

Date Received: 08/27/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP AQUEOUS - METHOD 8260 VOLATILES PLUS							
1,1,1-Trichloroethane	ND		50	UG/L	8260	09/06/2007 19:12	LH
1,1,2,2-Tetrachloroethane	ND		50	UG/L	8260	09/06/2007 19:12	LH
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	UG/L	8260	09/06/2007 19:12	LH
1,1,2-Trichloroethane	ND		50	UG/L	8260	09/06/2007 19:12	LH
1,1-Dichloroethane	ND		50	UG/L	8260	09/06/2007 19:12	LH
1,1-Dichloroethene	ND		50	UG/L	8260	09/06/2007 19:12	LH
1,2,4-Trichlorobenzene	ND		50	UG/L	8260	09/06/2007 19:12	LH
1,2,4-Trimethylbenzene	ND		5	UG/L	8260	09/06/2007 19:12	LH
1,2-Dibromo-3-chloropropane	ND		50	UG/L	8260	09/06/2007 19:12	LH
1,2-Dibromoethane	ND		50	UG/L	8260	09/06/2007 19:12	LH
1,2-Dichlorobenzene	ND		50	UG/L	8260	09/06/2007 19:12	LH
1,2-Dichloroethane	ND		50	UG/L	8260	09/06/2007 19:12	LH
1,2-Dichloropropane	ND		50	UG/L	8260	09/06/2007 19:12	LH
1,3,5-Trimethylbenzene	ND		5	UG/L	8260	09/06/2007 19:12	LH
1,3-Dichlorobenzene	ND		50	UG/L	8260	09/06/2007 19:12	LH
1,4-Dichlorobenzene	ND		50	UG/L	8260	09/06/2007 19:12	LH
2-Butanone	ND		50	UG/L	8260	09/06/2007 19:12	LH
2-Hexanone	ND		50	UG/L	8260	09/06/2007 19:12	LH
4-Methyl-2-pentanone	ND		50	UG/L	8260	09/06/2007 19:12	LH
Acetone	ND		50	UG/L	8260	09/06/2007 19:12	LH
Benzene	ND		50	UG/L	8260	09/06/2007 19:12	LH
Bromodichloromethane	ND		50	UG/L	8260	09/06/2007 19:12	LH
Bromoform	ND		50	UG/L	8260	09/06/2007 19:12	LH
Bromomethane	ND		50	UG/L	8260	09/06/2007 19:12	LH
Carbon Disulfide	ND		50	UG/L	8260	09/06/2007 19:12	LH
Carbon Tetrachloride	ND		50	UG/L	8260	09/06/2007 19:12	LH
Chlorobenzene	ND		50	UG/L	8260	09/06/2007 19:12	LH
Chloroethane	ND		50	UG/L	8260	09/06/2007 19:12	LH
Chloroform	ND		50	UG/L	8260	09/06/2007 19:12	LH
Chloromethane	ND		50	UG/L	8260	09/06/2007 19:12	LH
cis-1,2-Dichloroethene	ND		50	UG/L	8260	09/06/2007 19:12	LH
cis-1,3-Dichloropropene	ND		50	UG/L	8260	09/06/2007 19:12	LH
Cyclohexane	ND		50	UG/L	8260	09/06/2007 19:12	LH
Dibromochloromethane	ND		50	UG/L	8260	09/06/2007 19:12	LH
Dichlorodifluoromethane	ND		50	UG/L	8260	09/06/2007 19:12	LH
Ethylbenzene	ND		50	UG/L	8260	09/06/2007 19:12	LH
Isopropylbenzene	ND		50	UG/L	8260	09/06/2007 19:12	LH
Methyl acetate	ND		50	UG/L	8260	09/06/2007 19:12	LH
Methyl-t-Butyl Ether (MTBE)	ND		50	UG/L	8260	09/06/2007 19:12	LH
Methylcyclohexane	ND		50	UG/L	8260	09/06/2007 19:12	LH
Methylene chloride	ND		50	UG/L	8260	09/06/2007 19:12	LH
n-Butylbenzene	ND		5	UG/L	8260	09/06/2007 19:12	LH
n-Propylbenzene	ND		5	UG/L	8260	09/06/2007 19:12	LH
Naphthalene	ND		5	UG/L	8260	09/06/2007 19:12	LH
p-Cymene	ND		5	UG/L	8260	09/06/2007 19:12	LH
sec-Butylbenzene	ND		5	UG/L	8260	09/06/2007 19:12	LH
Styrene	ND		50	UG/L	8260	09/06/2007 19:12	LH
tert-Butylbenzene	ND		5	UG/L	8260	09/06/2007 19:12	LH
Tetrachloroethene	4	J	50	UG/L	8260	09/06/2007 19:12	LH

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Sample ID: TPMW8	Date Received: 08/27/2007
Lab Sample ID: A7962103	Project No: NY4A9214
Date Collected: 08/27/2007	Client No: 429697
Time Collected: 11:56	Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP AQUEOUS - METHOD 8260 VOLATILES PLUS							
Toluene	ND		50	UG/L	8260	09/06/2007 19:12	LH
Total Xylenes	ND		50	UG/L	8260	09/06/2007 19:12	LH
trans-1,2-Dichloroethene	ND		50	UG/L	8260	09/06/2007 19:12	LH
trans-1,3-Dichloropropene	ND		50	UG/L	8260	09/06/2007 19:12	LH
Trichloroethene	ND		50	UG/L	8260	09/06/2007 19:12	LH
Trichlorofluoromethane	ND		50	UG/L	8260	09/06/2007 19:12	LH
Vinyl chloride	ND		50	UG/L	8260	09/06/2007 19:12	LH

Sample ID: TPMW9
Lab Sample ID: A7962104
Date Collected: 08/27/2007
Time Collected: 11:52

Date Received: 08/27/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP AQUEOUS - METHOD 8260 VOLATILES PLUS							
1,1,1-Trichloroethane	ND		50	UG/L	8260	09/06/2007 02:06	ND
1,1,2,2-Tetrachloroethane	ND		50	UG/L	8260	09/06/2007 02:06	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		50	UG/L	8260	09/06/2007 02:06	ND
1,1,2-Trichloroethane	ND		50	UG/L	8260	09/06/2007 02:06	ND
1,1-Dichloroethane	ND		50	UG/L	8260	09/06/2007 02:06	ND
1,1-Dichloroethene	ND		50	UG/L	8260	09/06/2007 02:06	ND
1,2,4-Trichlorobenzene	ND		50	UG/L	8260	09/06/2007 02:06	ND
1,2,4-Trimethylbenzene	ND		5	UG/L	8260	09/06/2007 02:06	ND
1,2-Dibromo-3-chloropropane	ND		50	UG/L	8260	09/06/2007 02:06	ND
1,2-Dibromoethane	ND		50	UG/L	8260	09/06/2007 02:06	ND
1,2-Dichlorobenzene	ND		50	UG/L	8260	09/06/2007 02:06	ND
1,2-Dichloroethane	ND		50	UG/L	8260	09/06/2007 02:06	ND
1,2-Dichloropropane	ND		50	UG/L	8260	09/06/2007 02:06	ND
1,3,5-Trimethylbenzene	ND		5	UG/L	8260	09/06/2007 02:06	ND
1,3-Dichlorobenzene	ND		50	UG/L	8260	09/06/2007 02:06	ND
1,4-Dichlorobenzene	ND		50	UG/L	8260	09/06/2007 02:06	ND
2-Butanone	ND		50	UG/L	8260	09/06/2007 02:06	ND
2-Hexanone	ND		50	UG/L	8260	09/06/2007 02:06	ND
4-Methyl-2-pentanone	ND		50	UG/L	8260	09/06/2007 02:06	ND
Acetone	ND		50	UG/L	8260	09/06/2007 02:06	ND
Benzene	ND		50	UG/L	8260	09/06/2007 02:06	ND
Bromodichloromethane	ND		50	UG/L	8260	09/06/2007 02:06	ND
Bromoform	ND		50	UG/L	8260	09/06/2007 02:06	ND
Bromomethane	ND		50	UG/L	8260	09/06/2007 02:06	ND
Carbon Disulfide	ND		50	UG/L	8260	09/06/2007 02:06	ND
Carbon Tetrachloride	ND		50	UG/L	8260	09/06/2007 02:06	ND
Chlorobenzene	ND		50	UG/L	8260	09/06/2007 02:06	ND
Chloroethane	ND		50	UG/L	8260	09/06/2007 02:06	ND
Chloroform	ND		50	UG/L	8260	09/06/2007 02:06	ND
Chloromethane	ND		50	UG/L	8260	09/06/2007 02:06	ND
cis-1,2-Dichloroethene	ND		50	UG/L	8260	09/06/2007 02:06	ND
cis-1,3-Dichloropropene	ND		50	UG/L	8260	09/06/2007 02:06	ND
Cyclohexane	ND		50	UG/L	8260	09/06/2007 02:06	ND
Dibromochloromethane	ND		50	UG/L	8260	09/06/2007 02:06	ND
Dichlorodifluoromethane	ND		50	UG/L	8260	09/06/2007 02:06	ND
Ethylbenzene	ND		50	UG/L	8260	09/06/2007 02:06	ND
Isopropylbenzene	ND		50	UG/L	8260	09/06/2007 02:06	ND
Methyl acetate	ND		50	UG/L	8260	09/06/2007 02:06	ND
Methyl-t-Butyl Ether (MTBE)	ND		50	UG/L	8260	09/06/2007 02:06	ND
Methylcyclohexane	ND		50	UG/L	8260	09/06/2007 02:06	ND
Methylene chloride	ND		50	UG/L	8260	09/06/2007 02:06	ND
n-Butylbenzene	ND		5	UG/L	8260	09/06/2007 02:06	ND
n-Propylbenzene	ND		5	UG/L	8260	09/06/2007 02:06	ND
Naphthalene	ND		5	UG/L	8260	09/06/2007 02:06	ND
p-Cymene	ND		5	UG/L	8260	09/06/2007 02:06	ND
sec-Butylbenzene	ND		5	UG/L	8260	09/06/2007 02:06	ND
Styrene	ND		50	UG/L	8260	09/06/2007 02:06	ND
tert-Butylbenzene	ND		5	UG/L	8260	09/06/2007 02:06	ND
Tetrachloroethene	6700	E	50	UG/L	8260	09/06/2007 02:06	ND

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Niagara Falls Public Safety, 06B3027.22

Sample ID: TPMW9
Lab Sample ID: A7962104
Date Collected: 08/27/2007
Time Collected: 11:52

Date Received: 08/27/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP AQUEOUS - METHOD 8260 VOLATILES PLUS							
Toluene	ND		50	UG/L	8260	09/06/2007 02:06	ND
Total Xylenes	ND		50	UG/L	8260	09/06/2007 02:06	ND
trans-1,2-Dichloroethene	ND		50	UG/L	8260	09/06/2007 02:06	ND
trans-1,3-Dichloropropene	ND		50	UG/L	8260	09/06/2007 02:06	ND
Trichloroethene	13	J	50	UG/L	8260	09/06/2007 02:06	ND
Trichlorofluoromethane	ND		50	UG/L	8260	09/06/2007 02:06	ND
Vinyl chloride	ND		50	UG/L	8260	09/06/2007 02:06	ND

Sample ID: TPMW9
Lab Sample ID: A7962104DL
Date Collected: 08/27/2007
Time Collected: 11:52

Date Received: 08/27/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP AQUEOUS - METHOD 8260 VOLATILES PLUS							
1,1,1-Trichloroethane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
1,1,2,2-Tetrachloroethane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
1,1,2-Trichloroethane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
1,1-Dichloroethane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
1,1-Dichloroethene	ND		2000	UG/L	8260	09/06/2007 19:36	LH
1,2,4-Trichlorobenzene	ND		2000	UG/L	8260	09/06/2007 19:36	LH
1,2,4-Trimethylbenzene	ND		200	UG/L	8260	09/06/2007 19:36	LH
1,2-Dibromo-3-chloropropane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
1,2-Dibromoethane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
1,2-Dichlorobenzene	ND		2000	UG/L	8260	09/06/2007 19:36	LH
1,2-Dichloroethane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
1,2-Dichloropropane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
1,3,5-Trimethylbenzene	ND		200	UG/L	8260	09/06/2007 19:36	LH
1,3-Dichlorobenzene	ND		2000	UG/L	8260	09/06/2007 19:36	LH
1,4-Dichlorobenzene	ND		2000	UG/L	8260	09/06/2007 19:36	LH
2-Butanone	ND		2000	UG/L	8260	09/06/2007 19:36	LH
2-Hexanone	ND		2000	UG/L	8260	09/06/2007 19:36	LH
4-Methyl-2-pentanone	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Acetone	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Benzene	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Bromodichloromethane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Bromoform	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Bromomethane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Carbon Disulfide	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Carbon Tetrachloride	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Chlorobenzene	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Chloroethane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Chloroform	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Chloromethane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
cis-1,2-Dichloroethene	ND		2000	UG/L	8260	09/06/2007 19:36	LH
cis-1,3-Dichloropropene	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Cyclohexane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Dibromochloromethane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Dichlorodifluoromethane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Ethylbenzene	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Isopropylbenzene	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Methyl acetate	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Methyl-t-Butyl Ether (MTBE)	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Methylcyclohexane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Methylene chloride	ND		2000	UG/L	8260	09/06/2007 19:36	LH
n-Butylbenzene	ND		200	UG/L	8260	09/06/2007 19:36	LH
n-Propylbenzene	ND		200	UG/L	8260	09/06/2007 19:36	LH
Naphthalene	ND		200	UG/L	8260	09/06/2007 19:36	LH
p-Cymene	ND		200	UG/L	8260	09/06/2007 19:36	LH
sec-Butylbenzene	ND		200	UG/L	8260	09/06/2007 19:36	LH
Styrene	ND		2000	UG/L	8260	09/06/2007 19:36	LH
tert-Butylbenzene	ND		200	UG/L	8260	09/06/2007 19:36	LH
Tetrachloroethene	11000	D	2000	UG/L	8260	09/06/2007 19:36	LH

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Niagara Falls Public Safety, 06B3027.22

Sample ID: TPMW9
Lab Sample ID: A7962104DL
Date Collected: 08/27/2007
Time Collected: 11:52

Date Received: 08/27/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP AQUEOUS - METHOD 8260 VOLATILES PLUS							
Toluene	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Total Xylenes	ND		2000	UG/L	8260	09/06/2007 19:36	LH
trans-1,2-Dichloroethene	ND		2000	UG/L	8260	09/06/2007 19:36	LH
trans-1,3-Dichloropropene	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Trichloroethene	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Trichlorofluoromethane	ND		2000	UG/L	8260	09/06/2007 19:36	LH
Vinyl chloride	ND		2000	UG/L	8260	09/06/2007 19:36	LH

LCS - ASP00 - METHOD 8270 SEMIVOLATILES - W
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TPMW5

Lab Name: STL Buffalo Contract: ______

Lab Code: RECNY Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) WATER Lab Sample ID: A7962101

Sample wt/vol: 960.00 (g/mL) ML Lab File ID: U23138.RR

Level: (low/med) LOW Date Samp/Recv: 08/27/2007 08/27/2007

% Moisture: ____ decanted: (Y/N) N Date Extracted: 08/31/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2007

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 18

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 111-84-2	NONANE	4.30	64	JN
2.	UNKNOWN	4.64	60	J
3. 2051-30-1	2,6-DIMETHYLOCTANE	4.75	160	JN
4.	UNKNOWN ALKANE	4.82	72	J
5.	UNKNOWN ALKANE	4.99	75	J
6.	UNKNOWN ALKANE	5.08	67	J
7.	UNKNOWN	5.12	160	J
8.	TRIMETHYLBENZENE ISOMER	5.22	100	J
9.	1-METHYL-2-PROPYL CYCLOHEXAN	5.39	120	J
10.	TRIMETHYLBENZENE ISOMER	5.52	150	J
11. 124-18-5	DECANE	5.53	210	JN
12.	TRIMETHYLBENZENE ISOMER	5.82	92	J
13. 1074-43-7	1-METHYL-3-PROPYLBENZENE	6.12	100	JN
14.	DIETHYLBENZENE ISOMER	6.17	96	J
15. 1120-21-4	UNDECANE	6.56	140	JN
16.	TETRAMETHYLBENZENE ISOMER	6.80	70	J
17.	UNKNOWN	6.95	66	J
18. 1921-70-6	1,6,10,14-TETRAMETHYLPENTADE	10.84	71	JN

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TPMW5

Lab Name: STL Buffalo Contract: ____________

Lab Code: RECNY Case No.: _____ SAS No.: ______ SDG No.: ______

Matrix: (soil/water) WATER Lab Sample ID: A7962101

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S6098.RR

Level: (low/med) LOW Date Samp/Recv: 08/27/2007 08/27/2007

% Moisture: not dec. ______ Date Analyzed: 09/06/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 125.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ________ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TPMW5

Lab Name: STL Buffalo Contract: ______

Lab Code: RECNY Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) WATER Lab Sample ID: A7962101DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S6110.RR

Level: (low/med) LOW Date Samp/Recv: 08/27/2007 08/27/2007

% Moisture: not dec. ____ Date Analyzed: 09/06/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 200.00

Soil Extract Volume: ____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 2

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.23	1000	J
2.	UNKNOWN	9.72	1400	J

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TPMW6

Lab Name: STL Buffalo Contract: ____

Lab Code: RECNY Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) WATER Lab Sample ID: A7962102

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S6111.RR

Level: (low/med) LOW Date Samp/Recv: 08/27/2007 08/27/2007

% Moisture: not dec. ____ Date Analyzed: 09/06/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 5.00

Soil Extract Volume: ____ (uL) Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TPMW8

Lab Name: STL Buffalo   Contract: ______

Lab Code: RECNY   Case No.: ____   SAS No.: ____   SDG No.: ____

Matrix: (soil/water) WATER   Lab Sample ID: A7962103

Sample wt/vol: 5.00 (g/mL) ML   Lab File ID: S6112.RR

Level: (low/med) LOW   Date Samp/Recv: 08/27/2007 08/27/2007

% Moisture: not dec. ____   Date Analyzed: 09/06/2007

GC Column: ZB-624   ID: 0.18 (mm)   Dilution Factor: 5.00

Soil Extract Volume: ____ (uL)   Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TPMW9

