Remedial Investigation/ Remedial Alternatives Report (RI/RAR)

4 New Seventh Street Site
Buffalo, New York
Site No. C915203

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Prepared For:

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REMEDIAL INVESTIGATION/REMEDIAL ALTERNATIVES REPORT

4 New Seventh Street Site

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1.0 INTRODUCTION

This Remedial Investigation and Remedial Alternatives Report (RI/RAR) has been prepared on behalf of 257 W. Genesee, LLC, for the 4 New Seventh Street Site in Buffalo, New York (see Figure 1). Lender Consulting Services, Inc. (LCS) and Benchmark Environmental Engineering & Science, PLLC implemented RI activities at the Site in May 2006. The RI activities were performed on behalf of 257 W. Genesee, LLC under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP No. C915203).

1.1 Purpose

The subject property is slated for redevelopment, with the majority of the property to serve as a surface parking lot for a planned multi-story office building to be constructed by HealthNow New York, Inc. The primary objective of the RI is to assess the environmental quality of the soils and groundwater within the area subject to the BCA for which a release from liability is desired, and to produce data of sufficient quality and quantity to support the development of a Remedial Alternatives Report.

This RI/RAR describes and presents the findings of the spring 2006 RI and concurrent interim remedial measure (IRM) activities, and evaluates the IRM as the final remedial alternative for the Site.

1.2 Background

1.2.1 Site Description

The 4 New Seventh Street Site encompasses approximately 1.66 acres in the City of Buffalo, New York (portions of current Erie County Tax I.D parcel nos. 110.60-2-4 and 110.12-1-23). The Site is generally bounded by New Seventh Street to the east, a newly constructed extension of Court Street to the north, and property owned by 257 W. Genesee, LLC to the south and west. Property to the west is the Former Buffalo Service Center BCP Site (Site #C915194), which was remediated by 257 W. Genesee, LLC. The subject property is described as vacant land with no current structures, located in a predominantly commercial and residential area of downtown Buffalo, New York (see Figure 2). The Site and surrounding area was historically used for industrial, commercial, and residential purposes. The Site previously included several tax parcels that were combined into one

greater parcel and eventually re-structured to the current legal tax parcels in a sale from Buffalo Urban Renewal Agency (BURA) to the current owner (257 W. Genesee, LLC).

1.2.1.1 Site Topography and Drainage

The Site is generally flat lying with limited distinguishable site features. The surface contains soil/fill with some patches of grass and brush. Precipitation (i.e., rain or melting snow) either infiltrates into the soil/fill or moves to the storm drains present in the roadways via overland flow. Surface and shallow groundwater flow are likely impacted by various cycles of development and filling, as well as utility lines and foundations.

1.2.1.2 Site Geology and Hydrogeology

The Site is located within the Erie-Ontario lake plain physiographic province, which is typified by little topographic relief, except in the immediate vicinity of major drainage ways (Ref. 1). This topographic relief is typical of an abandoned lakebed. The surficial geology of the Lake Erie Plain consists of a thin glacial till (if present), glaciolacustrine deposits, recent alluvium, and stratified sand and gravel. Glacial till deposits are not encountered on this Site. The City of Buffalo is underlain by the Onondaga Limestone, the lowest formation of the Devonian Period. Depth to bedrock ranges from approximately 2 to 25 feet in the Buffalo area. On the Site, bedrock lies approximately 20 feet below ground surface (fbgs). The bedrock surface has been significantly impacted by glacial activity.

Surface soils are characterized as urban land with level to gently 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 (Ref. 1). The presence of overburden fill material is widespread and common throughout the City of Buffalo. Prior to IRM activities, the Site contained fill to depths ranging between approximately 4 and 12 feet below ground surface (Ref. 2).

Glaciolacustrine deposits are characterized as thinly bedded to laminated silts and clays, which were deposited in lakes impounded between glacial ice and ice-free highland areas. As the glacial ice retreated northward in Erie County, water depths decreased and coarser grained shallow water sediments were deposited. These shallow water deposits included sandy beach ridges that defined lake edges, sand bars associated with offshore currents, and near shore silty fine sands. These sands exist below soil/fill at the Seventh Street Site.

Groundwater exists approximately 7.5 to 11.5 feet below grade in a shallow overburden unconfined aquifer based on observations during well drilling. In addition, the Onondaga Limestone contains one single aquifer, mostly attributable to the fractures present in the Limestone. 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 east to the west toward Lake Erie.

1.2.1.3 Climate

Western New York has a cold continental climate, with moisture from Lake Erie 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 southwest (240 degrees) with a mean velocity of 10 miles per hour (Buffalo Airport, 1999).

1.2.1.4 Population and Land Use

The City of Buffalo, encompassing 40.6 square miles, has a population of 292,648 persons (2000 U.S. Census Bureau), a decrease of 35,527 from the 1990 U.S. census. The population density in the City is 7,205.8 people per square mile. Buffalo is primarily zoned residential with commercial use mixed in along major roads. The Site is located in Census Tract 7102, with a population range of 8,301-12,625 people per square mile. The Site, which is currently vacant, is located in an area of the City zoned commercial/community service/public service.

1.2.1.5 Utilities and Groundwater Use

The Site has access to major public and private utilities, including water (City of Buffalo); sanitary and storm sewers (Buffalo Sewer Authority); electric (Niagara Mohawk Power Corporation/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

industrial, agriculture, or public supply purposes. Municipal potable water service is provided on-site and off-site by the City of Buffalo.

1.2.1.6 Wetlands and Floodplains

Erie County Internet Mapping Service shows that no State or Federal wetlands exist on the subject property; however, State wetlands are located approximately 0.6 miles southwest of the Site and Federal wetlands are located along the shore of the Niagara River (approximately ¼-mile west of the Site). Erie County Internet Mapping Service also shows a 100-year floodplain located approximately ¼-mile west of the Site along the shore of the Niagara River.

1.2.2 Site History

The Site and surrounding area was historically used for industrial, commercial, and residential purposes. The Site previously included several tax parcels that were combined into one greater parcel and eventually re-structured to the current legal tax parcels in a sale from Buffalo Urban Renewal Agency (BURA) to the current owner (257 W. Genesee, LLC). The subject property was formerly developed with a coal shed and coal yard (c. 1889 to 1899), a gasoline service station (c. 1927 to 1966), Century Manufacturing Company (c. 1925), Erie Elec. Co. (c. 1951), and several residential structures. The adjacent parcel to the west is identified as the former Buffalo Gas Light Company, a former manufactured gas plant (MGP) site. The parcel, commonly referred to as the former Buffalo Gas Works site, and the western portion of the 4 New Seventh Street Site, underwent remedial efforts in 2005 through early 2006 under a BCA to remediate contaminants in soil and groundwater associated with former MGP operations.

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 soil and groundwater analytical data tables from these previous investigations. Sample locations are shown on Figure 2.

1.2.3.1 Pre-Design Investigation – February 2004

In February 2004, RETEC, Inc. completed a Pre-Design Investigation (Ref. 3) to delineate previously identified contaminants associated with the former Buffalo Gas Works site. As part of the investigation, soil and groundwater quality data were collected from four locations on the subject property. The results of the investigation indicated that soils did not contain concentrations above NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives. Groundwater from MW-31 indicated concentrations of BTEX (4,500 ppb), naphthalene (6,400 ppb), and cyanide (1.2 ppm) at concentrations above NYSDEC TOGS 1.1.1 groundwater standards (1.0 ppb, 10 ppb, and 0.2 ppm, respectively) Groundwater samples from PZ10 indicated concentrations of benzene (64 ppb) above NYSDEC TOGS 1.1.1 groundwater standards (1.0 ppb). Groundwater samples from other test locations did not indicate contravention of NYSDEC groundwater standards.

1.2.3.2 Supplemental Investigation – August 2004

In August 2004, RETEC, Inc. completed a Supplemental Investigation Results Report (Ref. 4). That site investigation was completed on the western portion of the 4 New Seventh Street site to further delineate previously identified contaminants associated with the former Buffalo Gas Works site. As part of the investigation, eight soil borings were advanced on the 4 New Seventh Street site and soil samples were collected from seven of those soil borings. The results of the investigation indicated that soil samples collected from borings RB-48 and RB-50 contained 79 ppb and 85 ppb of benzene, respectively, which are slightly above the NYSDEC TAGM 4046 Recommended Soil Cleanup Objectives of 60 ppb.

1.2.3.3 Limited and Focused Subsurface Investigation – February 2005

In February 2005, LCS completed a Limited and Focused Subsurface Investigation (Ref. 5) of two parcels identified as the Seventh Street Site (BURA East) and the Fourth Street Site (BURA West) (BURA East is the subject of this RI report). The Seventh Street Site investigation included completion of 7 soil borings and 3 monitoring wells. Based on the field observations and analytical testing completed, elevated concentrations (as compared to the NYSDEC TAGM 4046 and NYSDEC TOGS 1.1.1) of volatile organic compounds (VOCs) and, to a lesser extent, semi-volatile organic compounds (SVOCs), specifically those typically associated with petroleum products, were identified in the soil and water samples

collected proximate the former gasoline station noted on-site. Specific VOCs detected above TAGM 4046 RSCOs in site soils were benzene (1,100 ppb max.), isopropylbenzene (8,200 ppb max.), and total xylenes (2,000 ppb max.). SVOCs were detected at concentrations above TAGM 4046 RSCOs from the 0 to 2-foot interval in soil borings BH5 and BH7; the maximum concentrations detected were: benzo(a)anthracene (630 ppb), benzo(a)pyrene (630 ppb), benzo(b)fluoranthene (720 ppb), chrysene (620 ppb), and dibenzo(a,h)anthracene (160 ppb). In addition, one soil sample detected slightly elevated mercury concentrations (0.2 mg/kg versus a guidance of 0.1 mg/kg).