Lab Name: STL Buffalo Contract: ____

Lab Code: RECNY Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) WATER Lab Sample ID: A7962104

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S6077.RR

Level: (low/med) LOW Date Samp/Recv: 08/27/2007 08/27/2007

% Moisture: not dec. ____ Date Analyzed: 09/06/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 5.00

Soil Extract Volume: ____ (uL) Soil Aliquot Volume: ____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

Chronology and QC
Summary Package

Date: 09/10/2007
Time: 10:32:37

LCS, INC.
Niagara Falls Public Safety, 06B3027.22
EPA ASP 2000 - METHOD 8260 VOLATILES

Rept: AN1247

Client ID Job No Lab ID Sample Date		VBLK45 A07-9621	A7B1392902	vblk44 A07-9621	A7B1389802				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Chloromethane	UG/L	ND	10	ND	10	NA		NA	
Bromomethane	UG/L	ND	10	ND	10	NA		NA	
Vinyl chloride	UG/L	ND	10	ND	10	NA		NA	
Chloroethane	UG/L	ND	10	ND	10	NA		NA	
Methylene chloride	UG/L	ND	10	ND	10	NA		NA	
Acetone	UG/L	ND	10	ND	10	NA		NA	
Carbon Disulfide	UG/L	ND	10	ND	10	NA		NA	
1,1-Dichloroethene	UG/L	ND	10	ND	10	NA		NA	
1,1-Dichloroethane	UG/L	ND	10	ND	10	NA		NA	
Chloroform	UG/L	ND	10	ND	10	NA		NA	
1,2-Dichloroethane	UG/L	ND	10	ND	10	NA		NA	
2-Butanone	UG/L	ND	10	ND	10	NA		NA	
1,1,1-Trichloroethane	UG/L	ND	10	ND	10	NA		NA	
Carbon Tetrachloride	UG/L	ND	10	ND	10	NA		NA	
Bromodichloromethane	UG/L	ND	10	ND	10	NA		NA	
1,2-Dichloropropane	UG/L	ND	10	ND	10	NA		NA	
cis-1,3-Dichloropropene	UG/L	ND	10	ND	10	NA		NA	
Trichloroethene	UG/L	ND	10	ND	10	NA		NA	
Dibromochloromethane	UG/L	ND	10	ND	10	NA		NA	
1,1,2-Trichloroethane	UG/L	ND	10	ND	10	NA		NA	
Benzene	UG/L	ND	10	ND	10	NA		NA	
trans-1,3-Dichloropropene	UG/L	ND	10	ND	10	NA		NA	
Bromoform	UG/L	ND	10	ND	10	NA		NA	
4-Methyl-2-pentanone	UG/L	ND	10	ND	10	NA		NA	
2-Hexanone	UG/L	ND	10	ND	10	NA		NA	
Tetrachloroethene	UG/L	ND	10	ND	10	NA		NA	
Toluene	UG/L	ND	10	ND	10	NA		NA	
1,1,2,2-Tetrachloroethane	UG/L	ND	10	ND	10	NA		NA	
Chlorobenzene	UG/L	ND	10	ND	10	NA		NA	
Ethylbenzene	UG/L	ND	10	ND	10	NA		NA	
Styrene	UG/L	ND	10	ND	10	NA		NA	
Total Xylenes	UG/L	ND	10	ND	10	NA		NA	
Dichlorodifluoromethane	UG/L	ND	10	ND	10	NA		NA	
Trichlorofluoromethane	UG/L	ND	10	ND	10	NA		NA	
1,1,2-Trichloro-1,2,2-trifluor	UG/L	ND	10	ND	10	NA		NA	
trans-1,2-Dichloroethene	UG/L	ND	10	ND	10	NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/L	ND	10	ND	10	NA		NA	
cis-1,2-Dichloroethene	UG/L	ND	10	ND	10	NA		NA	
Cyclohexane	UG/L	ND	10	ND	10	NA		NA	
Methylcyclohexane	UG/L	ND	10	ND	10	NA		NA	
1,2-Dibromoethane	UG/L	ND	10	ND	10	NA		NA	
Isopropylbenzene	UG/L	ND	10	ND	10	NA		NA	
1,3-Dichlorobenzene	UG/L	ND	10	ND	10	NA		NA	

NA = Not Applicable ND = Not Detected

LCS, INC.
Niagara Falls Public Safety, 06B3027.22
EPA ASP 2000 - METHOD 8260 VOLATILES

Client ID / Job No / Sample Date	Lab ID	VBLK45 A07-9621	A7B1392902	vblk44 A07-9621	A7B1389802				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,4-Dichlorobenzene	UG/L	ND	10	ND	10	NA		NA	
1,2-Dichlorobenzene	UG/L	ND	10	ND	10	NA		NA	
1,2-Dibromo-3-chloropropane	UG/L	ND	10	ND	10	NA		NA	
1,2,4-Trichlorobenzene	UG/L	ND	10	ND	10	NA		NA	
Methyl acetate	UG/L	ND	10	ND	10	NA		NA	
n-Propylbenzene	UG/L	ND	1	ND	1	NA		NA	
p-Cymene	UG/L	ND	1	ND	1	NA		NA	
1,2,4-Trimethylbenzene	UG/L	ND	1	ND	1	NA		NA	
1,3,5-Trimethylbenzene	UG/L	ND	1	ND	1	NA		NA	
n-Butylbenzene	UG/L	ND	1	ND	1	NA		NA	
sec-Butylbenzene	UG/L	ND	1	ND	1	NA		NA	
tert-Butylbenzene	UG/L	ND	1	ND	1	NA		NA	
Naphthalene	UG/L	ND	1	ND	1	NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	92	50-200	92	50-200	NA		NA	
1,4-Difluorobenzene	%	94	50-200	95	50-200	NA		NA	
1,4-Dichlorobenzene-D4	%	86	50-200	84	50-200	NA		NA	
Toluene-D8	%	100	71-126	98	71-126	NA		NA	
p-Bromofluorobenzene	%	94	73-120	92	73-120	NA		NA	
1,2-Dichloroethane-D4	%	109	66-137	106	66-137	NA		NA	

NA = Not Applicable   ND = Not Detected

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK45

Lab Name: STL Buffalo Contract: ____

Lab Code: RECNY Case No.: ____ SAS No.: ____ SDG No.: ____

Matrix: (soil/water) WATER Lab Sample ID: A7B1392902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: S6097.RR

Level: (low/med) LOW Date Samp/Recv: ____ ____

% Moisture: not dec. ____ Date Analyzed: 09/06/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: ____ (uL) Soil Aliquot Volume: ____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

vblk44

Lab Name: STL Buffalo   Contract: ______

Lab Code: RECNY   Case No.: ____   SAS No.: ____   SDG No.: ____

Matrix: (soil/water) WATER   Lab Sample ID: A7B1389802

Sample wt/vol: 5.00 (g/mL) ML   Lab File ID: S6072.RR

Level: (low/med) LOW   Date Samp/Recv: ______ ______

% Moisture: not dec. ____   Date Analyzed: 09/06/2007

GC Column: ZB-624   ID: 0.18 (mm)   Dilution Factor: 1.00

Soil Extract Volume: ____ (uL)   Soil Aliquot Volume: ____ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	Compound Name	RT	Est. Conc.	Q

LCS, INC.
Niagara Falls Public Safety, 06B3027.22
LCS - ASP00 - METHOD 8270 SEMIVOLATILES - W

Client ID / Job No / Sample Date — Lab ID		SBLK A07-9621	A7B1367103						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzaldehyde	UG/L	ND	5	NA		NA		NA	
Phenol	UG/L	ND	5	NA		NA		NA	
Bis(2-chloroethyl) ether	UG/L	ND	5	NA		NA		NA	
2-Chlorophenol	UG/L	ND	5	NA		NA		NA	
2-Methylphenol	UG/L	ND	5	NA		NA		NA	
2,2'-Oxybis(1-Chloropropane)	UG/L	ND	5	NA		NA		NA	
Acetophenone	UG/L	ND	5	NA		NA		NA	
4-Methylphenol	UG/L	ND	5	NA		NA		NA	
N-Nitroso-Di-n-propylamine	UG/L	ND	5	NA		NA		NA	
Hexachloroethane	UG/L	ND	5	NA		NA		NA	
Nitrobenzene	UG/L	ND	5	NA		NA		NA	
Isophorone	UG/L	ND	5	NA		NA		NA	
2-Nitrophenol	UG/L	ND	5	NA		NA		NA	
2,4-Dimethylphenol	UG/L	ND	5	NA		NA		NA	
Bis(2-chloroethoxy) methane	UG/L	ND	5	NA		NA		NA	
2,4-Dichlorophenol	UG/L	ND	5	NA		NA		NA	
Naphthalene	UG/L	ND	5	NA		NA		NA	
4-Chloroaniline	UG/L	ND	5	NA		NA		NA	
Hexachlorobutadiene	UG/L	ND	5	NA		NA		NA	
Caprolactam	UG/L	ND	5	NA		NA		NA	
4-Chloro-3-methylphenol	UG/L	ND	5	NA		NA		NA	
2-Methylnaphthalene	UG/L	ND	5	NA		NA		NA	
Hexachlorocyclopentadiene	UG/L	ND	5	NA		NA		NA	
2,4,6-Trichlorophenol	UG/L	ND	5	NA		NA		NA	
2,4,5-Trichlorophenol	UG/L	ND	5	NA		NA		NA	
Biphenyl	UG/L	ND	5	NA		NA		NA	
2-Chloronaphthalene	UG/L	ND	5	NA		NA		NA	
2-Nitroaniline	UG/L	ND	10	NA		NA		NA	
Dimethyl phthalate	UG/L	ND	5	NA		NA		NA	
Acenaphthylene	UG/L	ND	5	NA		NA		NA	
2,6-Dinitrotoluene	UG/L	ND	5	NA		NA		NA	
3-Nitroaniline	UG/L	ND	10	NA		NA		NA	
Acenaphthene	UG/L	ND	5	NA		NA		NA	
2,4-Dinitrophenol	UG/L	ND	10	NA		NA		NA	
4-Nitrophenol	UG/L	ND	10	NA		NA		NA	
Dibenzofuran	UG/L	ND	5	NA		NA		NA	
2,4-Dinitrotoluene	UG/L	ND	5	NA		NA		NA	
Diethyl phthalate	UG/L	ND	5	NA		NA		NA	
4-Chlorophenyl phenyl ether	UG/L	ND	5	NA		NA		NA	
Fluorene	UG/L	ND	5	NA		NA		NA	
4-Nitroaniline	UG/L	ND	10	NA		NA		NA	
4,6-Dinitro-2-methylphenol	UG/L	ND	10	NA		NA		NA	
N-nitrosodiphenylamine	UG/L	ND	5	NA		NA		NA	

NA = Not Applicable ND = Not Detected

LCS, INC.
Niagara Falls Public Safety, 0683027.22
LCS - ASP00 - METHOD 8270 SEMIVOLATILES - W

Client ID / Job No / Sample Date	Lab ID	SBLK A07-9621	A7B1367103						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
4-Bromophenyl phenyl ether	UG/L	ND	5	NA		NA		NA	
Hexachlorobenzene	UG/L	ND	5	NA		NA		NA	
Atrazine	UG/L	ND	5	NA		NA		NA	
Pentachlorophenol	UG/L	ND	10	NA		NA		NA	
Phenanthrene	UG/L	ND	5	NA		NA		NA	
Anthracene	UG/L	ND	5	NA		NA		NA	
Carbazole	UG/L	ND	5	NA		NA		NA	
Di-n-butyl phthalate	UG/L	ND	5	NA		NA		NA	
Fluoranthene	UG/L	ND	5	NA		NA		NA	
Pyrene	UG/L	ND	5	NA		NA		NA	
Butyl benzyl phthalate	UG/L	ND	5	NA		NA		NA	
3,3'-Dichlorobenzidine	UG/L	ND	5	NA		NA		NA	
Benzo(a)anthracene	UG/L	ND	5	NA		NA		NA	
Chrysene	UG/L	ND	5	NA		NA		NA	
Bis(2-ethylhexyl) phthalate	UG/L	ND	5	NA		NA		NA	
Di-n-octyl phthalate	UG/L	ND	5	NA		NA		NA	
Benzo(b)fluoranthene	UG/L	ND	5	NA		NA		NA	
Benzo(k)fluoranthene	UG/L	ND	5	NA		NA		NA	
Benzo(a)pyrene	UG/L	ND	5	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/L	ND	5	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/L	ND	5	NA		NA		NA	
Benzo(ghi)perylene	UG/L	ND	5	NA		NA		NA	
IS/SURROGATE(S)									
1,4-Dichlorobenzene-D4	%	97	50-200	NA		NA		NA	
Naphthalene-D8	%	98	50-200	NA		NA		NA	
Acenaphthene-D10	%	100	50-200	NA		NA		NA	
Phenanthrene-D10	%	101	50-200	NA		NA		NA	
Chrysene-D12	%	100	50-200	NA		NA		NA	
Perylene-D12	%	102	50-200	NA		NA		NA	
Nitrobenzene-D5	%	74	46-112	NA		NA		NA	
2-Fluorobiphenyl	%	72	48-116	NA		NA		NA	
p-Terphenyl-d14	%	75	24-136	NA		NA		NA	
Phenol-D5	%	31	16-120	NA		NA		NA	
2-Fluorophenol	%	38	20-120	NA		NA		NA	
2,4,6-Tribromophenol	%	75	52-132	NA		NA		NA	

NA = Not Applicable   ND = Not Detected

LCS - ASP00 - METHOD 8270 SEMIVOLATILES - W
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SBLK

Lab Name: STL Buffalo Contract: ____________

Lab Code: RECNY Case No.: _____ SAS No.: ______ SDG No.: ______

Matrix: (soil/water) WATER Lab Sample ID: A7B1367103

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: U23137.RR

Level: (low/med) LOW Date Samp/Recv: __________ __________

% Moisture: ______ decanted: (Y/N) N Date Extracted: 08/31/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/04/2007

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 104-76-7	2-ETHYL-1-HEXANOL	5.85	7	JN
2.	UNKNOWN	12.51	6	J
3.	UNKNOWN	12.53	10	J
4.	UNKNOWN	12.64	22	J
5. 111-06-8	BUTYL ESTER HEXADECANOIC ACI	12.80	18	JN
6.	UNKNOWN	13.46	8	J
7.	UNKNOWN	14.08	6	J
8.	UNKNOWN	14.42	6	J
9.	UNKNOWN	14.79	19	J
10.	UNKNOWN	14.82	9	J

LCS, INC.
Niagara Falls Public Safety, 06B3027.22
LCS - ASP00 METHOD 8082 -POLYCHLORINATED BIPHENYLS

Client ID / Job No / Sample Date	Lab ID	Method Blank A07-9621	A7B1354303						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1221	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1232	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1242	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1248	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1254	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1260	UG/L	ND	0.50	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	62	35-136	NA		NA		NA	
Decachlorobiphenyl	%	46	12-137	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client Sample ID: VBLK45 MSB45
Lab Sample ID: A7B1392902 A7B1392901

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
EPA ASP 2000 - METHOD 8260 VOLATILES					
Acetone	UG/L	128	125	103	65-128
Benzene	UG/L	26.7	25.0	107	79-121
Bromodichloromethane	UG/L	27.8	25.0	111	77-118
Bromoform	UG/L	23.4	25.0	94	69-126
Bromomethane	UG/L	26.8	25.0	108	46-148
2-Butanone	UG/L	127	125	102	67-131
n-Butylbenzene	UG/L	26.1	25.0	104	77-121
sec-Butylbenzene	UG/L	25.6	25.0	102	78-124
tert-Butylbenzene	UG/L	25.0	25.0	100	75-123
Carbon Disulfide	UG/L	22.0	25.0	88	62-131
Carbon Tetrachloride	UG/L	27.6	25.0	111	75-130
Chlorobenzene	UG/L	24.6	25.0	99	79-118
Chloroethane	UG/L	32.8	25.0	131	58-147
Chloroform	UG/L	27.5	25.0	110	78-120
Chloromethane	UG/L	24.3	25.0	97	62-126
Cyclohexane	UG/L	24.5	25.0	98	78-120
Dibromochloromethane	UG/L	25.8	25.0	104	76-121
1,2-Dibromo-3-chloropropane	UG/L	24.0	25.0	96	65-126
1,2-Dibromoethane	UG/L	24.3	25.0	97	80-115
1,2-Dichlorobenzene	UG/L	24.1	25.0	96	79-114
1,3-Dichlorobenzene	UG/L	24.1	25.0	97	77-114
1,4-Dichlorobenzene	UG/L	24.3	25.0	98	77-114
Dichlorodifluoromethane	UG/L	26.1	25.0	104	45-146
1,1-Dichloroethane	UG/L	28.2	25.0	113	78-120
1,2-Dichloroethane	UG/L	27.3	25.0	110	77-122
1,1-Dichloroethene	UG/L	22.6	25.0	90	71-147
cis-1,2-Dichloroethene	UG/L	26.1	25.0	104	78-117
trans-1,2-Dichloroethene	UG/L	26.3	25.0	105	79-122
1,2-Dichloropropane	UG/L	27.9	25.0	112	80-117
cis-1,3-Dichloropropene	UG/L	27.3	25.0	110	79-120
trans-1,3-Dichloropropene	UG/L	25.9	25.0	104	77-119
Ethylbenzene	UG/L	26.1	25.0	105	81-117
2-Hexanone	UG/L	130	125	104	77-126
Isopropylbenzene	UG/L	26.0	25.0	104	68-117
p-Cymene	UG/L	25.8	25.0	103	77-117
Methyl acetate	UG/L	34.0	25.0	136	53-140
Methylcyclohexane	UG/L	23.5	25.0	94	77-120
Methylene chloride	UG/L	27.8	25.0	111	61-120
4-Methyl-2-pentanone	UG/L	128	125	103	80-121
Naphthalene	UG/L	25.2	25.0	101	61-131
n-Propylbenzene	UG/L	26.4	25.0	106	77-119

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK45 MSB45
Lab Sample ID: A7B1392902 A7B1392901

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
EPA ASP 2000 - METHOD 8260 VOLATILES					
Styrene	UG/L	25.3	25.0	101	81-119
1,1,2,2-Tetrachloroethane	UG/L	26.0	25.0	104	77-119
Tetrachloroethene	UG/L	25.1	25.0	100	77-120
Toluene	UG/L	25.7	25.0	103	77-119
1,2,4-Trichlorobenzene	UG/L	26.9	25.0	108	70-122
1,1,1-Trichloroethane	UG/L	27.6	25.0	111	78-124
1,1,2-Trichloroethane	UG/L	25.5	25.0	102	81-115
Trichloroethene	UG/L	26.9	25.0	108	80-121
Trichlorofluoromethane	UG/L	27.5	25.0	110	63-136
1,2,4-Trimethylbenzene	UG/L	25.7	25.0	103	76-121
1,3,5-Trimethylbenzene	UG/L	25.9	25.0	104	77-121
Vinyl chloride	UG/L	27.1	25.0	108	68-127
Total Xylenes	UG/L	77.8	75.0	104	80-117
Methyl-t-Butyl Ether (MTBE)	UG/L	24.6	25.0	98	75-129

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: vblk44 msb44
Lab Sample ID: A7B1389802 A7B1389801

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
EPA ASP 2000 - METHOD 8260 VOLATILES					
Acetone	UG/L	146	125	118	65-128
Benzene	UG/L	27.8	25.0	111	79-121
Bromodichloromethane	UG/L	29.5	25.0	118	77-118
Bromoform	UG/L	26.1	25.0	105	69-126
Bromomethane	UG/L	26.6	25.0	106	46-148
2-Butanone	UG/L	145	125	116	67-131
n-Butylbenzene	UG/L	25.6	25.0	102	77-121
sec-Butylbenzene	UG/L	25.9	25.0	104	78-124
tert-Butylbenzene	UG/L	24.6	25.0	99	75-123
Carbon Disulfide	UG/L	23.8	25.0	95	62-131
Carbon Tetrachloride	UG/L	28.8	25.0	115	75-130
Chlorobenzene	UG/L	25.8	25.0	103	79-118
Chloroethane	UG/L	31.0	25.0	124	58-147
Chloroform	UG/L	28.2	25.0	113	78-120
Chloromethane	UG/L	21.7	25.0	87	62-126
Cyclohexane	UG/L	24.7	25.0	99	78-120
Dibromochloromethane	UG/L	28.1	25.0	112	76-121
1,2-Dibromo-3-chloropropane	UG/L	27.5	25.0	110	65-126
1,2-Dibromoethane	UG/L	28.5	25.0	114	80-115
1,2-Dichlorobenzene	UG/L	25.8	25.0	103	79-114
1,3-Dichlorobenzene	UG/L	25.1	25.0	101	77-114
1,4-Dichlorobenzene	UG/L	26.3	25.0	106	77-114
Dichlorodifluoromethane	UG/L	23.8	25.0	95	45-146
1,1-Dichloroethane	UG/L	28.5	25.0	114	78-120
1,2-Dichloroethane	UG/L	29.8	25.0	120	77-122
1,1-Dichloroethene	UG/L	30.0	25.0	120	71-147
cis-1,2-Dichloroethene	UG/L	27.2	25.0	109	78-117
trans-1,2-Dichloroethene	UG/L	27.2	25.0	109	79-122
1,2-Dichloropropane	UG/L	29.6	25.0	118 *	80-117
cis-1,3-Dichloropropene	UG/L	29.6	25.0	118	79-120
trans-1,3-Dichloropropene	UG/L	27.8	25.0	111	77-119
Ethylbenzene	UG/L	26.4	25.0	106	81-117
2-Hexanone	UG/L	148	125	119	77-126
Isopropylbenzene	UG/L	23.2	25.0	93	68-117
p-Cymene	UG/L	24.7	25.0	99	77-117
Methyl acetate	UG/L	26.4	25.0	106	53-140
Methylcyclohexane	UG/L	22.8	25.0	91	77-120
Methylene chloride	UG/L	28.4	25.0	114	61-120
4-Methyl-2-pentanone	UG/L	147	125	118	80-121
Naphthalene	UG/L	30.3	25.0	121	61-131
n-Propylbenzene	UG/L	25.3	25.0	101	77-119

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: vblk44 msb44
Lab Sample ID: A7B1389802 A7B1389801

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
EPA ASP 2000 - METHOD 8260 VOLATILES					
Styrene	UG/L	26.9	25.0	108	81-119
1,1,2,2-Tetrachloroethane	UG/L	31.0	25.0	124 *	77-119
Tetrachloroethene	UG/L	24.9	25.0	100	77-120
Toluene	UG/L	26.2	25.0	105	77-119
1,2,4-Trichlorobenzene	UG/L	28.9	25.0	116	70-122
1,1,1-Trichloroethane	UG/L	28.3	25.0	113	78-124
1,1,2-Trichloroethane	UG/L	29.2	25.0	117 *	81-115
Trichloroethene	UG/L	27.8	25.0	111	80-121
Trichlorofluoromethane	UG/L	24.2	25.0	97	63-136
1,2,4-Trimethylbenzene	UG/L	26.5	25.0	106	76-121
1,3,5-Trimethylbenzene	UG/L	26.2	25.0	105	77-121
Vinyl chloride	UG/L	24.9	25.0	100	68-127
Total Xylenes	UG/L	79.5	75.0	106	80-117
Methyl-t-Butyl Ether (MTBE)	UG/L	27.6	25.0	110	75-129

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: SBLK Matrix Spike Blank Matrix Spike Blk Dup
Lab Sample ID: A7B1367103 A7B1367101 A7B1367102

Analyte	Units of Measure	Concentration Spike Blank	Concentration Spike Blank Dup	Spike Amount SB	Spike Amount SBD	% Recovery SB	% Recovery SBD	% Recovery Avg	% RPD	QC LIMITS RPD	QC LIMITS REC.
LCS - ASP00 - METHOD 8270 SEMIVOLATILES											
Acenaphthene	UG/L	72.8	75.7	100	100	73	76	75	4	24.0	60-120
Acenaphthylene	UG/L	72.6	75.9	100	100	73	76	75	4	18.0	63-120
Acetophenone	UG/L	82.2	84.7	100	100	82	85	84	4	20.0	30-140
Anthracene	UG/L	78.9	83.1	100	100	79	83	81	5	15.0	69-131
Atrazine	UG/L	90.4	98.0	100	100	90	98	94	8	20.0	30-140
Benzaldehyde	UG/L	62.0	62.7	100	100	62	63	63	2	20.0	30-140
Benzo(a)anthracene	UG/L	80.9	85.6	100	100	81	86	84	6	15.0	73-138
Benzo(b)fluoranthene	UG/L	76.1	81.2	100	100	76	81	79	6	15.0	75-133
Benzo(k)fluoranthene	UG/L	71.6	74.7	100	100	72	75	74	4	22.0	66-134
Benzo(ghi)perylene	UG/L	95.6	102	100	100	96	102	99	6	15.0	66-152
Benzo(a)pyrene	UG/L	75.4	79.4	100	100	75	79	77	5	15.0	74-126
Biphenyl	UG/L	78.0	80.9	100	100	78	81	80	4	20.0	30-140
Bis(2-chloroethoxy) methane	UG/L	67.4	68.9	100	100	67	69	68	3	17.0	62-120
Bis(2-chloroethyl) ether	UG/L	59.2	59.7	100	100	59	60	60	2	21.0	51-120
2,2'-Oxybis(1-Chloropropane)	UG/L	66.3	67.9	100	100	66	68	67	3	24.0	47-120
Bis(2-ethylhexyl) phthalate	UG/L	80.8	84.8	100	100	80	84	82	5	15.0	69-136
4-Bromophenyl phenyl ether	UG/L	77.0	79.8	100	100	77	80	79	4	15.0	70-120
Butyl benzyl phthalate	UG/L	84.8	89.7	100	100	85	90	88	6	16.0	62-149
Caprolactam	UG/L	34.4	35.4	100	100	34	35	35	3	20.0	30-140
Carbazole	UG/L	76.7	81.4	100	100	77	81	79	5	20.0	68-133
4-Chloroaniline	UG/L	69.4	72.7	100	100	69	73	71	6	22.0	60-124
4-Chloro-3-methylphenol	UG/L	74.2	77.5	100	100	74	78	76	5	27.0	64-120
2-Chloronaphthalene	UG/L	68.4	71.1	100	100	68	71	70	4	21.0	52-120
2-Chlorophenol	UG/L	57.3	58.7	100	100	57	59	58	3	25.0	48-120
4-Chlorophenyl phenyl ether	UG/L	59.2	62.2	100	100	59 *	62 *	61	5	16.0	71-122
Chrysene	UG/L	79.0	82.3	100	100	79	82	81	4	15.0	69-140
Dibenzo(a,h)anthracene	UG/L	86.0	91.9	100	100	86	92	89	7	15.0	67-144
Dibenzofuran	UG/L	72.8	75.7	100	100	73	76	75	4	15.0	66-120
Di-n-butyl phthalate	UG/L	78.3	82.2	100	100	78	82	80	5	15.0	67-132
3,3'-Dichlorobenzidine	UG/L	86.7	91.9	100	100	87	92	90	6	25.0	33-140
2,4-Dichlorophenol	UG/L	71.2	73.8	100	100	71	74	73	4	19.0	64-120
Diethyl phthalate	UG/L	78.6	81.9	100	100	79	82	81	4	15.0	78-128
2,4-Dimethylphenol	UG/L	69.5	73.9	100	100	70	74	72	6	42.0	57-120
Dimethyl phthalate	UG/L	70.4	73.7	100	100	70 *	74	72	6	15.0	73-127
4,6-Dinitro-2-methylphenol	UG/L	78.8	77.1	100	100	79	77	78	2	15.0	64-159
2,4-Dinitrophenol	UG/L	64.6	56.9	100	100	65	57	61	13	22.0	42-153
2,4-Dinitrotoluene	UG/L	68.2	72.1	100	100	68	72	70	6	20.0	59-125
2,6-Dinitrotoluene	UG/L	76.4	79.2	100	100	76	79	78	4	15.0	74-134
Di-n-octyl phthalate	UG/L	81.5	86.6	100	100	82	87	85	6	16.0	72-145
Fluoranthene	UG/L	76.4	80.3	100	100	76	80	78	5	15.0	67-133
Fluorene	UG/L	75.1	79.0	100	100	75	79	77	5	15.0	66-129
Hexachlorobenzene	UG/L	75.9	79.0	100	100	76	79	78	4	15.0	38-131
Hexachlorobutadiene	UG/L	58.9	60.3	100	100	59	60	60	2	44.0	30-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: SBLK Matrix Spike Blank Matrix Spike Blk Dup
Lab Sample ID: A7B1367103 A7B1367101 A7B1367102

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			% RPD	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg		RPD	REC.
LCS - ASP00 - METHOD 8270 SEMIVOLATILES											
Hexachlorocyclopentadiene	UG/L	57.0	59.5	100	100	57	60	59	5	49.0	23-120
Hexachloroethane	UG/L	53.4	54.2	100	100	53	54	54	2	46.0	25-120
Indeno(1,2,3-cd)pyrene	UG/L	90.5	95.9	100	100	90	96	93	6	15.0	69-146
Isophorone	UG/L	66.2	69.8	100	100	66	70	68	6	17.0	64-120
2-Methylnaphthalene	UG/L	66.1	68.4	100	100	66	68	67	3	21.0	48-120
2-Methylphenol	UG/L	55.2	57.0	100	100	55	57	56	4	27.0	39-120
4-Methylphenol	UG/L	52.4	54.1	100	100	52	54	53	4	24.0	36-120
Naphthalene	UG/L	64.6	65.1	100	100	65	65	65	0	29.0	48-120
2-Nitroaniline	UG/L	81.6	86.2	100	100	82	86	84	5	15.0	67-136
3-Nitroaniline	UG/L	72.2	74.9	100	100	72	75	74	4	19.0	69-129
4-Nitroaniline	UG/L	74.3	78.7	100	100	74	79	77	6	24.0	64-135
Nitrobenzene	UG/L	67.3	69.7	100	100	67	70	69	4	24.0	52-120
2-Nitrophenol	UG/L	69.0	73.0	100	100	69	73	71	6	18.0	59-120
4-Nitrophenol	UG/L	36.0	37.0	100	100	36	37	37	3	48.0	16-120
N-nitrosodiphenylamine	UG/L	65.9	69.7	100	100	66	70	68	6	15.0	25-125
N-Nitroso-Di-n-propylamine	UG/L	67.1	69.8	100	100	67	70	69	4	31.0	56-120
Pentachlorophenol	UG/L	88.5	100	100	100	88	100	94	13	37.0	39-136
Phenanthrene	UG/L	78.5	82.3	100	100	78	82	80	5	15.0	67-130
Phenol	UG/L	28.9	29.4	100	100	29	29	29	0	34.0	17-120
Pyrene	UG/L	79.5	84.7	100	100	80	85	83	6	19.0	58-136
2,4,5-Trichlorophenol	UG/L	80.4	81.8	100	100	80	82	81	2	18.0	65-126
2,4,6-Trichlorophenol	UG/L	77.1	79.9	100	100	77	80	79	4	19.0	64-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank
Lab Sample ID: A7B1354303

Matrix Spike Blank
A7B1354301

Matrix Spike Blk Dup
A7B1354302

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			%	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg	RPD	RPD	REC.
LCS - ASP00 METHOD 8082 -POLYCHLORINATED											
Aroclor 1260	UG/L	4.23	4.21	5.00	5.00	85	84	85	1	50.0	44-121
Aroclor 1016	UG/L	3.47	3.40	5.00	5.00	70	68	69	3	50.0	51-123

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SAMPLE CHRONOLOGY

EPA ASP 2000 - METHOD 8260 VOLATILES

Client Sample ID Job No & Lab Sample ID	TPMW5 A07-9621 A7962101	TPMW5 A07-9621 A7962101DL	TPMW6 A07-9621 A7962102	TPMW8 A07-9621 A7962103	TPMW9 A07-9621 A7962104
Sample Date	08/27/2007 11:38	08/27/2007 11:38	08/27/2007 11:23	08/27/2007 11:56	08/27/2007 11:52
Received Date	08/27/2007 17:42	08/27/2007 17:42	08/27/2007 17:42	08/27/2007 17:42	08/27/2007 17:42
Extraction Date					
Analysis Date	09/06/2007 13:23	09/06/2007 18:22	09/06/2007 18:47	09/06/2007 19:12	09/06/2007 02:06
Extraction HT Met?	-	-	-	-	-
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	WATER	WATER	WATER	WATER	WATER
Dilution Factor	125.0	200.0	5.0	5.0	5.0
Sample wt/vol	0.005 LITERS	0.005 LITERS	0.005 LITERS	0.005 LITERS	0.005 LITERS
% Dry					

NA = Not Applicable

EPA ASP 2000 - METHOD 8260 VOLATILES

Client Sample ID Job No & Lab Sample ID	TPMW9 A07-9621 A7962104DL				
Sample Date	08/27/2007 11:52				
Received Date	08/27/2007 17:42				
Extraction Date					
Analysis Date	09/06/2007 19:36				
Extraction HT Met?	-				
Analytical HT Met?	YES				
Sample Matrix	WATER				
Dilution Factor	200.0				
Sample wt/vol	0.005 LITERS				
% Dry					

NA = Not Applicable

EPA ASP 2000 - METHOD 8260 VOLATILES

Client Sample ID Job No & Lab Sample ID	VBLK45 A07-9621 A7B1392902	vblk44 A07-9621 A7B1389802			
Sample Date					
Received Date					
Extraction Date					
Analysis Date	09/06/2007 12:53	09/06/2007 00:02			
Extraction HT Met?	-	-			
Analytical HT Met?	-	-			
Sample Matrix	WATER	WATER			
Dilution Factor	1.0	1.0			
Sample wt/vol	0.005 LITERS	0.005 LITERS			
% Dry					

NA = Not Applicable

LCS - ASP00 - METHOD 8270 SEMIVOLATILES - W

Client Sample ID Job No & Lab Sample ID	TPMW5 A07-9621 A7962101				
Sample Date	08/27/2007 11:38				
Received Date	08/27/2007 17:42				
Extraction Date	08/31/2007 15:00				
Analysis Date	09/04/2007 17:41				
Extraction HT Met?	YES				
Analytical HT Met?	YES				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.96 LITERS				
% Dry					

NA = Not Applicable

QC SAMPLE CHRONOLOGY

LCS - ASP00 - METHOD 8270 SEMIVOLATILES - W

Client Sample ID Job No & Lab Sample ID	SBLK A07-9621 A7B1367103				
Sample Date					
Received Date					
Extraction Date	08/31/2007 15:00				
Analysis Date	09/04/2007 17:18				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	1.0 LITERS				
% Dry					

NA = Not Applicable

LCS - ASP00 METHOD 8082 -POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TPMW5 A07-9621 A7962101				
Sample Date	08/27/2007 11:38				
Received Date	08/27/2007 17:42				
Extraction Date	08/30/2007 08:00				
Analysis Date	08/31/2007 18:28				
Extraction HT Met?	YES				
Analytical HT Met?	YES				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	1.04 LITERS				
% Dry					

NA = Not Applicable

LCS - ASP00 METHOD 8082 -POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A07-9621 A7B1354303				
Sample Date					
Received Date					
Extraction Date	08/30/2007 08:00				
Analysis Date	08/31/2007 15:42				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	1.0 LITERS				
% Dry					

NA = Not Applicable

Chain of Custody Record

SEVERN TRENT STL
Severn Trent Laboratories, Inc.