The maximum VOC groundwater concentrations that exceeded NYSDEC groundwater standards were: benzene (22 ppb), ethylbenzene (32 ppb), isopropylbenzene (41 ppb), toluene (48 ppb), and total xylenes (140 ppb). The maximum SVOC groundwater concentrations that exceeded NYSDEC groundwater standards were: bis(2-ethylhexyl)phthalate (22 ppb), naphthalene (56 ppb), and phenol (2 ppb). In addition, a lead concentration of 63.8 ppb in the duplicate sample from monitoring well TPMW1 exceeded the NYSDEC groundwater standard of 25 ppb.

1.2.3.4 Limited and Focused Subsurface Investigation – April 2005

In April 2005, LCS completed an additional site investigation (Ref. 2) at the Seventh Street (BURA East) Site. The investigation included completion of 11 soil borings and 5 temporary monitoring wells in the vicinity of the former gasoline service station on the property. Based on the analytical results of the February 2005 investigation, soil and groundwater samples were analyzed for petroleum-based VOCs. Field observations and analytical testing indicated elevated concentrations of VOCs in the soil and groundwater samples collected. VOC contamination was identified at depths up to 18 feet below the top of mounded soils in areas proximate to the former service station. The following VOCs, listed with maximum concentrations observed, were detected above NYSDEC groundwater standards: 1,2,4-trimethylbenzene (860 ppb), 1,3,5-trimethylbenzene (420 ppb), benzene (2,100 ppb), ethylbenzene (1,000 ppb), isopropylbenzene (140 ppb), n-propylbenzene (150 ppb), naphthalene (160 ppb), toluene (670 ppb), and total xylenes (1,900 ppb). All maximum VOC concentrations were detected in monitoring well TPMW4.

The following SVOCs, listed with maximum concentrations observed, were detected above TAGM 4046 RSCOs: 1,2,4-trimethylbenzene (210,000 ppb), 1,3,5-trimethylbenzene (71,000 ppb), benzene (17,000 ppb), ethylbenzene (65,000 ppb), isopropylbenzene (17,000

ppb), n-butylbenzene (20,000 ppb), n-propylbenzene (28,000 ppb), naphthalene (30,000 ppb), toluene (78,000 ppb), and total xylenes (350,000 ppb). All maximum VOC concentrations were detected in soil boring BH14 (10-12').

1.3 Constituents of Primary Concern (COPCs)

Based on the historic investigations, the constituents of potential concern (COPCs) in soil/fill and groundwater were identified as petroleum-based volatile organic compounds (VOCs), specifically benzene, toluene, ethylbenzene and xylenes. The Remedial Investigation approach described in the RI Work Plan (Ref. 6) focused on these COPCs.

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, and to collect data necessary to establish offsite disposal requirements for impacted soil/fill. 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.

2.1 Magnetometer Survey

LCS performed a Geonics EM-61 magnetometer survey on the subject property. The survey was undertaken at the subject property by obtaining readings along a grid system with typical five (5) foot spacing. The magnetometer survey progressed generally south along the grid lines and west ward from an on-site designated survey origin point (X=0, Y=0), which was located on the west side along the sidewalk of Seventh Street, and south of the adjacent concrete drive area. A copy of the survey report and mapping is presented in Appendix B.

The magnetometer survey identified 23 anomalies potentially indicative of buried metallic materials. Of these, all were considered "low priority" except for three onsite anomalies identified alphanumerically as anomalies A, B and M (a fourth anomaly, identified as "anomaly H" was present offsite). Of these three, A and B were believed to be associated with underground utilities. Anomaly M was considered inconsistent with an underground storage tank based on its depth and size.

During IRM activities (see Section 8.0), several miscellaneous metal objects were excavated with the soil/fill materials. These included pieces of metal sheeting, conduit, and other minor debris. No underground storage tanks were encountered. Only two metallic objects of interest were recovered from the soil/fill spoils. These included a small hydraulic reservoir, and a partially crushed drum. The contents of both objects were characterized and properly disposed following completion of soil/fill remediation activities. Additional details concerning these items are presented in the IRM Final Engineering Report (Ref. 8)

2.2 Supplemental Soil/Fill Investigation

2.2.1 Direct Push Test Borings

In accordance with the RI Work Plan, four direct push test borings (i.e., BCP BH-01 through BCP BH-04) were completed by BMS Drilling Services, Inc. to top of bedrock (~19-20 fbgs) at the locations shown on Figure 3. At the request of the NYSDEC, a fifth boring (BCP BH-11) was completed on the western side of the Site (former Jackson Street area) to the top of bedrock (~19 fbgs). The borings were completed by driving a 2-inch outside diameter (O.D.) by 48-inch long macro-core sampler equipped with a dedicated acetate liner.

A representative portion of each 2-foot or 4-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 PVC container bags and allowed to equilibrate to ambient temperature. The 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 C. Soil screening was performed by headspace screening with the PID. PID readings ranged from 0.1 to 1,178 ppm.

Six direct push test borings (i.e., BCP BH05 through BCP BH10) were completed through the mounded area to top of bedrock (~19.5-22.5 feet below grade) at the locations shown on Figure 3. Bedrock was not encountered in borehole BCP BH05 at a depth of 24 feet below grade. The "non-impacted" soil/fill in the mounded area was approximately four feet (max.) above the grade of the remainder of the Site.

Organic vapors were detected in all 11 boreholes (below the mound in BCP BH05 through BCP BH10), and petroleum odors were detected in borehole BCP BH01 (9-15 fbgs), BCP BH05 (9-13 fbgs), BCP BH06 (8-14 fbgs), BCP BH07 (7-14 fbgs), BCP BH08 (4-16 fbgs), and BCP BH09 (6-18 fbgs).

2.2.2 Soil/Fill Sampling

Five subsurface soil/fill samples were collected from the site for comprehensive analysis including TCL VOCs, TCL SVOCs, RCRA metals (including cyanide), and TCL PCBs/pesticides using NYSDEC Analytical Services Protocol (ASP) 2000 methods and

Category B deliverables. These samples (designated BCP BH01 through BCP BH04, and BCP BH11) were collected to better delineate the VOC impact and document the condition of on-site subsurface soils for general Site characterization. Soil/fill samples were collected from the interval of highest PID reading in unsaturated soil/fill.

In addition, six soil/fill samples (designated BCP BH05 through BCP BH10) were collected on-site to characterize the mounded area for TCL VOCs and thereby establish the potential for reuse of these soils as on-site backfill. The samples were collected from the interval immediately above the surrounding grade.

Test boring/geoprobe soil/fill was sampled by opening the PVC liners (direct push), bisecting the core (if intact) vertically down the middle with a cleaned sharp knife or similar blade, 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 container (a 4-oz. wide mouth glass jar) in a manner limiting headspace by compacting the soil/fill into the container. Soil/fill samples collected for non-VOC analysis were homogenized. The homogenization was completed by removing the soil/fill from the sampling equipment, transferring it to a clean surface (steel pan, bowl, etc.), and mixing to provide a more homogeneous sample. The soil/fill 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/fill 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 Work Plan, three additional overburden groundwater monitoring wells were installed, and previously installed monitoring wells were inspected for integrity. New and existing groundwater monitoring wells were sampled to document the condition of on-site groundwater for general Site characterization.

2.3.1 Overburden Drilling

Three monitoring wells were installed on-site to straddle the groundwater table (designated BCP MW01 through BCP MW03). The wells were constructed with a 10-foot screened interval to a depth of 14.2 fbgs (top of bedrock at approx. 19-20 fbgs). The wells were installed with the screened interval spanning the groundwater/vadose zone interface. Groundwater was encountered while drilling between approximately 7.5 and 11.5 fbgs.

Test borings were advanced into the overburden using direct-push (i.e., Geoprobe) methods. Samples were obtained by driving an approximate 2-inch outside diameter (O.D.) by 48-inch long steel sampling rod equipped with a dedicated acetate liner. The sampler was driven its entire length (unless refusal was encountered) with a hydraulic and percussion drive system mounted to a pick-up truck.

Soil samples were described on stratigraphic field borehole logs by a qualified geologist from ground surface to refusal (approximately 19 to 20 fbgs). The overburden soil was described as a coarser matrix including mostly fine and medium sand with varying amounts of gravel and silt. Each 2-foot or 4-foot acetate liner sample was scanned for total volatile organic vapors with a photoionization detector (PID) equipped with a 10.2 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 C.

The highest PID reading of 1,178 ppm was measured in the 10- to 12-foot interval of borehole BCP BH01; slight to moderate petroleum-type odors were detected between approximately 9 and 15 fbgs.

2.3.2 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 waterbearing 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) protective casings were used. Monitoring well construction details are presented in Appendix C.

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 three well volumes and a maximum of five 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 analytical testing parameters including TCL VOCs, TCL SVOCs, TAL metals, including cyanide, and PCBs/pesticides. Existing 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 and existing monitoring wells. Hydraulic conductivity testing was completed using variable head methods. Variable head tests were completed by removing water from the well with a bailer. 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 D).

The calculations presented in Appendix D indicate that the hydraulic conductivity (k) of the saturated overburden ranged from 7.3 x 10^{-5} cm/s to 2.7 x 10^{-4} cm/s, with an arithmetic average of 1.6 x 10^{-4} cm/s, or 0.45 ft/day.

Although water level measurements were recorded for the purpose of developing an overburden isopotential map and establishing a hydraulic gradient, well elevation data was not recorded as explained below. As such, groundwater flow direction and flux rate could not be determined from the RI data. However, the February 2004 RETEC pre-design investigation report for the adjacent Buffalo Service Center (Ref 3 - see Section 1.2.3) includes an isopotential map for saturated overburden on the BSC site and the subject property (see Appendix D). The isopotential map shows that groundwater flow on the 4 New Seventh Street Site is generally to the west toward the southern end of the school property, and ultimately toward the former Erie Canal and the Niagara River, conformant with the local area, with a gradient (i) of approximately 0.03 ft/ft. Thus, groundwater velocity is calculated through Darcy's Law as V = Ki = 0.014 ft/day. Post-remedial groundwater monitoring will be performed in accordance with the Site Management Plan to confirm that groundwater impacts have been addressed by the remedial measures.