TL-4124 (0901)

Client: LCS, Inc.	Project Manager: Doug Reid	Date:	Chain of Custody Number: 358636
Address: 232 Delaware Ave	Telephone Number (Area Code)/Fax Number: (716) 845-6145 (716) 845-6664	Lab Number:	Page 1 of 1
City: Buffalo State: NY Zip Code:	Site Contact:	Lab Contact: Paul Morrow	
Project Name and Location (State): 915 Cleveland Ave	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 06B3027.22			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: 8260 TCL	8270 TCL	8082 PCBs	Special Instructions/ Conditions of Receipt
PMW5	8-27-07	11:38		X			2			3			X	X	X	
PMW6	8-27-07	11:23		X						3			X			
PMW8	8-27-07	11:56		X						3			X			
PMW9	8-27-07	11:52		X						3			X			

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other 10 BD

QC Requirements (Specify): Batch QC

	Date	Time		Date	Time
1. Relinquished By: Shawn [signature]	8-27-07	17:42	1. Received By: [signature] TAL	08/27/07	1742
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

2.0°C

STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A07-9710

Project#: NY4A9214
Site Name: LCS, INC.
Task: Niagara Falls Public Safety, 06B3027.22

Mr. Douglas Reid
LCS, Inc.
PO Box 406
Buffalo, NY 14205

STL Buffalo

Paul K. Morrow
Project Manager

09/10/2007

STL Buffalo
Current Certifications

As of 5/16/2007

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA,NELAP CWA, RCRA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	NELAP SDWA, CWA, RCRA	NY455
New York	NELAP AIR, SDWA, CWA, RCRA,CLP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7971001	BR1	WATER	08/29/2007	10:22	08/29/2007	13:45
A7971002	TPMW5	WATER	08/29/2007	11:44	08/29/2007	13:45

METHODS SUMMARY

Job#: A07-9710

Project#: NY4A9214
Site Name: LCS, INC.

PARAMETER	ANALYTICAL METHOD
EPA ASP 2000 - METHOD 8260 VOLATILES	ASP00 8260
Iron - Soluble	SW8463 6010
Iron - Total	SW8463 6010
Manganese - Soluble	SW8463 6010
Manganese - Total	SW8463 6010
pH	SW8463 9040
Sulfate	MCAWW 375.4

References:

ASP00 "Analytical Services Protocol", New York State Department of Environmental Conservation, June 2000.

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

SDG NARRATIVE

Job#: A07-9710

Project#: NY4A9214
Site Name: LCS, INC.

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A07-9710
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
ME: Lab to filter and preserve Dissolved Metals volume.

GC/MS Volatile Data

The MSB(A7B1364101) recovery for Methylene Chloride in Method 8260 was above quality control limits. However, since target analytes were non-detect in the samples and the high recoveries would yield a high bias, no further corrective action was necessary. Only the undiluted analysis for sample BR1 was effected by this outlier.

The analyte Methylene Chloride was detected in the dilution for sample BR1. The dilution process involves additional manipulation of the sample, therefore, the sample detection for Methylene Chloride in the dilution may potentially be due to laboratory contamination and should be evaluated accordingly.

Metals Data

All volumes for Dissolved Metals were filtered and preserved in the Test America Metals Digestion Laboratory on 08/29/2007. Each sample was filtered using a 0.45 micron filter Metricel Black Grid filter, Pall Life Sciences Lot #65031. Each sample was then preserved to a pH <2 with 3.0 mLs of Nitric Acid, J.T. Baker lot #E20034.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this Sample Data package and in the electronic data deliverables has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature."

Paul K. Morrow
Project Manager

9/10/07
Date

Dilution Log w/Code Information
For Job A07-9710

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
BR1	A7971001DL	8260	8.00	008
TPMW5	A7971002	Sulfate	5.00	008
TPMW5	A7971002MS	Sulfate	5.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
G	Indicates a value greater than or equal to the project reporting limit but less than the laboratory quantitation limit
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

LCS, INC.
Niagara Falls Public Safety, 06B3027.22

Sample ID: BR1
Lab Sample ID: A7971001
Date Collected: 08/29/2007
Time Collected: 10:22

Date Received: 08/29/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP AQUEOUS - METHOD 8260 VOLATILES PLUS							
1,1,1-Trichloroethane	ND		10	UG/L	8260	08/30/2007 13:17	LH
1,1,2,2-Tetrachloroethane	ND		10	UG/L	8260	08/30/2007 13:17	LH
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	UG/L	8260	08/30/2007 13:17	LH
1,1,2-Trichloroethane	ND		10	UG/L	8260	08/30/2007 13:17	LH
1,1-Dichloroethane	ND		10	UG/L	8260	08/30/2007 13:17	LH
1,1-Dichloroethene	ND		10	UG/L	8260	08/30/2007 13:17	LH
1,2,4-Trichlorobenzene	ND		10	UG/L	8260	08/30/2007 13:17	LH
1,2,4-Trimethylbenzene	ND		1	UG/L	8260	08/30/2007 13:17	LH
1,2-Dibromo-3-chloropropane	ND		10	UG/L	8260	08/30/2007 13:17	LH
1,2-Dibromoethane	ND		10	UG/L	8260	08/30/2007 13:17	LH
1,2-Dichlorobenzene	ND		10	UG/L	8260	08/30/2007 13:17	LH
1,2-Dichloroethane	ND		10	UG/L	8260	08/30/2007 13:17	LH
1,2-Dichloropropane	ND		10	UG/L	8260	08/30/2007 13:17	LH
1,3,5-Trimethylbenzene	ND		1	UG/L	8260	08/30/2007 13:17	LH
1,3-Dichlorobenzene	ND		10	UG/L	8260	08/30/2007 13:17	LH
1,4-Dichlorobenzene	ND		10	UG/L	8260	08/30/2007 13:17	LH
2-Butanone	ND		10	UG/L	8260	08/30/2007 13:17	LH
2-Hexanone	ND		10	UG/L	8260	08/30/2007 13:17	LH
4-Methyl-2-pentanone	ND		10	UG/L	8260	08/30/2007 13:17	LH
Acetone	ND		10	UG/L	8260	08/30/2007 13:17	LH
Benzene	ND		10	UG/L	8260	08/30/2007 13:17	LH
Bromodichloromethane	ND		10	UG/L	8260	08/30/2007 13:17	LH
Bromoform	ND		10	UG/L	8260	08/30/2007 13:17	LH
Bromomethane	ND		10	UG/L	8260	08/30/2007 13:17	LH
Carbon Disulfide	ND		10	UG/L	8260	08/30/2007 13:17	LH
Carbon Tetrachloride	ND		10	UG/L	8260	08/30/2007 13:17	LH
Chlorobenzene	ND		10	UG/L	8260	08/30/2007 13:17	LH
Chloroethane	ND		10	UG/L	8260	08/30/2007 13:17	LH
Chloroform	ND		10	UG/L	8260	08/30/2007 13:17	LH
Chloromethane	ND		10	UG/L	8260	08/30/2007 13:17	LH
cis-1,2-Dichloroethene	7	J	10	UG/L	8260	08/30/2007 13:17	LH
cis-1,3-Dichloropropene	ND		10	UG/L	8260	08/30/2007 13:17	LH
Cyclohexane	ND		10	UG/L	8260	08/30/2007 13:17	LH
Dibromochloromethane	ND		10	UG/L	8260	08/30/2007 13:17	LH
Dichlorodifluoromethane	ND		10	UG/L	8260	08/30/2007 13:17	LH
Ethylbenzene	ND		10	UG/L	8260	08/30/2007 13:17	LH
Isopropylbenzene	ND		10	UG/L	8260	08/30/2007 13:17	LH
Methyl acetate	ND		10	UG/L	8260	08/30/2007 13:17	LH
Methyl-t-Butyl Ether (MTBE)	ND		10	UG/L	8260	08/30/2007 13:17	LH
Methylcyclohexane	ND		10	UG/L	8260	08/30/2007 13:17	LH
Methylene chloride	ND		10	UG/L	8260	08/30/2007 13:17	LH
n-Butylbenzene	ND		1	UG/L	8260	08/30/2007 13:17	LH
n-Propylbenzene	ND		1	UG/L	8260	08/30/2007 13:17	LH
Naphthalene	ND		1	UG/L	8260	08/30/2007 13:17	LH
p-Cymene	ND		1	UG/L	8260	08/30/2007 13:17	LH
sec-Butylbenzene	ND		1	UG/L	8260	08/30/2007 13:17	LH
Styrene	ND		10	UG/L	8260	08/30/2007 13:17	LH
tert-Butylbenzene	ND		1	UG/L	8260	08/30/2007 13:17	LH
Tetrachloroethene	460	E	10	UG/L	8260	08/30/2007 13:17	LH

Date: 09/10/2007
Time: 10:26:53

LCS, INC.
Niagara Falls Public Safety, 06B3027.22

Sample ID: BR1
Lab Sample ID: A7971001
Date Collected: 08/29/2007
Time Collected: 10:22

Date Received: 08/29/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP AQUEOUS - METHOD 8260 VOLATILES PLUS							
Toluene	ND		10	UG/L	8260	08/30/2007 13:17	LH
Total Xylenes	ND		10	UG/L	8260	08/30/2007 13:17	LH
trans-1,2-Dichloroethene	ND		10	UG/L	8260	08/30/2007 13:17	LH
trans-1,3-Dichloropropene	ND		10	UG/L	8260	08/30/2007 13:17	LH
Trichloroethene	15		10	UG/L	8260	08/30/2007 13:17	LH
Trichlorofluoromethane	ND		10	UG/L	8260	08/30/2007 13:17	LH
Vinyl chloride	ND		10	UG/L	8260	08/30/2007 13:17	LH

LCS, INC.
Niagara Falls Public Safety, 06B3027.22

Sample ID: BR1
Lab Sample ID: A7971001DL
Date Collected: 08/29/2007
Time Collected: 10:22

Date Received: 08/29/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP AQUEOUS - METHOD 8260 VOLATILES PLUS							
1,1,1-Trichloroethane	ND		80	UG/L	8260	08/30/2007 23:19	ND
1,1,2,2-Tetrachloroethane	ND		80	UG/L	8260	08/30/2007 23:19	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		80	UG/L	8260	08/30/2007 23:19	ND
1,1,2-Trichloroethane	ND		80	UG/L	8260	08/30/2007 23:19	ND
1,1-Dichloroethane	ND		80	UG/L	8260	08/30/2007 23:19	ND
1,1-Dichloroethene	ND		80	UG/L	8260	08/30/2007 23:19	ND
1,2,4-Trichlorobenzene	ND		80	UG/L	8260	08/30/2007 23:19	ND
1,2,4-Trimethylbenzene	ND		8	UG/L	8260	08/30/2007 23:19	ND
1,2-Dibromo-3-chloropropane	ND		80	UG/L	8260	08/30/2007 23:19	ND
1,2-Dibromoethane	ND		80	UG/L	8260	08/30/2007 23:19	ND
1,2-Dichlorobenzene	ND		80	UG/L	8260	08/30/2007 23:19	ND
1,2-Dichloroethane	ND		80	UG/L	8260	08/30/2007 23:19	ND
1,2-Dichloropropane	ND		80	UG/L	8260	08/30/2007 23:19	ND
1,3,5-Trimethylbenzene	ND		8	UG/L	8260	08/30/2007 23:19	ND
1,3-Dichlorobenzene	ND		80	UG/L	8260	08/30/2007 23:19	ND
1,4-Dichlorobenzene	ND		80	UG/L	8260	08/30/2007 23:19	ND
2-Butanone	ND		80	UG/L	8260	08/30/2007 23:19	ND
2-Hexanone	ND		80	UG/L	8260	08/30/2007 23:19	ND
4-Methyl-2-pentanone	ND		80	UG/L	8260	08/30/2007 23:19	ND
Acetone	ND		80	UG/L	8260	08/30/2007 23:19	ND
Benzene	ND		80	UG/L	8260	08/30/2007 23:19	ND
Bromodichloromethane	ND		80	UG/L	8260	08/30/2007 23:19	ND
Bromoform	ND		80	UG/L	8260	08/30/2007 23:19	ND
Bromomethane	ND		80	UG/L	8260	08/30/2007 23:19	ND
Carbon Disulfide	ND		80	UG/L	8260	08/30/2007 23:19	ND
Carbon Tetrachloride	ND		80	UG/L	8260	08/30/2007 23:19	ND
Chlorobenzene	ND		80	UG/L	8260	08/30/2007 23:19	ND
Chloroethane	ND		80	UG/L	8260	08/30/2007 23:19	ND
Chloroform	ND		80	UG/L	8260	08/30/2007 23:19	ND
Chloromethane	ND		80	UG/L	8260	08/30/2007 23:19	ND
cis-1,2-Dichloroethene	6	DJ	80	UG/L	8260	08/30/2007 23:19	ND
cis-1,3-Dichloropropene	ND		80	UG/L	8260	08/30/2007 23:19	ND
Cyclohexane	ND		80	UG/L	8260	08/30/2007 23:19	ND
Dibromochloromethane	ND		80	UG/L	8260	08/30/2007 23:19	ND
Dichlorodifluoromethane	ND		80	UG/L	8260	08/30/2007 23:19	ND
Ethylbenzene	ND		80	UG/L	8260	08/30/2007 23:19	ND
Isopropylbenzene	ND		80	UG/L	8260	08/30/2007 23:19	ND
Methyl acetate	ND		80	UG/L	8260	08/30/2007 23:19	ND
Methyl-t-Butyl Ether (MTBE)	ND		80	UG/L	8260	08/30/2007 23:19	ND
Methylcyclohexane	ND		80	UG/L	8260	08/30/2007 23:19	ND
Methylene chloride	6	DJ	80	UG/L	8260	08/30/2007 23:19	ND
n-Butylbenzene	ND		8	UG/L	8260	08/30/2007 23:19	ND
n-Propylbenzene	ND		8	UG/L	8260	08/30/2007 23:19	ND
Naphthalene	ND		8	UG/L	8260	08/30/2007 23:19	ND
p-Cymene	ND		8	UG/L	8260	08/30/2007 23:19	ND
sec-Butylbenzene	ND		8	UG/L	8260	08/30/2007 23:19	ND
Styrene	ND		80	UG/L	8260	08/30/2007 23:19	ND
tert-Butylbenzene	ND		8	UG/L	8260	08/30/2007 23:19	ND
Tetrachloroethene	550	D	80	UG/L	8260	08/30/2007 23:19	ND

LCS, INC.
Niagara Falls Public Safety, 06B3027.22

Sample ID: BR1
Lab Sample ID: A7971001DL
Date Collected: 08/29/2007
Time Collected: 10:22

Date Received: 08/29/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
ASP AQUEOUS - METHOD 8260 VOLATILES PLUS							
Toluene	ND		80	UG/L	8260	08/30/2007 23:19	ND
Total Xylenes	ND		80	UG/L	8260	08/30/2007 23:19	ND
trans-1,2-Dichloroethene	ND		80	UG/L	8260	08/30/2007 23:19	ND
trans-1,3-Dichloropropene	ND		80	UG/L	8260	08/30/2007 23:19	ND
Trichloroethene	15	DJ	80	UG/L	8260	08/30/2007 23:19	ND
Trichlorofluoromethane	ND		80	UG/L	8260	08/30/2007 23:19	ND
Vinyl chloride	ND		80	UG/L	8260	08/30/2007 23:19	ND

LCS, INC.
Niagara Falls Public Safety, 06B3027.22

Sample ID: TPMW5
Lab Sample ID: A7971002
Date Collected: 08/29/2007
Time Collected: 11:44

Date Received: 08/29/2007
Project No: NY4A9214
Client No: 429697
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
Metals Analysis							
Iron - Soluble	0.070		0.050	MG/L	6010	08/31/2007 14:35	TWS
Iron - Total	1.7		0.050	MG/L	6010	08/31/2007 15:56	AK
Manganese - Soluble	3.3		0.0030	MG/L	6010	08/31/2007 14:35	TWS
Manganese - Total	3.4		0.0030	MG/L	6010	08/31/2007 15:56	AK
Wet Chemistry Analysis							
pH	7.51		0	S.U.	9040	08/29/2007 19:31	DRP
Sulfate	178		25.0	MG/L	375.4	09/07/2007 15:12	RLG

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BR1

Lab Name: STL Buffalo Contract: ____________

Lab Code: RECNY Case No.: _____ SAS No.: ______ SDG No.: ______

Matrix: (soil/water) WATER Lab Sample ID: A7971001

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G8607.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2007 08/29/2007

% Moisture: not dec. ______ Date Analyzed: 08/30/2007

GC Column: ZB-624 ID: 0.18 (mm) Dilution Factor: 1.00

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ________ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BR1

Lab Name: STL Buffalo Contract: ____________

Lab Code: RECNY Case No.: _____ SAS No.: ______ SDG No.: ______

Matrix: (soil/water) WATER

Lab Sample ID: A7971001DL

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: G8633.RR

Level: (low/med) LOW

Date Samp/Recv: 08/29/2007 08/29/2007

% Moisture: not dec. ______

Date Analyzed: 08/30/2007

GC Column: ZB-624 ID: 0.18 (mm)

Dilution Factor: 8.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: ________ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

Batch Quality Control Data

Lab Sample ID: A7971002 A7971002MS

Analyte	Units of Measure	Concentration		Spike Amount	% Recovery MS	QC LIMITS
		Sample	Matrix Spike			
WET CHEMISTRY ANALYSIS METHOD 375.4 - SULFATE	MG/L	177.7	193.6	20.00	79	60-128

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

MS/MSD Batch QC Results

Lab Sample ID: A7997705 A7997705MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
WET CHEMISTRY ANALYSIS						
9038 - SULFATE - RL = 5.0 MG/L	MG/L	114.2	118.5	20.00	21 *	60-128

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Date: 09/10/2007 10:28:30
Batch No: A7B14012

MS/MSD Batch QC Results

Rept: AN1392

Lab Sample ID: A7999701 A7999701MS

Analyte	Units of Measure	Concentration Sample	Concentration Matrix Spike	Spike Amount	% Recovery MS	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 375.4 - SULFATE	MG/L	0	18.49	20.00	92	60-128

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

MS/MSD Batch QC Results

Lab Sample ID: A7999702 A7999702MS A7999702SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			% RPD	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	Avg		RPD	REC.
WET CHEMISTRY ANALYSIS METHOD 375.4 - SULFATE	MG/L	0	24.20	25.10	20.00	20.00	121	126	124	4	27.0	60-128

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Chronology and QC Summary Package

Date: 09/10/2007
Time: 10:27:01

LCS, INC.
Niagara Falls Public Safety, 06B3027.22
EPA ASP 2000 - METHOD 8260 VOLATILES

Rept: AN1247

Client ID / Job No / Sample Date	Lab ID	VBLK58 A07-9710	A7B1364102	vblk59 A07-9710	A7B1368102				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Chloromethane	UG/L	ND	10	ND	10	NA		NA	
Bromomethane	UG/L	ND	10	ND	10	NA		NA	
Vinyl chloride	UG/L	ND	10	ND	10	NA		NA	
Chloroethane	UG/L	ND	10	ND	10	NA		NA	
Methylene chloride	UG/L	ND	10	ND	10	NA		NA	
Acetone	UG/L	ND	10	ND	10	NA		NA	
Carbon Disulfide	UG/L	ND	10	ND	10	NA		NA	
1,1-Dichloroethene	UG/L	ND	10	ND	10	NA		NA	
1,1-Dichloroethane	UG/L	ND	10	ND	10	NA		NA	
Chloroform	UG/L	ND	10	ND	10	NA		NA	
1,2-Dichloroethane	UG/L	ND	10	ND	10	NA		NA	
2-Butanone	UG/L	ND	10	ND	10	NA		NA	
1,1,1-Trichloroethane	UG/L	ND	10	ND	10	NA		NA	
Carbon Tetrachloride	UG/L	ND	10	ND	10	NA		NA	
Bromodichloromethane	UG/L	ND	10	ND	10	NA		NA	
1,2-Dichloropropane	UG/L	ND	10	ND	10	NA		NA	
cis-1,3-Dichloropropene	UG/L	ND	10	ND	10	NA		NA	
Trichloroethene	UG/L	ND	10	ND	10	NA		NA	
Dibromochloromethane	UG/L	ND	10	ND	10	NA		NA	
1,1,2-Trichloroethane	UG/L	ND	10	ND	10	NA		NA	
Benzene	UG/L	ND	10	ND	10	NA		NA	
trans-1,3-Dichloropropene	UG/L	ND	10	ND	10	NA		NA	
Bromoform	UG/L	ND	10	ND	10	NA		NA	
4-Methyl-2-pentanone	UG/L	ND	10	ND	10	NA		NA	
2-Hexanone	UG/L	ND	10	ND	10	NA		NA	
Tetrachloroethene	UG/L	ND	10	ND	10	NA		NA	
Toluene	UG/L	ND	10	ND	10	NA		NA	
1,1,2,2-Tetrachloroethane	UG/L	ND	10	ND	10	NA		NA	
Chlorobenzene	UG/L	ND	10	ND	10	NA		NA	
Ethylbenzene	UG/L	ND	10	ND	10	NA		NA	
Styrene	UG/L	ND	10	ND	10	NA		NA	
Total Xylenes	UG/L	ND	10	ND	10	NA		NA	
Dichlorodifluoromethane	UG/L	ND	10	ND	10	NA		NA	
Trichlorofluoromethane	UG/L	ND	10	ND	10	NA		NA	
1,1,2-Trichloro-1,2,2-trifluor	UG/L	ND	10	ND	10	NA		NA	
trans-1,2-Dichloroethene	UG/L	ND	10	ND	10	NA		NA	
Methyl-t-Butyl Ether (MTBE)	UG/L	ND	10	ND	10	NA		NA	
cis-1,2-Dichloroethene	UG/L	ND	10	ND	10	NA		NA	
Cyclohexane	UG/L	ND	10	ND	10	NA		NA	
Methylcyclohexane	UG/L	ND	10	ND	10	NA		NA	
1,2-Dibromoethane	UG/L	ND	10	ND	10	NA		NA	
Isopropylbenzene	UG/L	ND	10	ND	10	NA		NA	
1,3-Dichlorobenzene	UG/L	ND	10	ND	10	NA		NA	

NA = Not Applicable ND = Not Detected

Date: 09/10/2007
Time: 10:27:01

LCS, INC.
Niagara Falls Public Safety, 06B3027.22
EPA ASP 2000 - METHOD 8260 VOLATILES

Rept: AN1247

Client ID / Job No / Sample Date — Lab ID		VBLK58 A07-9710	A7B1364102	vblk59 A07-9710	A7B1368102				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
1,4-Dichlorobenzene	UG/L	ND	10	ND	10	NA		NA	
1,2-Dichlorobenzene	UG/L	ND	10	ND	10	NA		NA	
1,2-Dibromo-3-chloropropane	UG/L	ND	10	ND	10	NA		NA	
1,2,4-Trichlorobenzene	UG/L	ND	10	ND	10	NA		NA	
Methyl acetate	UG/L	ND	10	ND	10	NA		NA	
n-Propylbenzene	UG/L	ND	1	ND	1	NA		NA	
p-Cymene	UG/L	ND	1	ND	1	NA		NA	
1,2,4-Trimethylbenzene	UG/L	ND	1	ND	1	NA		NA	
1,3,5-Trimethylbenzene	UG/L	ND	1	ND	1	NA		NA	
n-Butylbenzene	UG/L	ND	1	ND	1	NA		NA	
sec-Butylbenzene	UG/L	ND	1	ND	1	NA		NA	
tert-Butylbenzene	UG/L	ND	1	ND	1	NA		NA	
Naphthalene	UG/L	ND	1	ND	1	NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	97	50-200	96	50-200	NA		NA	
1,4-Difluorobenzene	%	99	50-200	98	50-200	NA		NA	
1,4-Dichlorobenzene-D4	%	87	50-200	90	50-200	NA		NA	
Toluene-D8	%	93	71-126	93	71-126	NA		NA	
p-Bromofluorobenzene	%	98	73-120	96	73-120	NA		NA	
1,2-Dichloroethane-D4	%	92	66-137	91	66-137	NA		NA	

NA = Not Applicable ND = Not Detected

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK58

Lab Name: STL Buffalo   Contract: ______

Lab Code: RECNY   Case No.: ____   SAS No.: ____   SDG No.: ____

Matrix: (soil/water) WATER   Lab Sample ID: A7B1364102

Sample wt/vol: 5.00 (g/mL) ML   Lab File ID: G8606.RR

Level: (low/med) LOW   Date Samp/Recv: ______ ______

% Moisture: not dec. ____   Date Analyzed: 08/30/2007

GC Column: ZB-624   ID: 0.18 (mm)   Dilution Factor: 1.00

Soil Extract Volume: ____ (uL)   Soil Aliquot Volume: ______ (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

Number TICs found: 0

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

vblk59

Lab Name: STL Buffalo   Contract: ______

Lab Code: RECNY   Case No.: ____   SAS No.: ____   SDG No.: ____

Matrix: (soil/water) WATER   Lab Sample ID: A7B1368102

Sample wt/vol: 5.00 (g/mL) ML   Lab File ID: G8632.RR

Level: (low/med) LOW   Date Samp/Recv: ______ ______

% Moisture: not dec. ____   Date Analyzed: 08/30/2007

GC Column: ZB-624   ID: 0.18 (mm)   Dilution Factor: 1.00

Soil Extract Volume: ____ (uL)   Soil Aliquot Volume: ____ (uL)

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

Client ID / Job No / Sample Date	Lab ID	Method Blank A07-9710	A7B1353302						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Iron - Soluble	MG/L	ND	0.050	NA		NA		NA	
Manganese - Soluble	MG/L	ND	0.0030	NA		NA		NA	

NA = Not Applicable   ND = Not Detected

LCS, INC.
Niagara Falls Public Safety, 06B3027.22
TOTAL MAGANESE AND IRON

Client ID Job No — Lab ID Sample Date		Method Blank A07-9710 — A7B1353802							
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Iron - Total	MG/L	ND	0.050	NA		NA		NA	
Manganese - Total	MG/L	ND	0.0030	NA		NA		NA	

NA = Not Applicable   ND = Not Detected

Date: 09/10/2007
Time: 10:27:12

LCS, INC.
Niagara Falls Public Safety, 06B3027.22
WET CHEMISTRY ANALYSIS

Rept: AN1247

Client ID Job No Sample Date	Lab ID	MBLK A07-9710	A7B1401202						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Sulfate	MG/L	ND	5.0	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client Sample ID: VBLK58 MSB58
Lab Sample ID: A7B1364102 A7B1364101

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
EPA ASP 2000 - METHOD 8260 VOLATILES					
Acetone	UG/L	106	125	85	65-128
Benzene	UG/L	26.5	25.0	106	79-121
Bromodichloromethane	UG/L	26.5	25.0	106	77-118
Bromoform	UG/L	28.5	25.0	114	69-126
Bromomethane	UG/L	24.3	25.0	98	46-148
2-Butanone	UG/L	107	125	86	67-131
n-Butylbenzene	UG/L	26.1	25.0	105	77-121
sec-Butylbenzene	UG/L	27.7	25.0	111	78-124
tert-Butylbenzene	UG/L	26.8	25.0	107	75-123
Carbon Disulfide	UG/L	26.1	25.0	104	62-131
Carbon Tetrachloride	UG/L	27.9	25.0	112	75-130
Chlorobenzene	UG/L	27.1	25.0	109	79-118
Chloroethane	UG/L	19.7	25.0	79	58-147
Chloroform	UG/L	25.3	25.0	101	78-120
Chloromethane	UG/L	21.9	25.0	88	62-126
Cyclohexane	UG/L	24.9	25.0	100	78-120
Dibromochloromethane	UG/L	28.1	25.0	113	76-121
1,2-Dibromo-3-chloropropane	UG/L	23.4	25.0	94	65-126
1,2-Dibromoethane	UG/L	27.7	25.0	111	80-115
1,2-Dichlorobenzene	UG/L	26.0	25.0	104	79-114
1,3-Dichlorobenzene	UG/L	26.2	25.0	105	77-114
1,4-Dichlorobenzene	UG/L	26.4	25.0	106	77-114
Dichlorodifluoromethane	UG/L	26.6	25.0	106	45-146
1,1-Dichloroethane	UG/L	25.8	25.0	103	78-120
1,2-Dichloroethane	UG/L	24.5	25.0	98	77-122
1,1-Dichloroethene	UG/L	29.6	25.0	118	71-147
cis-1,2-Dichloroethene	UG/L	26.5	25.0	106	78-117
trans-1,2-Dichloroethene	UG/L	27.6	25.0	111	79-122
1,2-Dichloropropane	UG/L	25.2	25.0	101	80-117
cis-1,3-Dichloropropene	UG/L	26.9	25.0	108	79-120
trans-1,3-Dichloropropene	UG/L	28.3	25.0	113	77-119
Ethylbenzene	UG/L	26.7	25.0	107	81-117
2-Hexanone	UG/L	112	125	90	77-126
Isopropylbenzene	UG/L	23.7	25.0	95	68-117
p-Cymene	UG/L	26.1	25.0	104	77-117
Methyl acetate	UG/L	23.6	25.0	94	53-140
Methylcyclohexane	UG/L	24.7	25.0	99	77-120
Methylene chloride	UG/L	30.4	25.0	122 *	61-120
4-Methyl-2-pentanone	UG/L	113	125	91	80-121
Naphthalene	UG/L	24.3	25.0	97	61-131
n-Propylbenzene	UG/L	25.7	25.0	103	77-119

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK58 MSB58
Lab Sample ID: A7B1364102 A7B1364101

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
EPA ASP 2000 - METHOD 8260 VOLATILES					
Styrene	UG/L	27.7	25.0	111	81-119
1,1,2,2-Tetrachloroethane	UG/L	27.1	25.0	109	77-119
Tetrachloroethene	UG/L	28.6	25.0	115	77-120
Toluene	UG/L	27.3	25.0	109	77-119
1,2,4-Trichlorobenzene	UG/L	24.7	25.0	99	70-122
1,1,1-Trichloroethane	UG/L	26.6	25.0	107	78-124
1,1,2-Trichloroethane	UG/L	26.7	25.0	107	81-115
Trichloroethene	UG/L	26.0	25.0	104	80-121
Trichlorofluoromethane	UG/L	22.1	25.0	89	63-136
1,2,4-Trimethylbenzene	UG/L	26.8	25.0	107	76-121
1,3,5-Trimethylbenzene	UG/L	25.9	25.0	104	77-121
Vinyl chloride	UG/L	22.4	25.0	90	68-127
Total Xylenes	UG/L	80.9	75.0	108	80-117
Methyl-t-Butyl Ether (MTBE)	UG/L	24.5	25.0	98	75-129

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: vblk59 msb59
Lab Sample ID: A7B1368102 A7B1368101

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
EPA ASP 2000 - METHOD 8260 VOLATILES					
Acetone	UG/L	108	125	87	65-128
Benzene	UG/L	24.9	25.0	100	79-121
Bromodichloromethane	UG/L	24.3	25.0	97	77-118
Bromoform	UG/L	24.7	25.0	99	69-126
Bromomethane	UG/L	24.2	25.0	97	46-148
2-Butanone	UG/L	110	125	88	67-131
n-Butylbenzene	UG/L	25.0	25.0	100	77-121
sec-Butylbenzene	UG/L	24.7	25.0	99	78-124
tert-Butylbenzene	UG/L	25.0	25.0	100	75-123
Carbon Disulfide	UG/L	22.8	25.0	92	62-131
Carbon Tetrachloride	UG/L	25.2	25.0	101	75-130
Chlorobenzene	UG/L	25.5	25.0	102	79-118
Chloroethane	UG/L	20.4	25.0	82	58-147
Chloroform	UG/L	24.1	25.0	96	78-120
Chloromethane	UG/L	22.7	25.0	91	62-126
Cyclohexane	UG/L	22.7	25.0	91	78-120
Dibromochloromethane	UG/L	24.7	25.0	99	76-121
1,2-Dibromo-3-chloropropane	UG/L	21.4	25.0	86	65-126
1,2-Dibromoethane	UG/L	24.8	25.0	99	80-115
1,2-Dichlorobenzene	UG/L	25.0	25.0	100	79-114
1,3-Dichlorobenzene	UG/L	24.9	25.0	100	77-114
1,4-Dichlorobenzene	UG/L	25.1	25.0	100	77-114
Dichlorodifluoromethane	UG/L	26.4	25.0	106	45-146
1,1-Dichloroethane	UG/L	24.0	25.0	96	78-120
1,2-Dichloroethane	UG/L	23.0	25.0	92	77-122
1,1-Dichloroethene	UG/L	25.4	25.0	102	71-147
cis-1,2-Dichloroethene	UG/L	24.9	25.0	100	78-117
trans-1,2-Dichloroethene	UG/L	25.0	25.0	100	79-122
1,2-Dichloropropane	UG/L	22.6	25.0	90	80-117
cis-1,3-Dichloropropene	UG/L	24.3	25.0	97	79-120
trans-1,3-Dichloropropene	UG/L	25.0	25.0	100	77-119
Ethylbenzene	UG/L	24.5	25.0	98	81-117
2-Hexanone	UG/L	115	125	92	77-126
Isopropylbenzene	UG/L	24.4	25.0	98	68-117
p-Cymene	UG/L	25.5	25.0	102	77-117
Methyl acetate	UG/L	23.2	25.0	93	53-140
Methylcyclohexane	UG/L	24.0	25.0	96	77-120
Methylene chloride	UG/L	26.2	25.0	105	61-120
4-Methyl-2-pentanone	UG/L	116	125	93	80-121
Naphthalene	UG/L	24.6	25.0	99	61-131
n-Propylbenzene	UG/L	24.7	25.0	99	77-119

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: vblk59 msb59
Lab Sample ID: A7B1368102 A7B1368101

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
EPA ASP 2000 - METHOD 8260 VOLATILES					
Styrene	UG/L	26.1	25.0	104	81-119
1,1,2,2-Tetrachloroethane	UG/L	24.2	25.0	97	77-119
Tetrachloroethene	UG/L	25.6	25.0	102	77-120
Toluene	UG/L	24.7	25.0	99	77-119
1,2,4-Trichlorobenzene	UG/L	24.0	25.0	96	70-122
1,1,1-Trichloroethane	UG/L	24.7	25.0	99	78-124
1,1,2-Trichloroethane	UG/L	24.3	25.0	97	81-115
Trichloroethene	UG/L	24.7	25.0	99	80-121
Trichlorofluoromethane	UG/L	24.0	25.0	96	63-136
1,2,4-Trimethylbenzene	UG/L	24.9	25.0	100	76-121
1,3,5-Trimethylbenzene	UG/L	24.7	25.0	99	77-121
Vinyl chloride	UG/L	22.5	25.0	90	68-127
Total Xylenes	UG/L	75.4	75.0	100	80-117
Methyl-t-Butyl Ether (MTBE)	UG/L	24.0	25.0	96	75-129

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LFB
Lab Sample ID: A7B1353302 A7B1353301

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
SOLUBLE FE AND MN					
SOLUBLE IRON	MG/L	9.88	10.0	99	80-120
SOLUBLE MANGANESE	MG/L	0.195	0.200	98	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LFB
Lab Sample ID: A7B1353802 A7B1353801

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
TOTAL MAGANESE AND IRON					
TOTAL IRON	MG/L	10.39	10.0	104	80-120
TOTAL MANGANESE	MG/L	0.203	0.200	102	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: TPMW5 TPMW5
Lab Sample ID: A7971002 A7971002MS

Analyte	Units of Measure	Concentration		Spike Amount	% Recovery MS	QC LIMITS
		Sample	Matrix Spike			
WET CHEMISTRY ANALYSIS METHOD 375.4 - SULFATE	MG/L	177.7	193.6	20.00	79	60-128

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: MBLK LCS
Lab Sample ID: A7B1401202 A7B1401201

Analyte	Units of Measure	Concentration Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 375.4 - SULFATE	MG/L	30.17	30.00	100	90-110

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

EPA ASP 2000 - METHOD 8260 VOLATILES

Client Sample ID Job No & Lab Sample ID	BR1 A07-9710 A7971001	BR1 A07-9710 A7971001DL			
Sample Date	08/29/2007 10:22	08/29/2007 10:22			
Received Date	08/29/2007 13:45	08/29/2007 13:45			
Extraction Date					
Analysis Date	08/30/2007 13:17	08/30/2007 23:19			
Extraction HT Met?	-	-			
Analytical HT Met?	YES	YES			
Sample Matrix	WATER	WATER			
Dilution Factor	1.0	8.0			
Sample wt/vol	0.005 LITERS	0.005 LITERS			
% Dry					

NA = Not Applicable

EPA ASP 2000 - METHOD 8260 VOLATILES

Client Sample ID Job No & Lab Sample ID	VBLK58 A07-9710 A7B1364102	vblk59 A07-9710 A7B1368102			
Sample Date					
Received Date					
Extraction Date					
Analysis Date	08/30/2007 12:45	08/30/2007 22:53			
Extraction HT Met?	-	-			
Analytical HT Met?	-	-			
Sample Matrix	WATER	WATER			
Dilution Factor	1.0	1.0			
Sample wt/vol	0.005 LITERS	0.005 LITERS			
% Dry					

NA = Not Applicable

NIAGARA FALLS PUBLIC SAFETY, 06B3027.22
SAMPLE CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol	g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matrix
A7971002	TPMW5	RECNY	Iron - Soluble	6010	1.0	0.05	L	08/29/07 11:44	08/29 13:45	NA		08/31 14:35	TWS	Y	WATER
		RECNY	Manganese - Soluble	6010	1.0	0.05	L	08/29/07 11:44	08/29 13:45	NA		08/31 14:35	TWS	Y	WATER
		RECNY	Iron - Total	6010	1.0	0.05	L	08/29/07 11:44	08/29 13:45	NA		08/31 15:56	AK	Y	WATER
		RECNY	Manganese - Total	6010	1.0	0.05	L	08/29/07 11:44	08/29 13:45	NA		08/31 15:56	AK	Y	WATER

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

NIAGARA FALLS PUBLIC SAFETY, 06B3027.22
QC CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	T H	Analysis Date	ANL INI	A H	Matrix
A7B1353302	Method Blank	RECNY	Iron - Soluble	6010	1.0	0.05 L	-	-	NA		08/31 12:17	TWS	Y	WATER
		RECNY	Manganese - Soluble	6010	1.0	0.05 L	-	-	NA		08/31 12:17	TWS	Y	WATER
A7B1353802	Method Blank	RECNY	Iron - Total	6010	1.0	0.05 L	-	-	NA		08/31 13:31	AK	Y	WATER
		RECNY	Manganese - Total	6010	1.0	0.05 L	-	-	NA		08/31 13:31	AK	Y	WATER

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

Date: 09/10/2007 10:27
Job No: A07-9710

NIAGARA FALLS PUBLIC SAFETY, 06B3027.22
SAMPLE CHRONOLOGY

Rept: AN1250
Page: 1

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	T H	Analysis Date	ANL INI	A H	Matrix
A7971002	TPMW5	RECNY	pH	9040	1.0		08/29/07 11:44	08/29 13:45	NA		08/29 19:31	DRP	Y	WATER
		RECNY	Sulfate	375.4	5.0		08/29/07 11:44	08/29 13:45	NA		09/07 15:12	RL6	Y	WATER

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	T H	Analysis Date	ANL INI	A H	Matrix
A7B1401202	MBLK	RECNY	Sulfate	375.4	1.0		-	-	NA		09/07 14:29	RLG	Y	WATER

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

Chain of Custody Record

STL-4124 (0901)

SEVERN TRENT STL
Severn Trent Laboratories, Inc.