2.4 Site Survey

Niagara Boundary, a licensed land surveyor (LLS), was employed to establish vertical and horizontal control of the new and existing monitoring wells. However, it was later determined that vertical survey data file was not logged. This problem was not realized until several of the wells were decommissioned, preventing resurvey.

XY coordinate date from the well survey and field measurements of boring locations were used to develop the site map (see Figure 2).

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

The Site is generally flat lying with limited distinguishable Site features. The subject property is vacant with no current structures. The surface contains soil/fill with some patches of grass and brush.

3.2 Geology

The Site geology described in Section 1.2.1.2 of this report was confirmed during this investigation. Fill depths across the Site ranged from approximately 3 to 5 feet.

3.3 Hydrogeology

Groundwater was generally observed between approximately 7.5-11.5 fbgs. Published reports indicate that regional groundwater flow is generally from east to west, toward the former Erie Canal and the Niagara River. Hydraulic conductivity testing performed during the RI and prior groundwater elevation data indicate a groundwater transport rate of approximately 0.014 ft/day.

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 E. Figure 3 presents the soil sampling and groundwater monitoring well locations.

4.1 Soil/Fill

Table 1 presents a comparison of the detected soil/fill parameters to two comparative criteria: Recommended Soil Cleanup Objectives (RSCOs) per NYSDEC Technical Assistance and Guidance Memorandum (TAGM) HWR-94-4046; and Soil Cleanup Objectives (SCOs) for protection of public health on commercial properties per draft regulations contained 6NYCRR Part 375-6 (June 2006). Although it was ultimately determined that the TAGM RSCOs would be employed as cleanup goals (see Section 8.0), the site is intended to be used for commercial purposes (see Section 9.0 and Appendix H). Accordingly, the commercial SCOs are provided for informational purposes. In addition, as indicated on Table 2, the total organic carbon content in a composite soil/fill sample (BH-01 – BH-04) was determined to be 20,000 ppm, or approximately 2%. TAGM 4046 assumes a default organic carbon content of 1%. For those organic constituents where the recommended soil cleanup objectives are based on protection of groundwater quality, TAGM 4046 allows recalculation of the recommended soil cleanup objective based on the actual organic content. Accordingly, Table 1 includes the adjusted RSCO with the comparisons made based on the adjusted RSCO value, as appropriate, as well as the Part 375 commercial use SCOs. 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 or at trace (estimated) concentrations below the sample quantitation limit. None of the samples exceed Part 375 SCOs. Only two constituents, benzene and total xylene, were detected at concentrations above the TAGM 4046 RSCO, with benzene detected above the RSCO at BH-11 and xylene detected above the RSCO at BH-1. With the exception of sample location BCP BH-01 (10-12') and the corresponding duplicate sample (DUP-1), all sample locations met TAGM 4046 criteria for total VOCs of less than 10 ppm. As indicated on the

Subsurface Logs in Appendix C, the maximum PID headspace reading of 1,178 ppm was measured at the 10- to 12-foot interval from boring BCP BH-01. Slight to moderate petroleum-type odors were detected.

All samples within the mounded overburden area (BCP BH-04 through BCP BH-09) met TAGM RSCOs as well as Part 375 SCOs. As indicated on the Subsurface Logs in Appendix C, PID headspace readings from the subsurface soil/fill samples collected beneath the mounded soil/fill ranged from 0.0 to 1,803 ppm. Moderate to strong petroleum-type odors were detected at depth.

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. Constituents detected at or slightly above the TAGM 4046 RSCOs were limited to certain polycyclic aromatic hydrocarbons (i.e., benzo(a)pyrene and dibenzo(a,h)anthracene) in the sample collected from BCP BH-02 (S-02), and phenol in the sample collected from BCP BH-11 (S-8). All sample locations meet the TAGM 4046 criteria of 500 ppm for total SVOCs and 50 ppm for individual SVOCs.

4.1.3 Metals

Metals were generally present within the range of Eastern US or NY State background levels as published in TAGM 4046. The sample from BCP BH-01 (S-06) exceeded the Eastern US level for lead, magnesium and zinc. The Eastern US level for zinc was also exceeded in the samples from BCP BH-02, BH-04, and BH-11, and for magnesium in samples BCP BH-03, BH-04, and BH-11. None of the metals exceeded the Part 375-6 Commercial Use SCOs with the exception of lead in BCP BH-01 (2,020 ppm).

4.1.4 Pesticides and PCBs

All of the analyzed pesticides and PCBs (Aroclors) were reported as non-detectable.

4.1.5 pH

As indicated on Table 1, the pH of the soil/fill samples was in the range of 7.42 to 8.1.

4.1.6 Summary

As described above, analytical data for the mounded soil/fill show that VOCs meet TAGM 4046 RSCO; therefore, it was deemed suitable for use as on-site backfill. Subsurface soil/fill beneath the non-impacted soil/fill exhibited visual and PID evidence of contamination.

Analytical data for the areas surrounding the mounded area show that all sampled constituents meet Part 375 SCOs for commercial soils, with the exception of a lead exceedance at sample location BCP BH-01.

Two VOCs, total xylenes and benzene, were detected above adjusted TAGM RSCOs at one location each. However, in both instances the detected concentrations were isolated with respect to surrounding boring data, and would meet values for protection of human health as identified in TAGM HWR-94-4046 (i.e., 24 mg/kg for benzene, 200,000 mg/kg for xylenes). The detected concentrations would also meet values for protection of public health per draft 6NYCRR Part 375-6, irrespective of end use.

Two SVOCs, benzo(a)pyrene and dibenzo(a,h)anthracene, were estimated at or slightly above adjusted RSCOs at sample location BCP BH-02. Phenol was estimated above the adjusted RSCO at sample location BCP BH-11. PAHs tend to be ubiquitous in the environment, as they are produced from incomplete combustion of fossil fuels and other organic fuel sources. PAHs are also prevalent in man-made, petroleum-based materials such as asphalt and roofing materials. PAHs are frequently detected in urban areas at concentrations exceeding the levels reported in Table 1. Further discussion concerning PAHs is presented in Section 6.0. The lead concentration in BCP BH-01 exceeded the Part 375 SCO for commercial use.

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). The results of the sampling in the new and existing monitoring wells are discussed in the following sections. The samples obtained from the existing monitoring wells limited to VOC analysis per the approved RI Work Plan.

4.2.1 Volatile Organic Compounds

As indicated in Table 2, several petroleum based VOCs were reported at concentrations above Class GA GWQS in 6 of the 8 monitoring wells sampled (i.e., BCP-MW-01 and TP-MW-01 through TP-MW-08R). The majority of these wells are located and screened in the portion of the site that also exhibited field and/or analytical indications of soil/fill contamination (i.e. proximity to former service station), and were removed as part of IRM activities described in Section 8.0. In newly installed monitoring well BCP MW01, isopropylbenzene and BTEX constituents were qualified as estimated, and n-propylbenzene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene only slightly exceeded the Class GA GWQS.

4.2.2 Semi-Volatile Organic Compounds

Bis(2-ethylhexyl)phthalate was detected in 2 of the 3 newly installed monitoring wells; however, this compound is a common sampling/laboratory artifacts and was detected in the method blank as well as in the sample.

4.2.3 Metals

With the exception of total iron in BCP MW02, the concentrations of total iron, and sodium exceeded Class GA GWQS in all three newly installed monitoring wells. Soluble iron and manganese also exceeded Class GA standards in each of the newly installed wells.

4.2.4 Pesticides

Dieldrin, heptachlor, and heptachlor epoxide were detected in 2 of the 3 newly installed monitoring wells at low levels exceeding the Class GA GWQS. However, with the exception of heptachlor in well BCP MW02 (and its duplicate), and MW03, the remaining exceedances were qualified as estimated and/or potentially unreliable due to QA/QC issues.

4.2.5 Polychlorinated Biphenyls

All of the analyzed PCBs (Aroclors) were reported as non-detectable.

4.2.6 Summary

As described above and shown on Table 2, the highest concentrations of petroleum-based VOCs were detected in monitoring wells located within the area of soil/fill impact

proximate to the former gasoline station noted on-site. These include wells BCP-MW-01, TP-MW-01, TP-MW-02, TP-MW-04, and TP-MW-08R. At these locations, benzene was detected as a maximum concentration of 2,500 ug/L, toluene at a maximum concentration of 1,800 ug/L, ethylbenzene at a maximum concentration of 720 ug/L, and total xylenes at a maximum concentration of 3,100 ug/L. The SVOCs detected were qualified as estimated or were also present in the method blank. Metals detected above associated standards or guidance values may be naturally occurring minerals. Heptachlor was detected at a concentration slightly above the corresponding GWQS; it was the only pesticide without a data qualifier.

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. Ms. Judy Harry of Data Validation Services located in North Creek, 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 F

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. Several pesticide detections were qualified as based on potential interferences. No data were 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. Field duplicate evaluations performed on subsurface soil sample BCP BH03 and groundwater sample BCP MW02 for the full TCL/TAL parameter list showed acceptable correlations. Data quality issues are further described in the DUSR (Appendix F).

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 present in soil and groundwater and generation of fugitive dust are potential migration pathways for airborne transport of COPCs.

5.1.1 Fugitive Dust Generation

Non-volatile chemicals present in soil can be released to ambient air as a result of fugitive dust generation. Since the Site is primarily characterized by grass and tree cover, suspension due to wind erosion or physical disturbance of surface soil particles is unlikely. Moreover, surface soil samples on the site typically indicated conformance with TAGM 4046 RSCOs. Under a hypothetical future commercial land use, the majority of the Site would be covered by asphalt with the remaining area covered by grass and/or ornamental landscaping. However, fugitive dusts may also be generated during excavation activities under both the current and future use scenarios. Therefore, this migration pathway is potentially relevant under the current and reasonably anticipated future land use.

5.1.2 Volatilization

Volatile chemicals present in soil and groundwater may be released to ambient or indoor air through volatilization either from or through the soil/fill underlying future 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/fill at concentrations above RSCOs. 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 may be more relevant.

5.2 Waterborne Pathways

Chemicals in subsurface soils could be potentially transported via storm water runoff during excavation or construction activities, or leaching to groundwater.

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 is low, as the Site contains vegetative growth, is characterized by TAGM-compliant surface soil (and would therefore only provide for a complete surface water runoff migration pathway during excavation activities), and is surrounded by a combined sanitary/storm water sewer collection system (i.e., Buffalo Sewer Authority [BSA] collection and conveyance system). BSA's collection system provides a mechanism for controlled surface water transport but will ultimately result in sediment capture in the BSA's grit chambers followed by disposal at a permitted sanitary landfill.

5.2.2 Leaching

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 groundwater underlying the Site. This potential migration pathway is potentially relevant.

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 4 New Seventh Street Site is presently vacant. Under unremediated Site use conditions, human contact with Site-related COPCs can be expected to occur primarily by three types of receptors: trespassers who may traverse or use the property; construction workers that may access the Site or adjacent unremediated property to service utilities (e.g., utilities north of the subject property), and potentially occupants of downgradient buildings via vapor intrusion from impacted groundwater. Trespassers and occupants of downgradient buildings may be comprised of children, adolescents, and adults, whereas construction workers would be limited to adults. The site and downgradient properties are serviced by municipal (supplied) water. Therefore, direct exposure to onsite or offsite groundwater would be limited to direct contact by construction workers.

In terms of future use, the current Site owner (257 W. Genesee, LLC) intends to redevelop the majority of the Site as an asphalt and concrete ramp parking area to support the new adjacent HealthNow commercial building. This future use is consistent with surrounding property use and site zoning. Accordingly, the reasonably anticipated future use of the Site is for commercial purposes, with exposed onsite receptors comprised of the outdoor commercial worker (groundskeeper) and the construction worker, and offsite receptors potentially including occupants of downgradient buildings.

The chemicals prevalent in unremediated soil/fill and groundwater at elevated concentrations are petroleum-based VOCs. The VOCs can be released to ambient air as a result of physical disturbance of subsurface soil particles, and volatilization either from or through the soil/fill underlying future building structures. Off-site transport of chemicals via storm water runoff and leaching is also possible. Under both the unremediated current and future (commercial) use conditions, potential exposure routes are 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 commercial health-based SCOs presented in the Technical Support Document are considered protective of human health under both the current and future site use condition.

Historic soil/fill data, including that for off-site borings north of the subject property, was reviewed to determine the highest exposure point concentration for VOCs within the former service station area of the site. Table 3 presents the VOC concentrations obtained from sample location BH14 at a depth of 10 to 12 feet below grade during the April 2005 Site investigation completed by LCS. These results are compared to the above-discussed health-based cleanup objectives on Table 3.

In addition to the commercial health-based SCOs, Table 3 also includes USEPA health-based recommended soil cleanup objectives as published in NYSDEC TAGM HWR-94-4046. These values are considered protective of human health under a residential use scenario, and are thus conservative comparative criteria for the reasonably anticipated commercial future use scenario.

As shown on Table 3, no compounds were detected above any of the comparative criteria. Accordingly, no unacceptable health risks attributable to site-related COPCs are indicated for onsite or offsite trespasser and construction worker receptors under the current and future use scenario. The health-based criteria described above are for individual constituents; cumulative or synergistic effects among chemicals may yield greater risks.

For downgradient building occupants, the potential for health risk is dependent on the exposure point concentration (i.e., indoor air concentration), which is a function of several factors including groundwater concentration, vadose zone depth, building construction and ventilation, and chemical-specific factors. Studies have indicated that compounds subject to aerobic degradation, such as the Site COPCs, are less likely to cause

indoor air concerns due to groundwater-to-air pathways than comparable concentrations of anaerobically degraded compounds. Moreover, RI data for monitoring well MW-03, located immediately downgradient of the source area, indicates conformance with NY State Class GA groundwater quality standards, suggesting that groundwater impacts are highly localized within the source area and do not extend offsite. As such, the unremediated condition is not anticipated to pose a potential risk to downgradient building occupants.

6.2 Potential Ecological Risks

The 4 New Seventh Street Site is a former industrial facility located within a developed, urban area in the City of Buffalo. The Site is vacant with no current structures, and the surface contains soil/fill with mowed grass and brush, providing little or no wildlife habitat or food value. No natural waterways are present on or adjacent to the Site. The reasonably anticipated future use is commercial with the majority of the Site covered by asphalt. 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, constituents of concern (COCs) at the site are comprised of petroleum-based VOCs. These COCs are prevalent in subsurface soil/fill and in site groundwater within the area formerly used as a gasoline station (see Figure 3). Soil/fill mounded on the northern portion of the Site does not contain COCs above regulatory criteria, and is therefore suitable for use as on-site backfill. Although soil/fill and groundwater concentrations do not indicate unacceptable human health risk to current and reasonably anticipated future receptors, several samples exceed applicable regulatory criteria for protection of groundwater in the source area, indicating an environmental concern.

It was determined during the course of RI planning that remedial measures would be required to address impacted soil/fill and groundwater at the 4 New Seventh Street Site. Specifically, an Interim Remedial Measure (IRM) involving soil/fill remediation was recommended during the RI process in lieu of delaying this measure until after completion of the RI/RAR. A discussion of the IRM construction is presented in Section 8.0.

8.0 INTERIM REMEDIAL MEASURES

An IRM was implemented at the 4 New Seventh Street Site concurrent with RI activities. Details of the IRM approach are described in the February 2006 IRM Work Plan (Ref. 7) and August 2006 Final Engineering Report (Ref. 8). Based on the nature and extent of contamination as indicated by prior investigations, the IRM Work Plan called for source removal via excavation, with off-site disposal of impacted soil/fill. The IRM Work Plan was advertised with the Brownfield Cleanup Program Application for the Site in late winter, 2006. The Work Plan was approved in April 2006.

The IRM work was jointly implemented, on a design-build basis, by Benchmark and LCS on behalf of the property owner, 257 W. Genesee, LLC. Excavation and backfill activities were contracted to Modern Environmental, Inc. Construction was initiated on May 31, 2006 and was completed by June 27, 2006.

Impacted soil/fill at the Site that exceeded NYSDEC TAGM 4046 RSCOs for petroleum volatile organic compounds (VOCs) was removed by excavation and transported off-site for disposal at Modern Landfill located in Model City, NY. Specific elements of the IRM included:

- Excavation and on-site staging of non-impacted surface soil/fill (i.e., mounded soils) within the excavation limits. Approximately 770.4 cubic yards of non-impacted soil was temporarily relocated to an onsite spoils laydown area for reuse.

- Excavation of petroleum-impacted soil/fill. Approximately 4395.1 cubic yards of impacted soils were removed for off-site disposal.

- Verification sampling of the sidewalls and bottom of the excavation. LCS/Benchmark personnel collected 14 bottom and 13 sidewall verification samples within the excavation limits. Geotextile demarcation layer was placed where verification samples did not meet TAGM criteria (i.e., partial north wall of excavation beyond property line).

- Off-site transportation and disposal of impacted soil/fill at Modern Landfill. Fly ash was admixed with partially saturated soils encountered during excavation as required to prevent rejection of wet soil by the offsite disposal facility. No significant groundwater was encountered during excavation activites.

- Placement of select fill (3-inch crushed stone) in the bottom of the excavation to provide a firm base for placement of the backfill soils.

- Placement and compaction of non-impacted on-site and "clean" (i.e., TAGM HWR-94-4046 compliant) soil from off-site sources.

- Placement of a minimum 8-inch layer of No.2 crusher run stone to the design grades. The crushed stone originated from the Buffalo Crush Stone Quarry in the town of Lancaster, NY. The stone was placed on top of a woven geotextile (TerraTex GS).

Excavation extended vertically to an average depth of approximately 12 feet below ground surface (fbgs) following non-impacted soil removal, encompassing an approximate 0.25-acre area. The excavation did not extend past the property boundaries with the exception of the northern border, where excavation was extended as far north as feasible without threat of compromising major utilities.

As indicated above, LCS/Benchmark personnel collected 14 bottom and 13 sidewall verification samples within the excavation limits. Figure 4 shows verification sample locations. Sample data are presented in Appendix G. All bottom samples verified conformance with TAGM RSCOs. In addition, all sidewall samples met the TAGM RSCOs with the exception of Sidewall Samples #2, #3 and #5. These sidewall samples represent the northern edge of the site excavation and were collected following excavation beyond the property boundary. The New York State Department of Environmental Conservation (NYSDEC) was notified of the situation and it was agreed that continued excavation and verification sampling further north could not take place without compromising the underground utility lines (i.e. water main, Swan Trunk Sewer, and fiber optic) north of the property boundary. Accordingly, a geotextile filter fabric was placed over this section of the north sidewall to demarcate and segregate the impacted soil/fill from the clean backfill.

Concurrent with soil/fill removal, impacted groundwater was substantially remediated, as the wells exhibiting greatest impact were located and screened within saturated lenses that were excavated and removed from the Site as part of the IRM activities.

The IRM Final Engineering Report was supplemented with a Site Management Plan

9.0 REMEDIAL ALTERNATIVES EVALUATION

9.1 Remedial Action Objectives

The final remedial measure for the 4 New Seventh Street 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 4 New Seventh Street Site, appropriate RAOs are:

- Removal of soil/fill COCs within the Site to levels protective of human health.

- Mitigate loadings to groundwater from impacted soil/fill COCs within the former service station area of the Site at levels that could be expected to result in exceedance of groundwater quality standards.

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.