Client	LCS, Inc.
Address	232 Delaware Ave
City	Buffalo
State	NY
Zip Code	14203
Project Name and Location (State)	915 Cleveland Ave
Contract/Purchase Order/Quote No.	06B3027.22
Project Manager	Doug Reid
Telephone Number (Area Code)/Fax Number	(716) 845-6145 / (716) 845-6164
Site Contact	Doug Reid
Lab Contact	Paul Morrow
Carrier/Waybill Number	
Date	8-29-07
Lab Number	
Chain of Custody Number	358794
Page	1 of 1

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Matrix: Aqueous	Matrix: Sed.	Matrix: Soil	Matrix:	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	8260 TCL	Total Fe+Mang	Dissolved Fe+Mang	pH	Sulfate	Special Instructions/ Conditions of Receipt
BR1	8-29-07	10:22		X							6			X					
TPMW5	8-29-07	11:44		X				2		1					X	X	X	X	Lab Filter for Dissolved Metals

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other See Bottom

QC Requirements (Specify) Batch QC

	Date	Time		Date	Time
1. Relinquished By [signature]	8-29-07	13:45	1. Received By [signature]	8-29-07	1345
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: All results for Project are due no later than 9-10-07 2.0°C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

LIMITATIONS

This environmental study is limited by the scope of services contained within this report and time frames specified within your Work Orders # 0-032-00NF#5, #7, and #8.

This environmental study makes no warranties nor implies any liability regarding:

1. Any impacted media located beneath the on-site structure(s).
2. Any chemical analytes not included within the analytical test methods employed during this study.
3. Any impacted media present from off-site sources not assessed.
4. Any impact at locations and depths not assessed in this study.
5. Any impact at locations where access was limited (i.e., beneath structures, etc.).

Conclusions and/or recommendations made within the study are based on the interpretation of data collected at individual sample locations and may change if additional data is collected during future study. Conditions between sampling locations are estimated based on available data. Intrusive studies serve to reduce, but not eliminate, the potential environmental risk associated with a property. No study is considered all-inclusive or representative of the entire subject property. Such would be cost prohibitive.

APPENDIX B

FIELD BORING LOGS

LCS, Inc.

WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: Main Street & Cleveland Avenue, Niagara Falls, New York

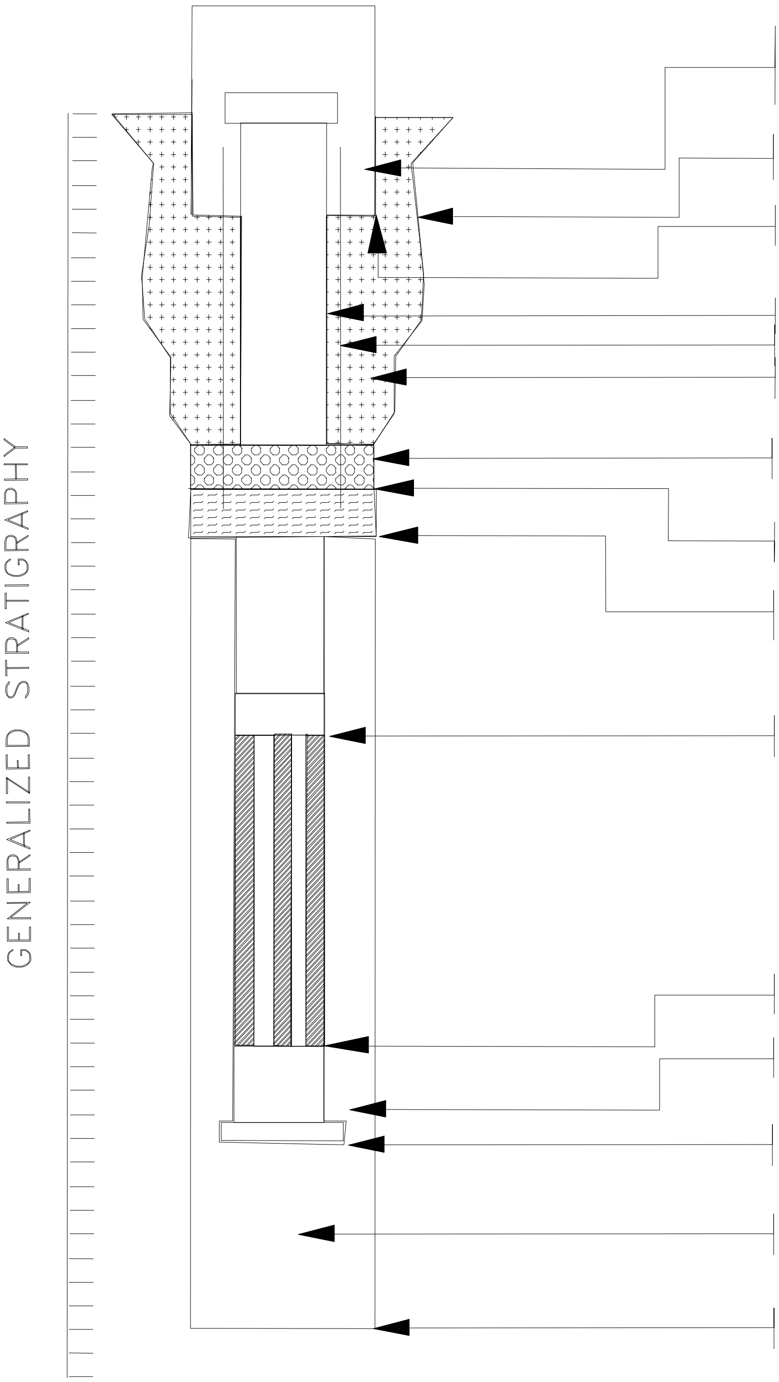
PROJECT No. 06B3027.26

CLIENT: CLP3, LLC.

WELL No. BCP OBMW1

DATE COMPLETED: 10/19/08

SUPERVISED BY: BJ



REFERENCE POINT
Elevation: 100.1 ft.

SURFACE SEAL
Type/Depth: Concrete/2.0 ft. bgs

DEPTH OF SURFACE CASING: 2.0 ft. bgs

DEPTH OF OVERBURDEN CASING: 12.0 ft. bgs

RISER PIPE Size/Type: 2.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 8.5 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 0.0 ft.bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 5.0 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 7.6 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 12.6 ft.bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 12.8 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 12.8 ft.bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: Native Soils

BOTTOM OF BOREHOLE
Elevation/Depth: 12.9 ft. bgs

NOTES

LCS, Inc.

WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: Main Street & Cleveland Avenue, Niagara Falls, New York

PROJECT No. 06B3027.26

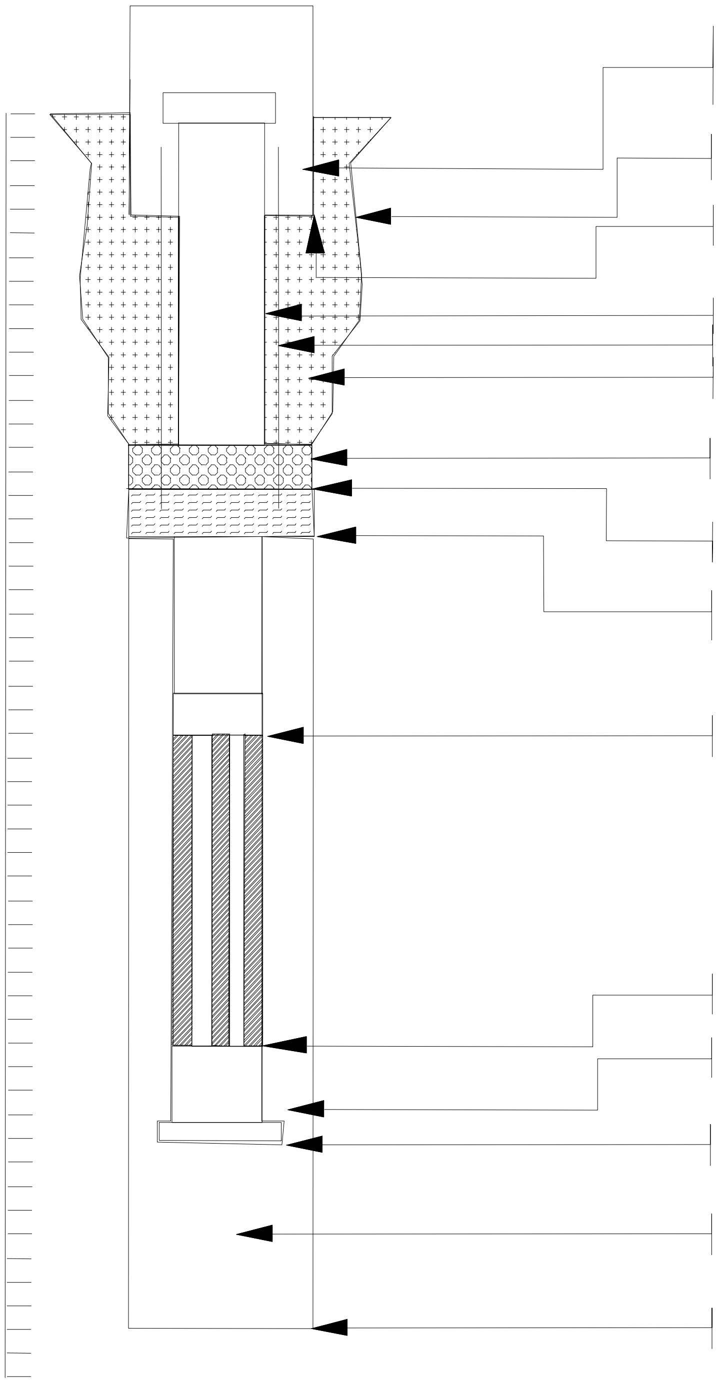
CLIENT: CLP3, LLC.

WELL No. BCP OBMW2

DATE COMPLETED: 10/19/08

SUPERVISED BY: BJ

GENERALIZED STRATIGRAPHY



REFERENCE POINT
Elevation: 98.5 ft.

SURFACE SEAL
Type/Depth: Concrete/1.0 ft. bgs

DEPTH OF SURFACE CASING: 1.0 ft. bgs

DEPTH OF OVERBURDEN CASING: 22.0 ft. bgs

RISER PIPE Size/Type: 2.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 8.5 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 2.0 ft.bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 10.0 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 16.8 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 21.8 ft.bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 22.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 22.0 ft.bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: NA

BOTTOM OF BOREHOLE
Elevation/Depth: 22.5 ft. bgs

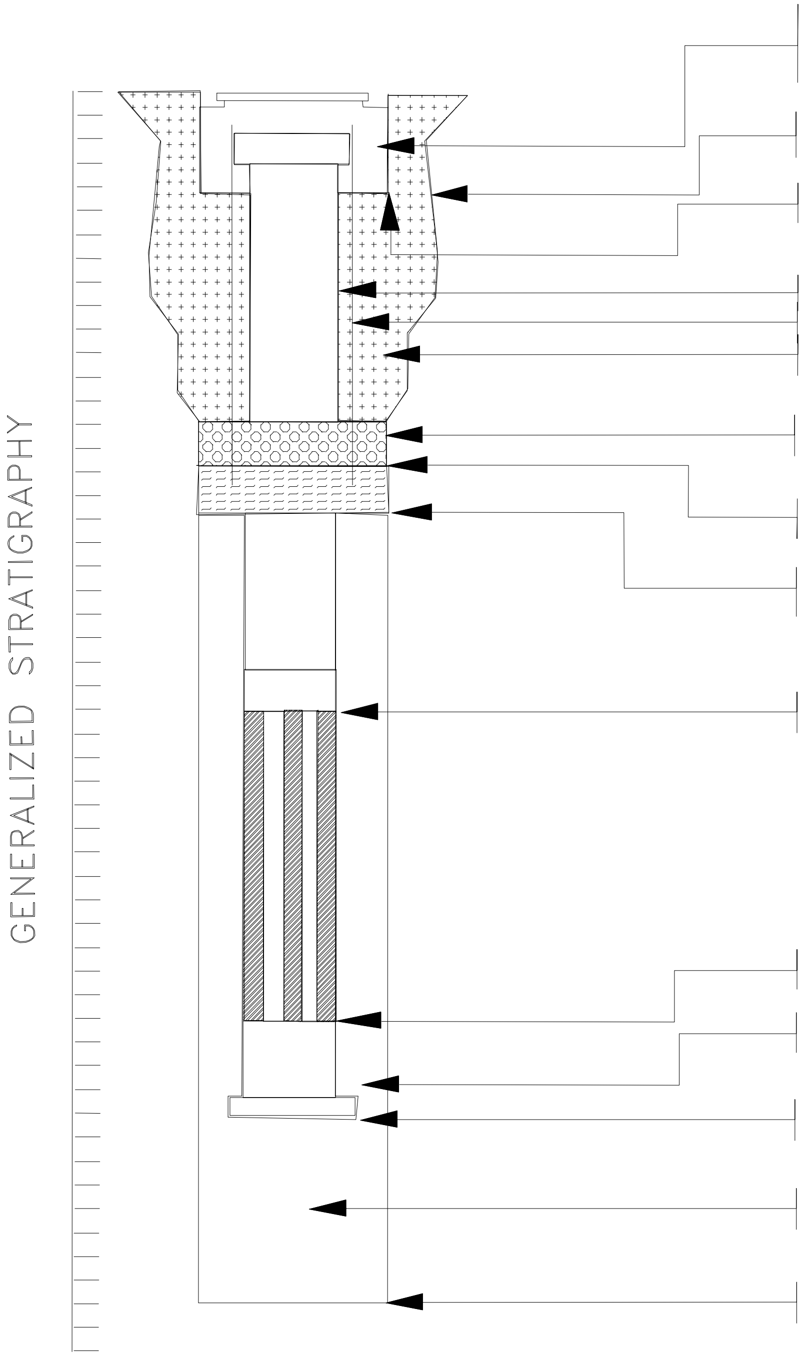
NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: Main Street & Cleveland Avenue, Niagara Falls, NY PROJECT No. 06B3027.26

CLIENT: CLP3, LLC. WELL No. BCP BRMW1

DATE COMPLETED: 8/21/07 SUPERVISED BY: SM



REFERENCE POINT
Elevation/Depth: NA

SURFACE SEAL
Type/Depth: Concrete/1.5 ft. bgs

DEPTH OF SURFACE CASING: 1.0 ft. bgs

RISER PIPE Size/Type: 2.0 inch/schedule 40 PVC

DIAMETER OF BOREHOLE: 8.5 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 1.5 ft.bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 20.0 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 21.2 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 36.2 ft.bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 36.5 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 36.5 ft.bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: NA

BOTTOM OF BOREHOLE
Elevation/Depth: 36.5 ft. bgs

NOTES

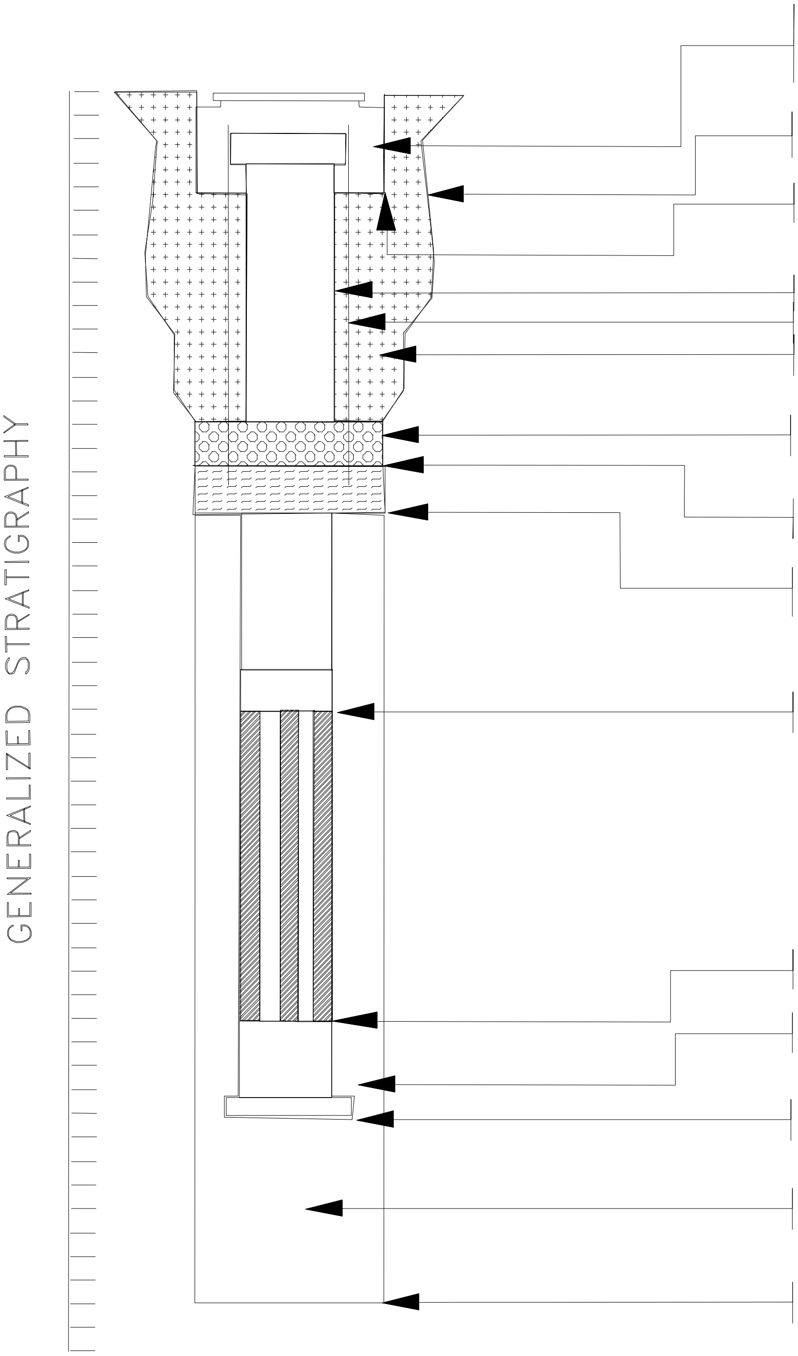
LCS, Inc.

WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: Main Street & Cleveland Avenue, Niagara Falls, New York
PROJECT No. 06B3027.26

CLIENT: CLP3, LLC.
WELL No. BCP BRMW2

DATE COMPLETED: 10/19/07
SUPERVISED BY: BJ



REFERENCE POINT
Elevation: 91.3 ft.

SURFACE SEAL
Type/Depth: Concrete/1.5 ft. bgs

DEPTH OF SURFACE CASING: 1.0 ft. bgs

DEPTH OF OVERBURDEN CASING: 18.0 ft. bgs

RISER PIPE Size/Type: 2.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 8.5 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 1.5 ft.bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 17.5 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 20.8 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 35.8 ft.bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 36.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 36.0 ft.bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: Bedrock

BOTTOM OF BOREHOLE
Elevation/Depth: 36.0 ft. bgs

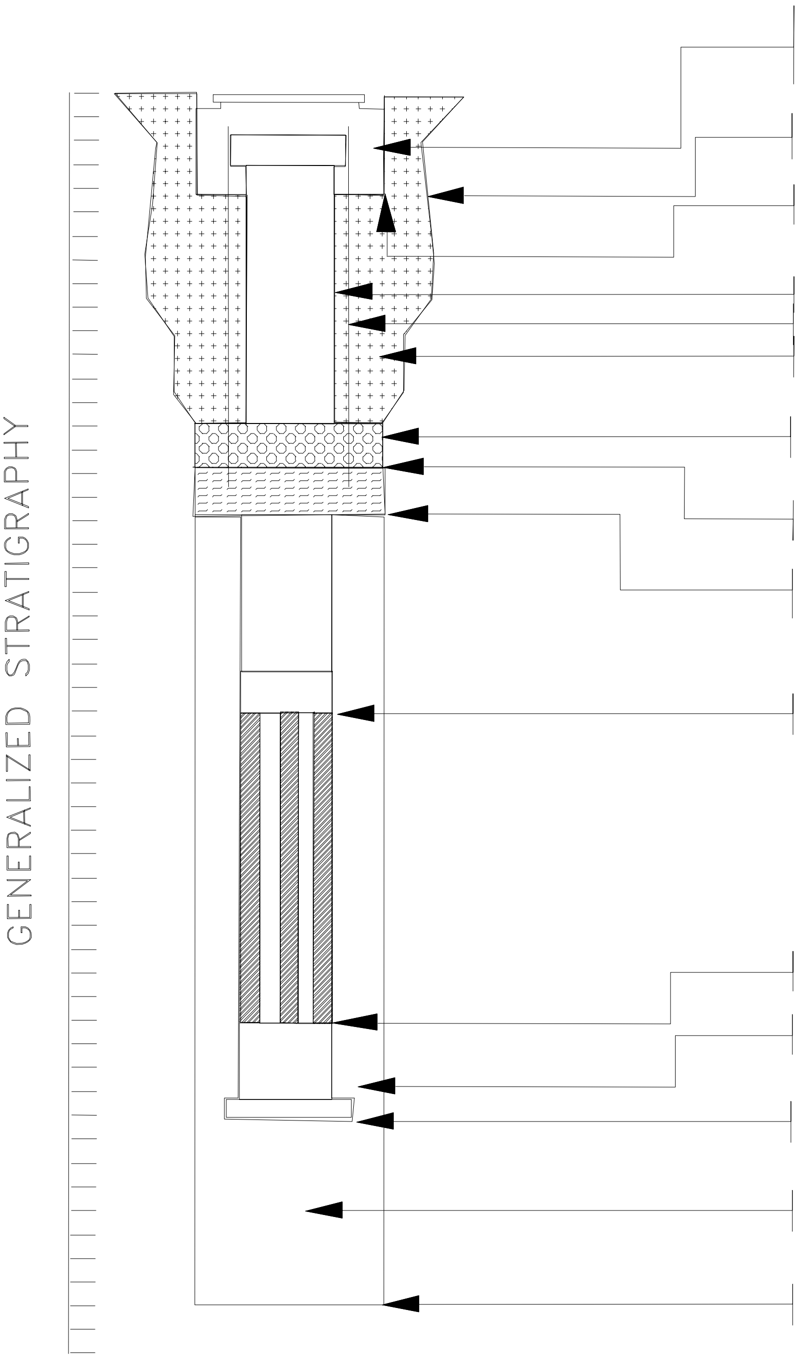
NOTES

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: Main Street & Cleveland Avenue, Niagara Falls, NY PROJECT No. 06B3027.26

CLIENT: CLP3, LLC. WELL No. BCP BRMW3R

DATE COMPLETED: 10/19/07 SUPERVISED BY: BJ



REFERENCE POINT
Elevation/Depth: 97.8 ft.

SURFACE SEAL
Type/Depth: Concrete/2.0 ft. bgs

DEPTH OF SURFACE CASING: 2.0 ft. bgs

RISER PIPE Size/Type: 2.0 inch/schedule 40 PVC

DIAMETER OF BOREHOLE: 8.5 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 2.0 ft.bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 20.0 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 22.3 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 38.3 ft.bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 38.5 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 38.5 ft.bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: Native soils

BOTTOM OF BOREHOLE
Elevation/Depth: 38.5 ft. bgs

NOTES

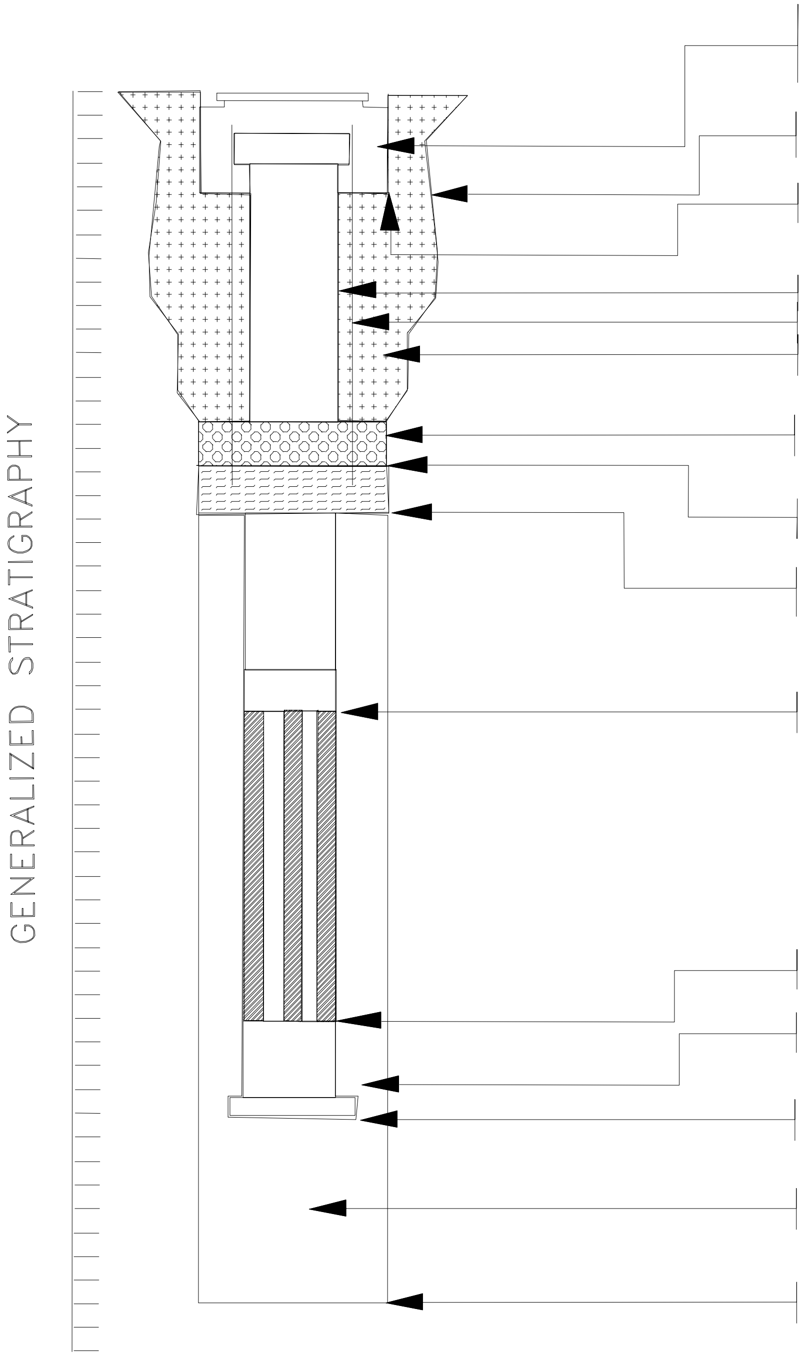
LCS, Inc.

WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: Main Street & Cleveland Avenue, Niagara Falls, New York   PROJECT No. 06B3027.26

CLIENT: CLP3, LLC.   WELL No. BCP BRMW4

DATE COMPLETED: 10/19/07   SUPERVISED BY: BJ



REFERENCE POINT
Elevation: 92.4 ft.

SURFACE SEAL
Type/Depth: Concrete/1.0 ft. bgs

DEPTH OF SURFACE CASING: 1.0 ft. bgs

DEPTH OF OVERBURDEN CASING: 17.0 ft. bgs

RISER PIPE Size/Type: 2.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 8.5 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 1.0 ft.bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 15.0 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 19.8 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/Schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 49.8 ft.bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 50.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 50.0 ft.bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: NA

BOTTOM OF BOREHOLE
Elevation/Depth: 50.0 ft. bgs

NOTES

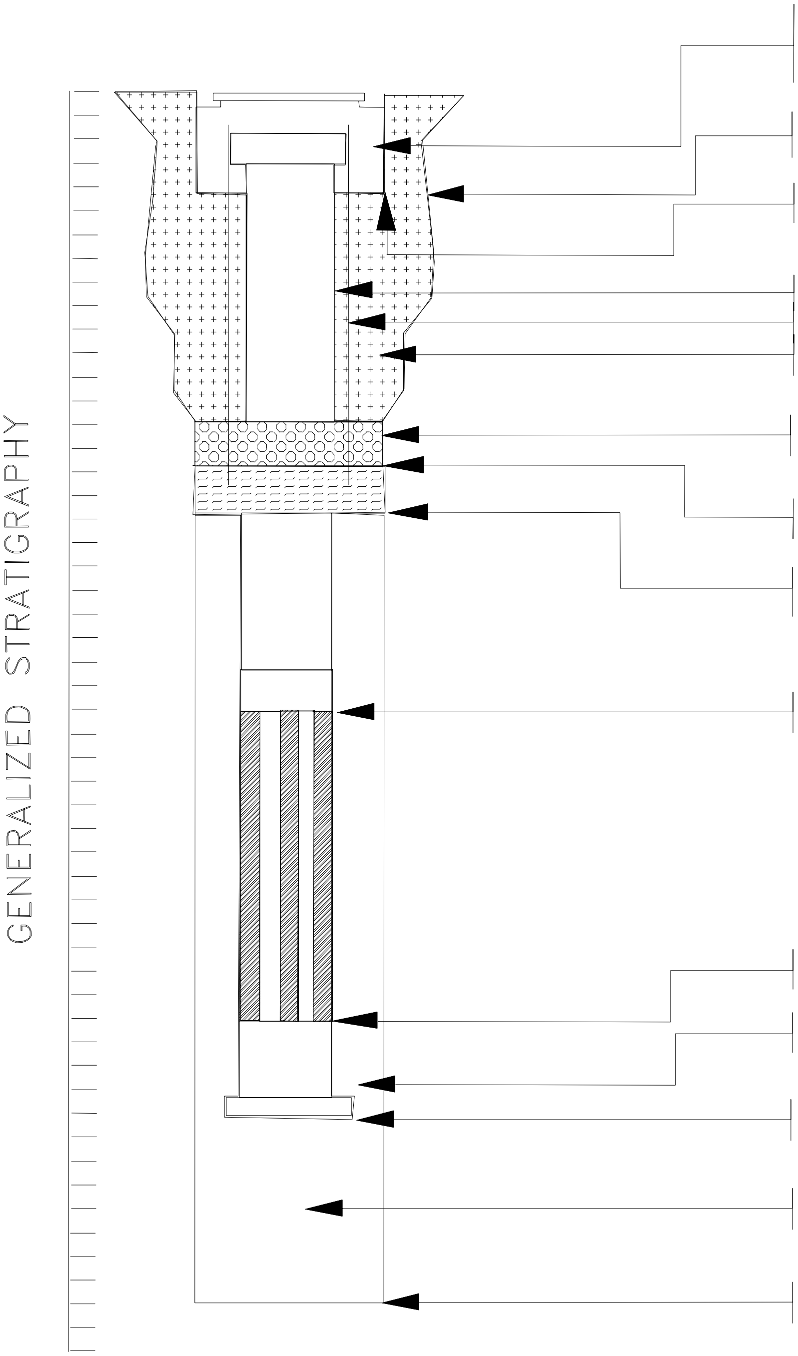
LCS, Inc.

WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: Main Street & Cleveland Avenue, Niagara Falls, New York PROJECT No. 06B3027.26

CLIENT: CLP3, LLC. WELL No. BCP BRMW5

DATE COMPLETED: 10/19/07 SUPERVISED BY: BJ



REFERENCE POINT
Elevation: 100.1 ft.

SURFACE SEAL
Type/Depth: Concrete/1.0 ft. bgs

DEPTH OF SURFACE CASING: 1.0 ft. bgs

DEPTH OF OVERBURDEN CASING: 15.0 ft. bgs

RISER PIPE Size/Type: 2.0 inch/Schedule 40 PVC

DIAMETER OF BOREHOLE: 8.5 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 1.0 ft.bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 14.0 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 15.8 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 25.8 ft.bgs

BOTTOM OF FILTER PACK
Elevation/Depth: 26.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 26.0 ft.bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: NA

BOTTOM OF BOREHOLE
Elevation/Depth: 26.0 ft. bgs

NOTES

LCS, Inc.