9.2 Alternatives Evaluation

Because the IRM achieved removal of all soil/fill within the impacted area to below TAGM 4046 RSCOs, the IRM successfully achieved the above-described remedial action objectives. Accordingly a "No Further Action" alternative is screened below. The no further action alternative assumes use of the Site for commercial or industrial purposes. In

addition, an unrestricted use alternative has been evaluated to provide a basis for comparison to the no further action alternative.

In developing and screening the remedial alternatives, NYSDEC's draft Part 375 regulations requires that the reasonableness of the anticipated future land be factored into the evaluation. The regulations identify 16 criteria that must be considered. These criteria and the resultant outcome for the 4 New Seventh Street Site are presented in Appendix H. As indicated, Appendix H supports commercial redevelopment as the reasonably anticipated future use of the 4 New Seventh Street Site.

9.2.1 No Further Action

"No further action" is defined as taking no additional cleanup activities at the site. The efficacy of the No Further Action alternative will continue to be maintained and monitored via the Site Management Plan (Ref. 9). The Site Management Plan addresses three key post-remedial areas: soil/fill management, which assures soil/fill removed from the site is handled in a safe and environmentally-responsible manner and provides methods for addressing unknown areas of impact, if discovered; post-remedial groundwater monitoring, which evaluates the effect of the source removal and attenuation toward remediation of site groundwater and monitors impact from residual, unremediated offsite soil/fill; and the environmental easement, which limits use of the site for commercial or industrial purposes (restricted use) and precludes use of site groundwater.

Overall Protection of Public Health and the Environment – Since the IRM achieved removal of all impacted soil/fill to RSCOs, the No Further Action alternative is protective of human health and the environment and successfully achieves the RAOs for the Site. While the northern wall of the excavation indicated residual soil/fill impact beyond the property boundary that could not be removed due to utility restrictions, the extent of this impact is minimal and localized within the area of the utilities as evidenced by sample locations BH-18 and BH-19, which indicated conformance with TAGM RSCOs.

Compliance with SCGs – The IRM was performed in accordance with applicable, relevant, and appropriate standards, guidance, and criteria. Accordingly, the "No Further Action" alternative satisfies this criterion.

Long-Term Effectiveness and Permanence – Since the IRM achieved removal of nearly all impacted soil/fill, little residual wastes remain on the Site. As such, the No further Action alternative is expected to provide long-term effectiveness and permanence. This criterion will continue to be monitored via groundwater monitoring to be completed as part of post-remedial operation, maintenance and monitoring for the site

Reduction of Toxicity, Mobility, or Volume with Treatment – Through removal of all nearly impacted soil/fill, the IRM permanently and significantly reduced the toxicity, mobility, and volume of Site contamination. Accordingly, the "No Further Action" alternative satisfies this criterion.

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/fill 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 at the work perimeter by excavating the perimeter to below surrounding grade and installation of silt fencing. 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 approximately 1 month.

Implementability – No technical or action-specific administrative implementability issues were associated with implementation of the IRM.

Cost – The capital cost of the IRM was approximately $600,000. Post-remedial groundwater monitoring and annual certifications will be undertaken concurrent with adjacent (BURA West) site monitoring. The portion of the larger site-wide groundwater monitoring plan and certifications relevant to the 4 New Seventh Street Site is estimated at $12,000 to $16,000 per year.

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

9.2.2 Unrestricted Use Alternative

An Unrestricted Use alternative would necessitate remediation of all soil/fill where COPCs exceed unrestricted use SCOs per 6NYCRR Part 375. At a minimum, this would involve additional remedial work in the vicinity of boring BCP BH-11 and BCP BH-01. For unrestricted use scenarios, excavation and off-site disposal of impacted soil/fill is generally regarded as the most applicable remedial measure, because institutional controls cannot be used to supplement the remedy. As such, the Unrestricted Use alternative assumes that soils near BCP BH-11 and BCP BH-01 would be excavated and disposed. The estimated total volume of impacted soil/fill that would be removed from these areas is 1,480 cubic yards.

Overall Protection of Public Health and the Environment – The Unrestricted Use alternative would achieve the corresponding Part 375 SCOs, which are designed to be protective of human health under any reuse scenario.

Compliance with SCGs – Similar to the IRM soil/fill removal activities, The Unrestricted Use alternative would need to be performed in accordance with applicable, relevant, and appropriate standards, guidance, and criteria.

Long-Term Effectiveness and Permanence – The unrestricted use alternative would achieve removal of all residual impacted soil/fill; therefore, no wastes would remain on the Site. As such, the Unrestricted Use alternative would provide long-term effectiveness and permanence. Post-remedial monitoring and certifications would not be required.

Reduction of Toxicity, Mobility, or Volume with Treatment – Through removal of all impacted soil/fill, the Unrestricted Use alternative would permanently and significantly reduce 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 Unrestricted Use alternative are significant and potentially uncontrollable. The presence of major utilities near

BCP BH-01, including a fiber optic communications line and in particular the aged, brick construction Swan Trunk Sewer, would likely necessitate construction of new lines outside the remedial area prior to construction, as damage to existing lines would be catastrophic and unrepairable. Moreover, significant damage to the Swan Trunk Sewer would have major ramifications for upstream discharges to the BSA's collection and conveyance system, potentially resulting in sewerage backups and associated spread of wastes and bacteria.

Implementability – Several technical and action-specific implementability issues would be encountered in construction of the Unrestricted Use Alternative. In particular, construction of the planned parking garage and surface lot has been initiated. These structures would need to be torn down to allow for the removal work.. Administrative implementability issues would include the need for rezoning of the area, as residential, agricultural and other unrestricted uses are not consistent with current zoning or the reasonably anticipated future use of the site.

Cost – The capital cost of implementing an unrestricted use alternative (post IRM) is estimated at $200,000, not including costs for utility repairs or reconstruction, or demolition/reconstruction of the parking garage and lot. Depending on the magnitude of these latter measures, the costs could increase to over $2 million. Post-remedial groundwater monitoring and annual certification costs would not be incurred.

Community Acceptance – Community acceptance would be evaluated based on comments from the public, were the Unrestricted Use alternative pursued.

9.3 Recommended Remedial Measure

Based on the above screening and the conclusions of the Remedial Investigation and IRM Final Engineering Report, the IRM satisfies the remedial action objectives and is protective of human health and the environment. Accordingly, "No Further Action" is the recommended final remedial approach for the 4 New Seventh Street Site.

10.0 REFERENCES

1. *Soil Survey of Erie County, New York*, United States Department of Agriculture, Soil Conservation Service, 1978.

2. *Limited and Focused Subsurface Investigation, Seventh Street Site and Fourth Street Site, Buffalo, New York*, dated April 11, 2005, prepared by LCS, Inc.

3. *Pre-Design Investigation Report, Buffalo Service Center, Buffalo, NY*, dated February 5, 2004, prepared by The RETEC Group, Inc.

4. *Supplemental Investigation Results Report*, RETEC, Inc., August 2004

5. *Limited and Focused Subsurface Investigation, Seventh Street Site and Fourth Street Site, Buffalo, New York*, dated February 1, 2005, prepared by LCS, Inc.

6. *Remedial Investigation Work Plan for 4 New Seventh Street, Buffalo, New York*, prepared by LCS, Inc. and Benchmark Environmental Engineering & Science, PLLC, January 2006.

7. *Interim Remedial Measures Work Plan for Brownfield Cleanup Program - 4 New Seventh Street, Buffalo, New York*, prepared by LCS, Inc. and Benchmark Environmental Engineering & Science, PLLC, February 2006.

8. *Final Engineering Report for Interim Remedial Measures - 4 New Seventh Street, Buffalo, New York*, prepared by LCS, Inc. and Benchmark Environmental Engineering & Science, PLLC, August 2006

9. *Site Management Plan - 4 New Seventh Street, Buffalo, New York*, prepared by LCS, Inc. and Benchmark Environmental Engineering & Science, PLLC, December 2006.

TABLES

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 1

SUMMARY OF SOIL/FILL ANALYTICAL RESULTS

257 W. Genesee, LLC
4 New Seventh Street Site
Buffalo, New York

Parameter	Sample Location and Depth												TAGM 4046 RSCO (ppm) [2]	Adjusted RSCO (ppm) [3]	Part 375 Commercial-Use SCOs (ppm) [4]
	BCP BH-01 (S-06)	BCP BH-01 (S-06)[1]	BCP BH-02 (S-02)	BCP BH-03 (S-09)	BCP BH-04 (S-07)	BCP BH-05 (S-4)	BCP BH-06 (S-3)	BCP BH-07 (S-3)	BCP BH-08 (S-3)	BCP BH-09 (S-3)	BCP BH-10 (S-4)	BCP BH-11 (S-8)			
	10-12'	10-12'	4-6'	16-18'	16-20'	6-8'	4-8'	6-7'	4-6'	4-6'	6-7'	14-16'			
TCL Volatile Organic Compounds (VOCs) - mg/kg															
Acetone	ND	ND	0.06	0.006 J	0.007 J	0.041 J	0.01 J	ND	ND	0.015	0.093	0.008 J	*0.2*	--	*500***
Benzene	ND	ND	ND	0.014	0.021	ND	ND	ND	ND	0.004 J	0.002 J	**1.8 D**	*0.06*	*0.17*	*44*
2-Butanone	ND	ND	0.007 J	ND	ND	0.008 J	ND	ND	ND	ND	0.017	ND	*0.3*	*0.6*	*500***
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.001 J	ND	ND	*2.7*	*5.4*	--
Cyclohexane	4.4	3.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--
Ethylbenzene	1 J	0.76 J	0.006 J	ND	0.031	ND	ND	ND	ND	ND	ND	0.076	*5.5*	*11*	*390*
Isopropylbenzene	0.45 J	0.31 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--
Methylcyclohexane	9.9	7.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--	--	--
Methylene Chloride	ND	ND	0.01 J	0.008 J	0.007 J	0.001 J	0.004 J	0.004 J	0.002 J	0.001 J	0.004 J	0.009 BJ	*0.1*	*0.2*	*500***
Toluene	ND	ND	ND	ND	0.002 J	ND	ND	ND	ND	ND	ND	0.011 BJ	*1.5*	*3*	*500***
Total Xylenes	**4.7**	**3.2**	0.025	ND	0.01 J	ND	ND	ND	ND	ND	ND	0.093	*1.2*	*2.4*	*500***
Total VOCs	**20.45**	**15.47**	**0.11**	**0.03**	**0.08**	**0.05**	**0.01**	**0.004**	**0.002**	**0.02**	**0.12**	**2.00**	***< 10***		
TCL Semi-Volatile Organic Compounds (SVOCs) (base-neutral fraction only) - mg/kg															
Polycyclic Aromatic Hydrocarbons (PAHs) - mg/kg (shaded parameters)															
Anthracene	ND	0.012 J	0.015 J	ND	ND	--	--	--	--	--	--	ND	*50**	--	*500***
Benzo(a)anthracene	0.034 J	0.041 J	0.061 J	ND	ND	--	--	--	--	--	--	ND	*0.224 or MDL*	--	*11*
Benzo(a)pyrene	0.024 J	0.032 J	**0.061 J**	ND	ND	--	--	--	--	--	--	ND	*0.061 or MDL*	--	*1.1*
Benzo(b)fluoranthene	0.042 J	0.044 J	0.074 J	ND	ND	--	--	--	--	--	--	ND	*1.1*	*2.2*	*11*
Benzo(g,h,i)perylene	ND	0.018 J	0.03 J	ND	ND	--	--	--	--	--	--	ND	*50**	--	*500***
Benzo(k)fluoranthene	0.048 J	0.015 J	0.027 J	ND	ND	--	--	--	--	--	--	ND	*1.1*	*2.2*	*56*
bis(2-Ethylhexyl)phthalate	0.052 BJ	0.096 BJ	0.067 BJ	0.084 BJ	0.072 BJ	--	--	--	--	--	--	ND	*50**	--	--
Chrysene	0.03 J	0.04 J	0.077 J	ND	ND	--	--	--	--	--	--	ND	*0.4*	*0.8*	*56*
Dibenzo(a,h)anthracene	ND	ND	**0.018 J**	ND	ND	--	--	--	--	--	--	ND	*0.014 or MDL*	--	*0.56*
Di-n-octyl phthalate	0.01 J	ND	ND	ND	ND	--	--	--	--	--	--	ND	*50**	--	--
Fluoranthene	0.061 J	0.082 J	0.12 J	ND	ND	--	--	--	--	--	--	ND	*50**	--	*500***
Indeno(1,2,3-cd)pyrene	0.016 J	0.026 J	0.055 J	ND	ND	--	--	--	--	--	--	ND	*3.2*	*6.4*	*5.6*
2-Methylnaphthalene	0.18 J	0.17 J	ND	ND	ND	--	--	--	--	--	--	ND	*36.4*	*72.8*	--
Naphthalene	0.17 J	0.16 J	ND	ND	ND	--	--	--	--	--	--	0.076 J	*13*	*26*	*500***
Phenanthrene	0.06 J	0.066 J	0.082 J	ND	ND	--	--	--	--	--	--	ND	*50**	--	*500***
Phenol	ND	ND	ND	0.011 J	0.028 J	--	--	--	--	--	--	**0.12 J**	*0.03*	*0.06*	*500***
Pyrene	0.059 J	0.065 J	0.12 J	ND	ND	--	--	--	--	--	--	ND	*50**	--	*500***
Total cPAHs	**0.194 J**	**0.198 J**	**0.373 J**	**0 J**	**0 J**	**--**	**--**	**--**	**--**	**--**	**--**	**0 J**	**-**		
Total SVOCs	**0.786**	**0.867**	**0.807**	**0.095**	**0.1**	**--**	**--**	**--**	**--**	**--**	**--**	**0.196 J**	***500***		

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 1

SUMMARY OF SOIL/FILL ANALYTICAL RESULTS

257 W. Genesee, LLC
4 New Seventh Street Site
Buffalo, New York

Parameter	Sample Location and Depth												TAGM 4046 RSCO (ppm) [2]	Adjusted RSCO (ppm) [3]	Part 375 Commercial-Use SCOs (ppm) [4]
	BCP BH-01 (S-06)	BCP BH-01 (S-06)[1]	BCP BH-02 (S-02)	BCP BH-03 (S-09)	BCP BH-04 (S-07)	BCP BH-05 (S-4)	BCP BH-06 (S-3)	BCP BH-07 (S-3)	BCP BH-08 (S-3)	BCP BH-09 (S-3)	BCP BH-10 (S-4)	BCP BH-11 (S-8)			
	10-12'	10-12'	4-6'	16-18'	16-20'	6-8'	4-8'	6-7'	4-6'	4-6'	6-7'	14-16'			
TAL Metals - mg/kg															
RCRA Metals - mg/kg (shaded parameters)															
Aluminum	8150	5500	7570	2530	4690	--	--	--	--	--	--	8960	*33,000*	--	--
Arsenic	3.3	3.9	2.8	1.5	1.9	--	--	--	--	--	--	2.1	*12*	--	*16*
Barium	80.9	63.9	51.8	22.1 B	49.6	--	--	--	--	--	--	99.4	*600*	--	*400*
Beryllium	0.41 B	0.29 B	0.32 B	0.15 B	0.28 B	--	--	--	--	--	--	0.4 B	*1.75*	--	*590*
Cadmium	0.18 B	0.11 B	0.13 B	0.09 B	0.07 B	--	--	--	--	--	--	0.19 B	*1*	--	*9.3*
Calcium	39900	33600	6740	50200	65000	--	--	--	--	--	--	72900	*35,000*	--	--
Chromium	11.8	8.2	8.6	4.8	7.3	--	--	--	--	--	--	12.5	*40*	--	*1500*
Cobalt	5.8 B	4.0 B	5.5 B	2.2 B	3.8 B	--	--	--	--	--	--	6.4	*60*	--	--
Copper	14.6	9.3	11.5	6.6	9.5	--	--	--	--	--	--	13.9	*50*	--	*270*
Iron	12700	8530	10200	5480	9100	--	--	--	--	--	--	14500	*550,000*	--	--
Lead	**2020**	**967**	27.3	7.3	11.1	--	--	--	--	--	--	9.5	*500*	--	*1000*
Magnesium	**18100**	**15600**	2330	**21000**	**26700**	--	--	--	--	--	--	**25900**	*5,000*	--	--
Manganese	343	200	378	252	327	--	--	--	--	--	--	460	*5,000*	--	*10000*
Mercury	0.027 B	ND	0.045 B	ND	ND	--	--	--	--	--	--	0.015 B	*0.2*	--	*2.8*
Nickel	12.8	8.6	11.9	5.0	8.6	--	--	--	--	--	--	15.3	*25*	--	*310*
Potassium	1490	913	608 B	730	1310	--	--	--	--	--	--	2460	*43,000*	--	--
Selenium	ND	ND	0.62 B	ND	ND	--	--	--	--	--	--	ND	*3.9*	--	*1500*
Silver	ND	ND	ND	ND	ND	--	--	--	--	--	--	0.32 B	--	--	*1500*
Sodium	415 B	341 B	52.4 B	128 B	179 B	--	--	--	--	--	--	319 B	*8,000*	--	--
Thallium	ND	ND	ND	ND	ND	--	--	--	--	--	--	0.71 B	--	--	--
Vanadium	16.4	12.4	14	6.7	11.1	--	--	--	--	--	--	17.1	*300*	--	--
Zinc	**82.7**	**67.3**	**69.7**	48.7	**61.2**	--	--	--	--	--	--	**50.9**	*50*	--	*10000*

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 1

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257 W. Genesee, LLC
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Buffalo, New York

Parameter	Sample Location and Depth												TAGM 4046 RSCO (ppm) [2]	Adjusted RSCO (ppm) [3]	Part 375 Commercial-Use SCOs (ppm) [4]
	BCP BH-01 (S-06)	BCP BH-01 (S-06)[1]	BCP BH-02 (S-02)	BCP BH-03 (S-09)	BCP BH-04 (S-07)	BCP BH-05 (S-4)	BCP BH-06 (S-3)	BCP BH-07 (S-3)	BCP BH-08 (S-3)	BCP BH-09 (S-3)	BCP BH-10 (S-4)	BCP BH-11 (S-8)			
	10-12'	10-12'	4-6'	16-18'	16-20'	6-8'	4-8'	6-7'	4-6'	4-6'	6-7'	14-16'			
Wet Chemistry (units as shown)															
Cyanide, total	--	--	--	--	--	--	--	--	--	--	--	1.7	--	--	--
Leachable pH (S.U.)	7.42	7.55	7.93	8.1	7.77	--	--	--	--	--	--	7.91	--	--	--
Percent Solids (%)	76					--	--	--	--	--	--	--	--	--	--
TOC (mg/kg)	20000					--	--	--	--	--	--	--	--	--	--

Notes:

1. Duplicate sample (DUP-1) collected at BCP BH01 (10-12').
2. The regulatory guidance values are per NYSDEC TAGM 4046 "Determination of Soil Cleanup Objectives and Cleanup Levels." For metals, the listed values represent the upper range of Eastern US or NY State soil background levels per TAGM 4046
3. TAGM 4046 RSCOs were recalculated using the site-specific organic carbon content of 2% for those organic constituents where the RSCO is based on protection of groundwater quality.
4. Soil Cleanup Objective (SCOs) for protection of Human Health - Restricted Use (Commercial) per draft 6NYCRR Part 375-6
5. Only those compounds detected at a minimum of one location are presented in this table.
6. "--" = not analyzed for this parameter or no regulatory limit reported.
7. " * " = As per TAGM #4046, Total SVOCs < 500 ppm and Individual SVOCs < 50 ppm.
8. ND = compound was not detected above the laboratory's method detection limit.
9. "**" = The SCOs for commercial use were capped at a maximum value of 500 ppm, per NYSDEC's Technical Support Document, June 2006.