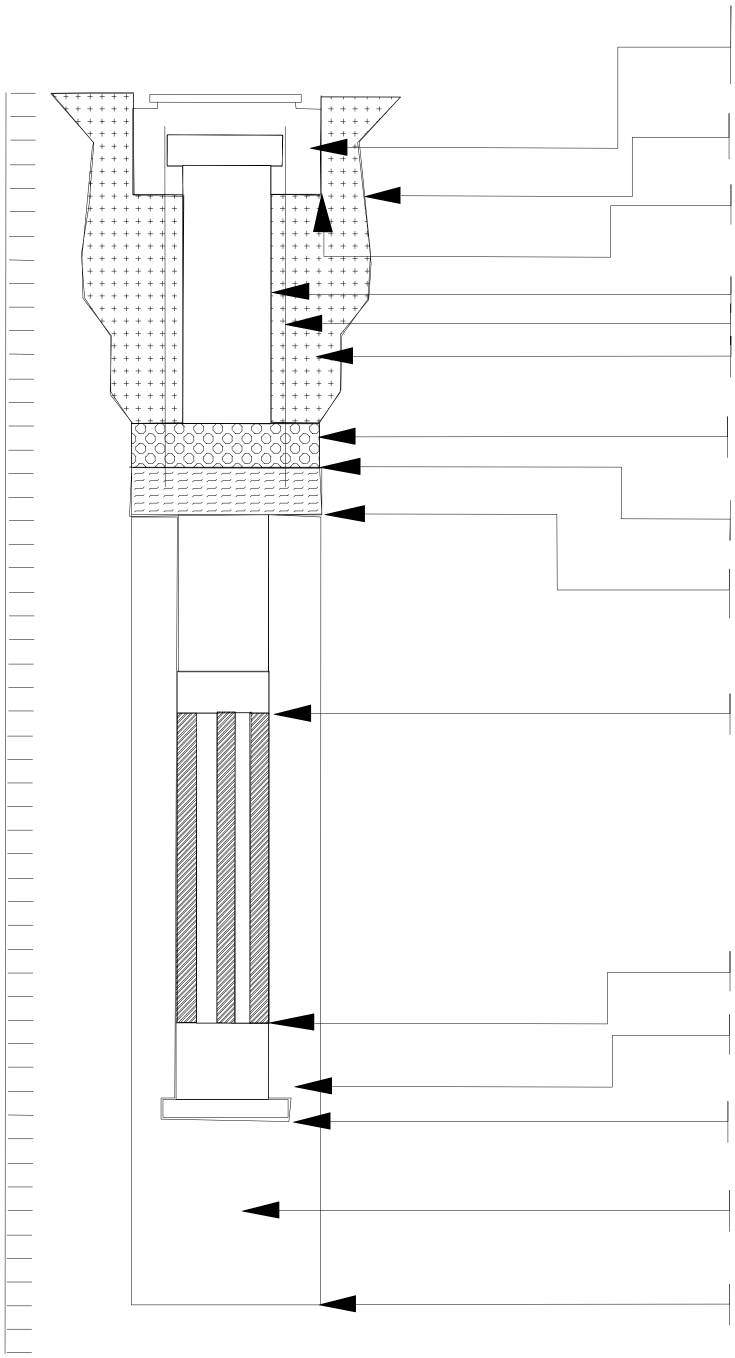
WELL CONSTRUCTION DETAIL

PROJECT/LOCATION: Main Street & Cleveland Avenue, Niagara Falls, NY PROJECT No. 06B3027.26

CLIENT: CLP3, LLC. WELL No. BCP BRMW6R

DATE COMPLETED: 10/19/07 SUPERVISED BY: BJ

GENERALIZED STRATIGRAPHY



REFERENCE POINT
Elevation/Depth: 98.5 ft.

SURFACE SEAL
Type/Depth: Concrete/1.0 ft. bgs

DEPTH OF SURFACE CASING: 1.0 ft. bgs

RISER PIPE Size/Type: 2.0 inch/schedule 40 PVC

DIAMETER OF BOREHOLE: 8.5 inches

TYPE OF FILL: NA

TOP OF SEAL Elevation/Depth: 1.0 ft.bgs
TYPE OF SEAL: Hydrated bentonite

TOP OF FILTER PACK Elevation/Depth: 20.0 ft. bgs
FILTER PACK MATERIAL: #00N silica sand

TOP OF SCREEN Elevation/Depth: 26.8 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch/schedule 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 32.8 ft.bgs

BOTTOM OF FILTER PACK
Elevation/Depth 33.0 ft. bgs

BOTTOM OF PLUGGED BLANK SECTION
Elevation/Depth: 33.0 ft.bgs

TYPE OF FILLER
BELOW PLUGGED BLANK: NA

BOTTOM OF BOREHOLE
Elevation/Depth: 33.0 ft. bgs

NOTES

APPENDIX C

HYDRAULIC CONDUCTIVITY CALCULATIONS

************************** WELCOME TO SLUGTST! ************************

The following is a general description of how to use the SLUGTST program to evaluate slug test data. We assume that you are familiar with the Hvorslev method, if not read his original article or Cedergen, (1974). Our article in GROUNDWATER has a summary of the well geometries the Hvorslev method is applicable to.

****

INSTRUCTIONS

****

You have two options for getting the slug test data into the SLUGTST program;

1) download data logger data into a data file and add well construction information to the top of that file or;

2) manually enter the well information and slug test data by following prompts in the program.

****

1. RUNNING THE EXAMPLE SLUG TESTS

****

Provided with the READ.ME file are two example files from a well out here in Idaho, which we called EXAMTST1.DAT and EXAMTST2.DAT. These are real data that have been set up to demonstrate how SLUGTST works. EXAMTST1 contains all of the test data from the slug test (including early time oscillations), while EXAMTST2 has had the oscillations removed. If you are wondering where the high frequency oscillations came from, the well was slugged pneumatically with compressed nitrogen. This method of slugging often causes early time oscillations. If you would like to run through the example tests, then exit here and get to the DOS prompt in the directory where the SLUGTST program resides (It is best to run everything off the A drive).

1) At the DOS prompt type SLUGTST and hit enter. The program will ask you if you want to save your answers to the A drive. If you say yes your

calculated hydraulic conductivities will be saved to a file called HVOR.OUT. "Just say no" for now.

2) The second prompt will ask you if you have a prepared file on the A drive, you need to have the data sets on the A drive for SLUGTST work or the DOS assign command may be used to redirect the input and output from the program. Enter yes. SLUGTST will search the A drive (or default set up using DOS) and display all the files that end with the suffix .DAT.

3) You will see EXAMTST1 and EXAMTST2. Enter EXAMTST1 but don't type the .DAT.

4) Now SLUGTST plots the data on the screen. The axi have been reversed from what you are used to in order to provide greater resolution. You will get used to it. The prompt asks you how many points lie on the initial linear trend. Of course you don't know so just guess, say 20.

5) That is way too low, so modify the plot and play around with the number of points until you get it right. 52 points seems to be about right. If you try too many points, over 100, the program will bomb and you will have to warm boot the system (control, alt delete) and start over. In fact it isn't too hard to make SLUGTST bomb, if it happens just do a warm boot and start over.

6) When you get tired of EXAMTST1, try EXAMTST2. It is the same test but the early time oscillations have been removed. 20 points is about right for the initial linear trend. Once you have the example files mastered you are ready to try some of your own data.

****

ENTERING YOUR OWN DATA

****

Before you get started with making your own data file, it would be a good idea to print a copy of one of the example tests and use it as a guide to making your own file.

If you have a hard copy of the raw data (time depth pairs) and want to enter the data by hand, exit here and go to the directory where SLUGTST resides and type SLUGTST. Answer yes to the first question and no to the second question and follow the prompts for entering data.

To set-up your own data file, follow the steps outlined below.

STEP 1

Download the data logger into a data file (like this: wellname.dat) or enter the data by hand into a data file with a dat suffix. When you have this done, make sure to make a back up copy of the raw data before deleting anything. Once you have made a back-up, delete any of the miscellaneous information at the top or bottom of the file in the header and any extra lines. Take a look at the data. SLUGTST can't handle negative numbers, so if you didn't set your reference level correctly you will need to correct the data by adding a constant value. This is easily done in spread sheet programs or if you don't have many data points, it can be done by hand.

Remove any extra data points at the top of the file, that is, if you started the logger early you will see points with no change in elevation. If these points are left in, SLUGTST will average these points into the straight line fit. Then correct the time data so the first time, depth pair is at time zero. Once the data are cleaned up you are ready to start adding information at the top of the file so SLUGTST can select the proper Hvorslev solution and calculate the hydraulic conductivity.

STEP 2

The first line in the data file tells the program whether the aquifer is confined or unconfined, remember how Hvorslev defines this. Type U for unconfined or C for confined.

STEP 3

Line 2 is the name of the well and according to DOS conventions this must be 8 characters or less.

STEP 4

Line 3 is the static water level. This is your reference level or zero if you measured only the change in water level.

STEP 5

Enter the water level at slug-in or slug-out on line 4. This is the maximum displacement of head or Ho used to normalize the data so make sure it is the maximum value plotted.

STEP 6

Enter the length of the well screen on line 5. In Hvorslev's method, the screened length must to be saturated. If you enter zero here SLUGTST will use the flush bottom solution. The units here must be consistent with the depth units.

STEP 7

Enter on line 6 the diameter of the well casing, this is the casing above the well screen. Remember that you must use consistent units throughout the program. So if you entered feet in step 6 then enter feet here.

STEP 8
Enter on line 7 the diameter of the well screen, if there is a filter pack then enter the diameter of the borehole outside of the filter pack again using consistent units.

STEP 9
Enter on line 8 the ratio of horizontal hydraulic conductivity to vertical hydraulic conductivity. Usually Kh is greater than Kv, but if you don't know, input 1 here.

STEP 10
Enter the number of data points here on line 9.

STEP 11
Enter the start time of the test, a space and then the water level on line 10.

STEP 12
You are ready to go. Save your data file and put it on the A drive because SLUGTST will always look there for the data file. You can run SLUGTST off of any drive. Go to the drive and directory where SLUGTST resides and type SLUGTST. You will then begin to be prompted by the routine.

****

THE SLUGTST ROUTINE

****

FIRST QUESTION
Do you want to save this to a file on drive A?

Answer yes here if you want the calculated hydraulic conductivity saved to a file on the drive A.

SECOND QUESTION
Do you have a prepared file on drive A?

If you want to enter the data by hand, enter no. If you have a prepared file then answer yes.

THIRD QUESTION
Enter the name of the file for input without using any drive designation or more than eight characters. SLUGTST has searched the disk in A drive and displayed all the files with a dat suffix. Now enter the file you want to examine (without the suffix) and hit enter.

FOURTH QUESTION

How many data points lie within the linear trend?

On the screen you will see the normalized head data on the horizontal axis and time on the vertical axis. This is opposite of what you are used to seeing plotted, but it was done this way to provide more on screen resolution for selecting the initial linear trend. The number of data points on the linear trend is just the number of points the program will use for fitting a straight line to the data and calculating K. If you don't know, guess. You can change the number of points as many times as you wish until you get a good fit.

FIFTH QUESTION

Do you want to change this plot?

Here is your chance to play with different numbers of points until you get a good fit. As mentioned previously, it may be necessary to delete the first several points in some cases to get a good fit. If you want a plot of this graph use the print screen command on your keypad. Remember that you must load the DOS graphics prior to starting SLUGTST by typing "graphics" at the DOS command line.

SIXTH QUESTION

The hydraulic conductivity is ___________
Do you want to run the program again?

The units of hydraulic conductivity will be in the units used to input the data. That is, if you used feet and minutes the answer will be given in ft per minute. A very common error is to use inconsistent units. The calculated K values for several runs will be written to an output file on the A drive called HVOR.OUT, if you answered yes to the first question.

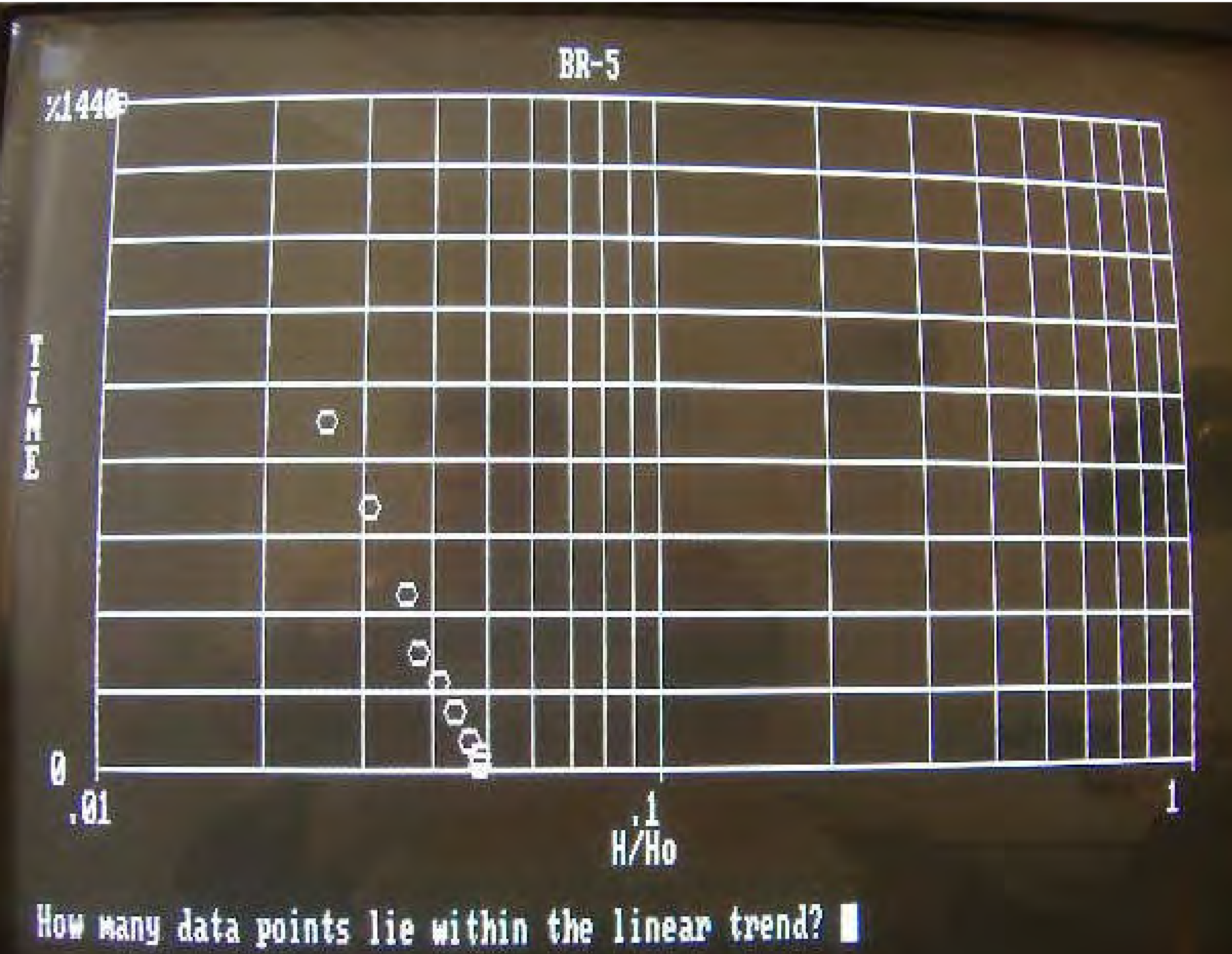
****

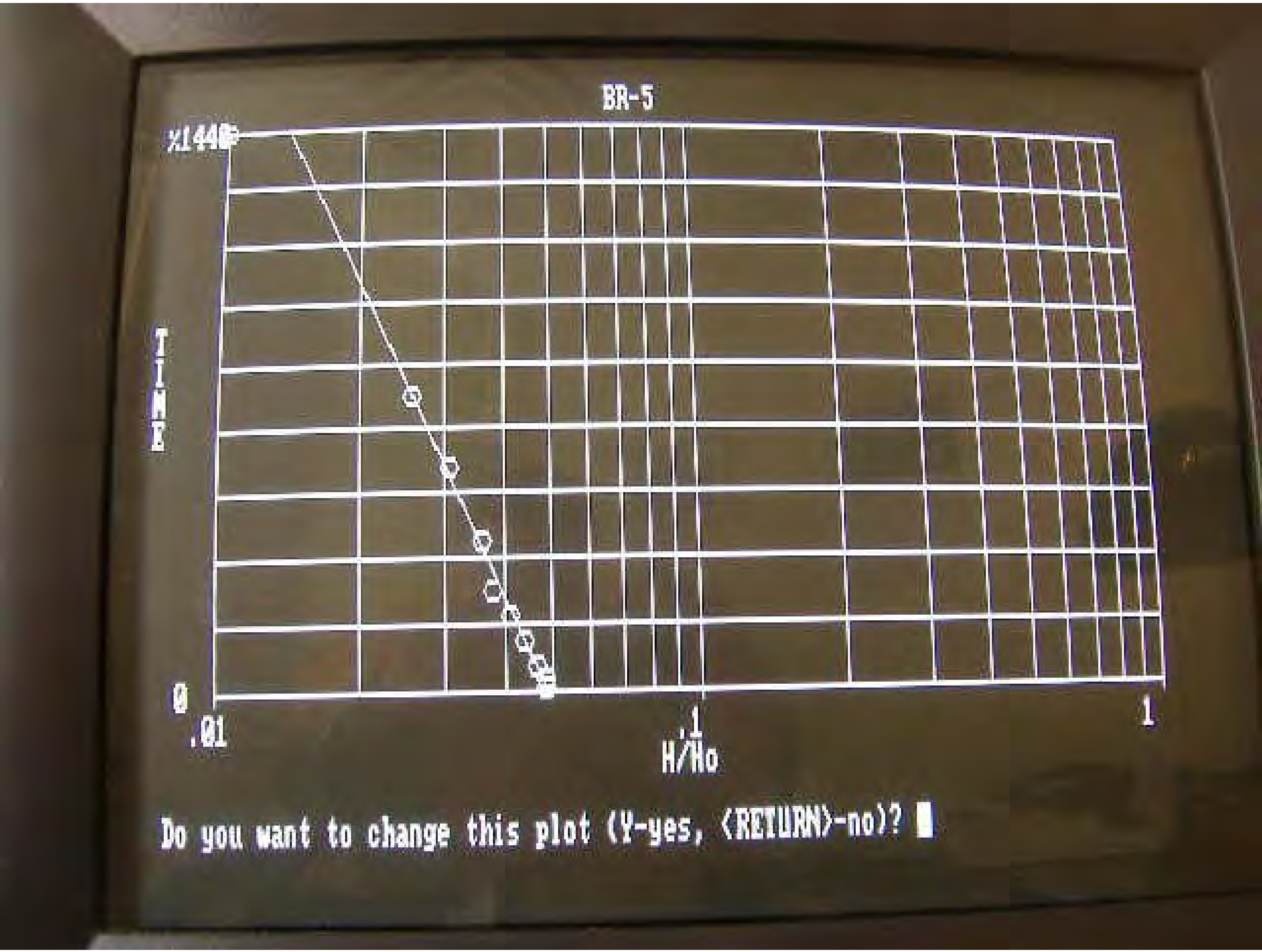
SLUGTST doesn't have many error statements. If problems are encountered, it will usually lock up the system and you will have to do a warm boot to get out. Check the input file, make sure the first ten lines are set up correctly. NO BLANK LINES are allowed in the input file, even at the end. The most common problem we have is miscounting the number of data points.

****

GOOD LUCK!

****


BR-5
%1440
TIME
0
.01
.1
1
H/Ho
How many data points lie within the linear trend?


BR-5
x1440
TIME
0
.01
.1
1
H/Ho
Do you want to change this plot (Y-yes, <RETURN>-no)?

```
The hydraulic conductivity in L/T is       1.010422010949696E-006
Do you want to run the program again (Y-yes, <RETURN>-no)?
```

APPENDICES D through F

RI SAMPLE DATA