Data Qualifiers:

B = indicates the compound was detected in the method blank as well as in the sample.
D = value obtained through dilution of sample.
J = estimated value

Acronyms:

RSCO = NYSDEC TAGM #4046 Recommended Soil Cleanup Objective
TAGM = Technical and Administrative Guidance Memorandum
TCL = Target Compound List
TAL = Target Analyte List

BOLD	Value exceeds TAGM 4046 RSCO or adjusted RSCO.
BOLD	Value exceeds Part 375 Commercial-Use SCO.

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

257 W. Genesee, LLC
4 New Seventh Street Site
Buffalo, New York

Parameter	Sample Location [1]									*NYSDEC Class GA GWQS (ug/L)*
	BCP MW01	BCP MW02	BCP MW02 [2]	BCP MW03	TP MW01	TP MW02	TP MW04	TP MW06	TP MW08R	
TCL Volatile Organic Compounds (VOCs) - ug/L										
Acetone	24 J	4 J	4 J	12 J	27 J	23	40 J	12 J	18 J	*50*
Benzene	**7 J**	ND	ND	ND	**230**	**94**	**2500 D**	**2 J**	**190**	*1*
2-Butanone (MEK)	ND	ND	ND	ND	ND	10	ND	ND	ND	--
sec-Butylbenzene	ND	ND	ND	ND	**16**	4	**13**	ND	ND	*5*
tert-Butylbenzene	ND	ND	ND	ND	ND	0.8 J	ND	ND	ND	*5*
Carbon Disulfide	ND	1 J	1 J	ND	ND	ND	ND	ND	ND	--
Chloroethane	ND	ND	ND	ND	ND	3 J	ND	ND	ND	*5*
Chloromethane	ND	ND	ND	ND	ND	2 J	ND	ND	ND	--
Cyclohexane	170	ND	ND	ND	760 D	180 D	940	49	50	--
p-Cymene	ND	ND	ND	ND	27	4	22	ND	ND	--
Ethylbenzene	**10 J**	ND	ND	ND	**420**	**140 D**	**720**	ND	**27 J**	*5*
Isopropylbenzene	**8 J**	ND	ND	ND	**57 J**	**29**	**80 J**	3 J	ND	*5*
Methylcyclohexane	130	ND	ND	ND	510 D	100 D	860	23 J	4 J	--
Methylene Chloride	ND	ND	ND	2 J	ND	**7 DJ**	ND	2 J	2 J	*5*
Naphthalene	6	ND	ND	ND	210	17	180	7	ND	--
n-Propylbenzene	**9**	ND	ND	ND	**70**	**27**	**84**	3 J	ND	*5*
Toluene	4 J	ND	ND	ND	**580**	**10**	**1800 D**	2 J	**14 J**	*5*
1,2,4-Trimethylbenzene	**5**	ND	ND	ND	**1100 D**	**20**	**910**	**8**	3 J	*5*
1,3,5-Trimethylbenzene	**9**	ND	ND	ND	**420**	**15**	**320**	**5**	ND	*5*
Total Xylenes	**23 J**	ND	ND	ND	**2700**	**26**	**3100 D**	ND	**95**	*5*
TCL Semi-Volatile Organic Compounds (SVOCs) (base-neutral fraction only) - mg/kg										
Acenaphthene	0.3 J	ND	ND	ND	--	--	--	--	--	--
Acetophenone	ND	0.3 J	ND	ND	--	--	--	--	--	--
Bis(2-ethylhexyl)phthalate	1 BJ	**11 B**	**16 B**	**20 B**	--	--	--	--	--	*5*
Dibenzofuran	0.3 J	ND	ND	0.3 J	--	--	--	--	--	--
Di-n-butyl phthalate	0.6 J	0.6 J	0.6 J	ND	--	--	--	--	--	*50*
Diethyl phthalate	ND	1 J	ND	0.5 J	--	--	--	--	--	--
2,4-Dimethylphenol	0.5 J	ND	ND	ND	--	--	--	--	--	*1**
Fluorene	0.4 J	ND	ND	0.3 J	--	--	--	--	--	--
2-Methylnaphthalene	1 J	ND	ND	0.3 J	--	--	--	--	--	--
4-Methylphenol	5 J	ND	ND	ND	--	--	--	--	--	--
Naphthalene	3 J	ND	ND	ND	--	--	--	--	--	--
Phenanthrene	1 J	ND	0.4 J	1 J	--	--	--	--	--	--
Phenol	1 J	ND	1 J	ND	--	--	--	--	--	*1**
Pyrene	ND	ND	ND	0.3 J	--	--	--	--	--	--
Pesticides - ug/L										
Aldrin	0.025 JP	0.044 JP	0.061 P	0.046 JP	--	--	--	--	--	*ND*
beta-BHC	0.085	0.13	0.14	0.15	--	--	--	--	--	--
alpha-chlordane	ND	0.027 J	0.028 J	ND	--	--	--	--	--	--
gamma-chlordane	ND	0.08 P	0.09 P	0.088	--	--	--	--	--	--
4,4'-DDE	0.11 P	ND	0.21 P	0.23 P	--	--	--	--	--	--
4,4'-DDT	0.052 JP	ND	0.18	0.092 JP	--	--	--	--	--	--
Dieldrin	ND	**0.021 JP**	**0.047 JP**	**0.055 JP**	--	--	--	--	--	*0.004*
Endosulfan sulfate	ND	ND	0.033 JP	0.012 JP	--	--	--	--	--	--
Endrin	ND	ND	ND	0.062 JP	--	--	--	--	--	*ND*

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS

257 W. Genesee, LLC
4 New Seventh Street Site
Buffalo, New York

Parameter	Sample Location [1]									*NYSDEC Class GA GWQS (ug/L)*
	BCP MW01	BCP MW02	BCP MW02 [2]	BCP MW03	TP MW01	TP MW02	TP MW04	TP MW06	TP MW08R	
Pesticides - ug/L										
Endrin aldehyde	ND	0.14 P	0.15	ND	--	--	--	--	--	*5*
Endrin ketone	ND	ND	0.032 JP	ND	--	--	--	--	--	*5*
Heptachlor	0.031 J	**0.046 J**	**0.054**	**0.053**	--	--	--	--	--	*0.04*
Heptachlor epoxide	ND	**0.14 P**	**0.15 P**	**0.19 P**	--	--	--	--	--	*0.03*
Methoxychlor	0.011 JP	0.37 JP	0.43 JP	0.01 JP	--	--	--	--	--	*35*
TAL Metals - mg/kg										
Aluminum	1190	141 B	191 B	452	--	--	--	--	--	--
Barium	576	52.8 B	51.2 B	688	--	--	--	--	--	*1000*
Beryllium	0.54 B	0.3 B	0.29 B	0.43 B	--	--	--	--	--	--
Calcium	146000	233000	228000	193000	--	--	--	--	--	--
Chromium	0.87 B	ND	ND	ND	--	--	--	--	--	*50*
Cobalt	1.3 B	3.2 B	3.6 B	1.8 B	--	--	--	--	--	--
Copper	2.2 B	3.5 B	4.6 B	2.3 B	--	--	--	--	--	*200*
Iron	**10200**	136	174	**11300**	--	--	--	--	--	*300***
Magnesium	19600	47200	46600	56400	--	--	--	--	--	--
Manganese	**1630**	**1110**	**1060**	**691**	--	--	--	--	--	*300***
Nickel	3.8 B	7.5 B	6.2 B	5 B	--	--	--	--	--	*100*
Potassium	15400	40300	40000	46700	--	--	--	--	--	--
Sodium	**550000**	**70900**	**69300**	**87300**	--	--	--	--	--	*20000*
Vanadium	3.3 B	1.1 B	1.3 B	1.8 B	--	--	--	--	--	--
Zinc	6.0B	5.7 B	6.1 B	11.1 B	--	--	--	--	--	--
Soluble Metals - ug/L										
Iron	**3030**	**1010**	--	**910**	--	--	--	--	--	*300***
Manganese	**1250**	**793**	--	**518**	--	--	--	--	--	*300***
Wet Chemistry - mg/L										
Biochemical Oxygen Demand	9.1	51.4	--	ND	--	--	--	--	--	--
Chemical Oxygen Demand	55.1	20.9	--	39.3	--	--	--	--	--	--
Nitrate (as N)	ND	ND	--	ND	--	--	--	--	--	--

Notes:

1. Sample locations TP-MW01through TP-MW08R were located in the area of the site addressed by the IRM. The data presented represent pre-IRM conditions.
2. Duplicate sample (DUP-02) collected at MW-02
3. Only those compounds detected at a minimum of one location are presented in this table.
4. "--" = Sample not analyzed for this parameter or no regulatory limit reported.
5. * applies to the sum of all phenol compounds
6. ** total iron and manganese GWQS = 500 ug/L.
7. Used original extraction (not re-extraction that occurred outside the holding time) for samples BCP MW02, BCP MW03, and DUP 02.

Data Qualifiers:

B = indicates the compound was detected in the method blank as well as in the sample.
D = value obtained through dilution of sample.
J = estimated value
P = Difference in detected concentrations between the two GC columns is greater than 25%, lower value used (CLP methodology only).

Acronyms:

GWQS = Groundwater Quality Standards (NYSDEC TOGS 1.1.1, Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1
ND = Compound was not detected above the laboratory's method detection limit.
TAL = Target Analyte List
TCL = Target Compound List
BCP = Brownfield Cleanup Program
TP = Test Pit

BOLD Value exceeds Class GA GWQS.

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

TABLE 3

COMPARISON OF SOURCE AREA VOLATILE ORGANIC COMPOUNDS (VOCs) CONCENTRATIONS TO HEALTH-BASED SOIL CLEANUP OBJECTIVES

257 W. Genesee, LLC
4 New Seventh Street Site
Buffalo, New York

Parameter	Highest Exposure Point Concentration[1]	*USEPA Health Based RSCO (ppm)*[2]	*Part 375 Commercial SCOs (ppm)*[3]
Volatile Organic Compounds (VOCs) (ppm)			
1,2,4-Trimethylbenzene	210	--	*190*
1,3,5-Trimethylbenzene	21	--	*190*
Benzene	17	*24*	*44*
Ethylbenzene	65	*8000*	*390*
Isopropylbenzene	17	--	--
Metyl tert butyl ether (MTBE)	6.5	--	*1100*
n-Butylbenzene	20	--	*11000*
sec-Butylbenzene	6.8	--	*11000*
tert-Butylbenzene	6.5	--	*11000*
n-Propylbenzene	28	--	*11000*
Naphthalene	30	--	*3500*
p-Isopropyltoluene	8.5	--	--
Toluene	78	*20000*	*8900*
m,p-Xylene	260	--	--
o-Xylene	97	--	--
Total Xylenes	350	*200000*	*3100*

Notes:

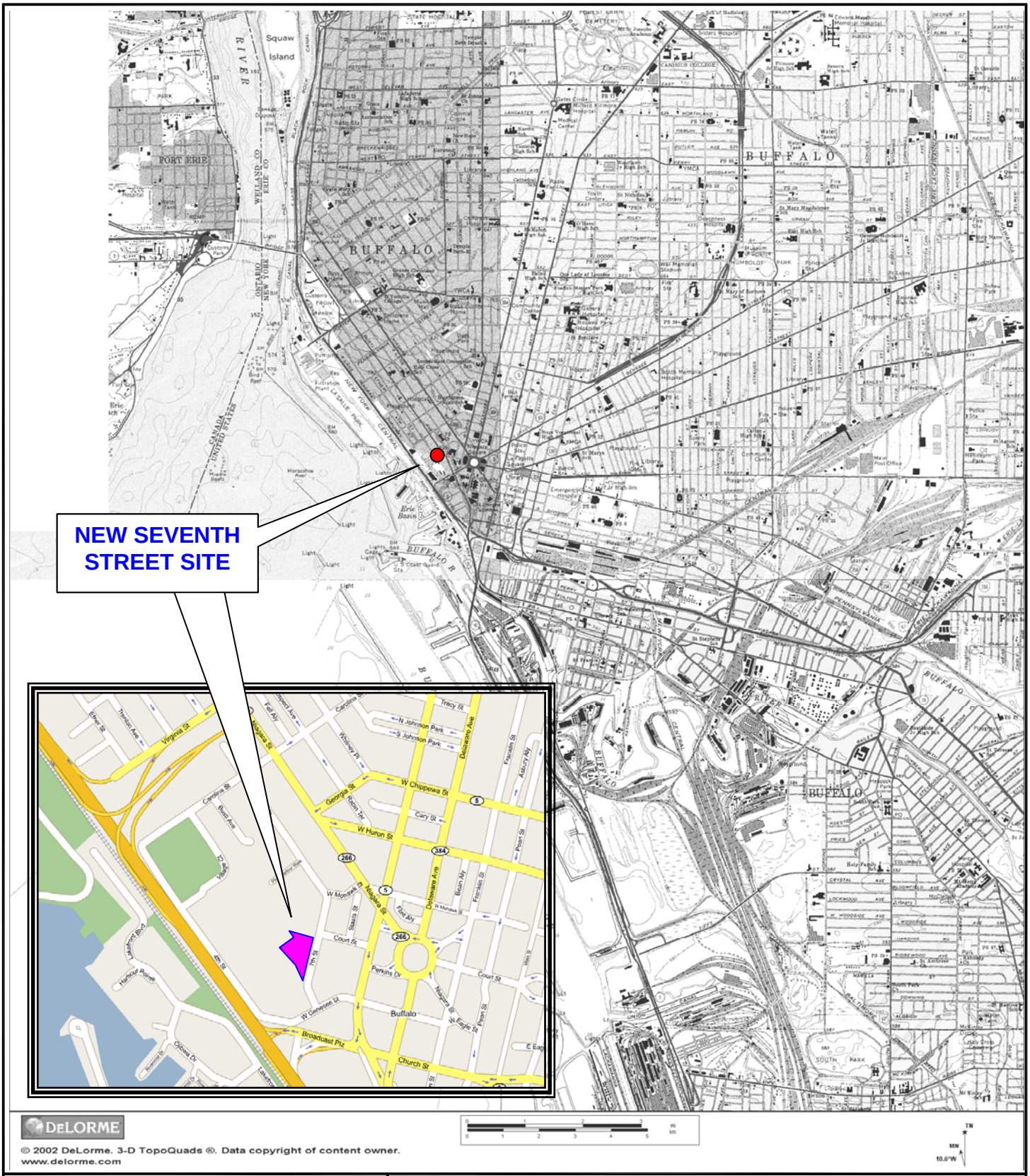
1. Sample obtained from boring BH14 (10-12').
2. USEPA Health-Based RSCOs per NYSDEC TAGM 4046 "Determination of Soil Cleanup Objectives and Cleanup Levels."
3. NYSDEC Brownfield Cleanup Program Development of Soil Cleanup Objectives, June 2006, Technical Support Document, Table 5.6-1 Human Health-Based SCOs.

Acronyms:

RSCO = NYSDEC TAGM #4046 Recommended Soil Cleanup Objective
TAGM = Technical and Administrative Guidance Memorandum

FIGURES

FIGURE 1



LCS INC.
Environmental and Real Estate Consultants

BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

PROJECT NO.: 0102-002-208 / 05B341.26

DATE: SEPTEMBER 2006

DRAFTED BY: BCH

SITE LOCATION AND VICINITY MAP

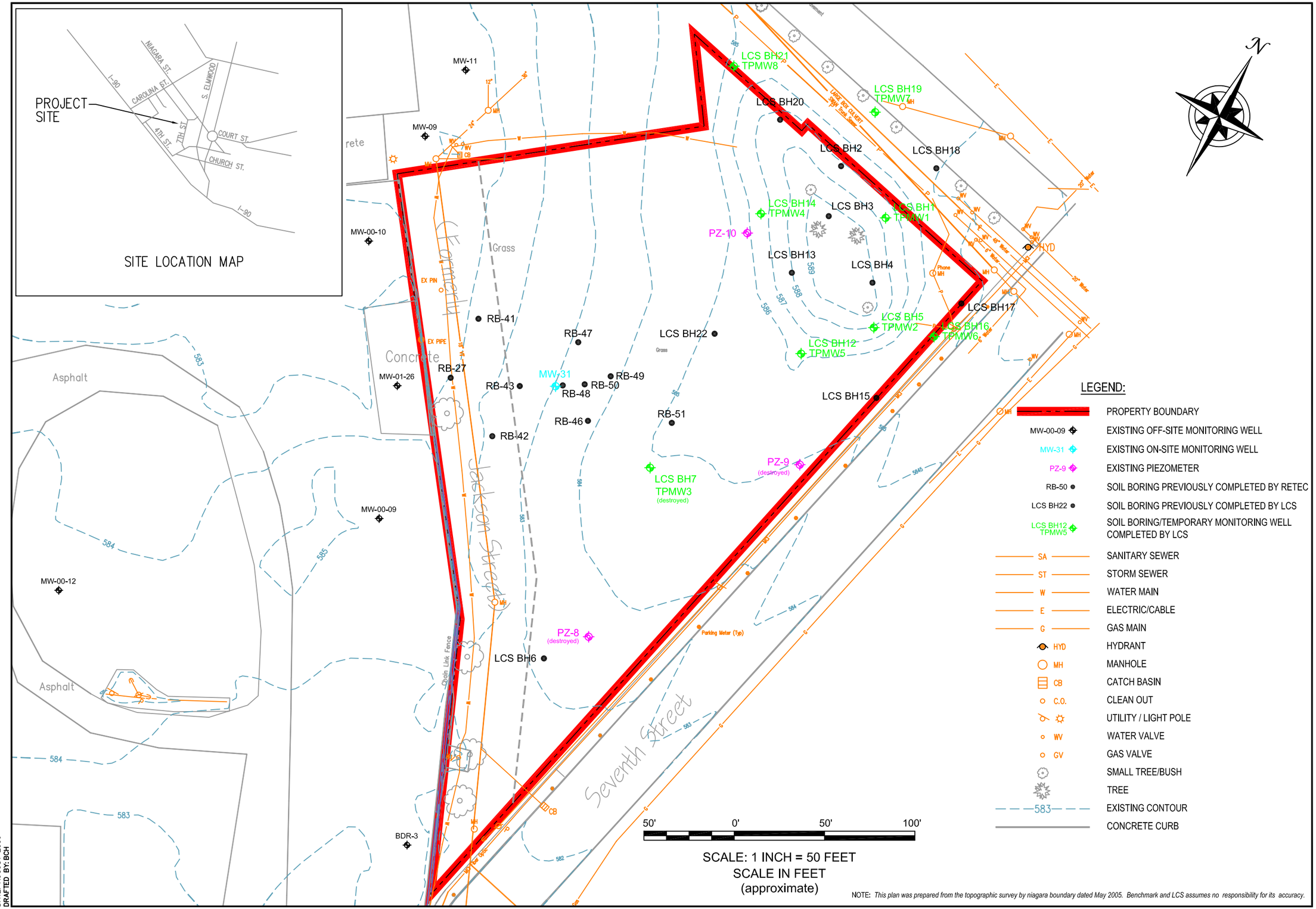
RI REPORT - BCP NO. C915203

4 NEW SEVENTH STREET SITE
BUFFALO, NEW YORK

PREPARED FOR

257 W. GENESEE, LLC

SITE LOCATION MAP



N

LEGEND:

- PROPERTY BOUNDARY
- MW-00-09 — EXISTING OFF-SITE MONITORING WELL
- MW-31 — EXISTING ON-SITE MONITORING WELL
- PZ-9 — EXISTING PIEZOMETER
- RB-50 — SOIL BORING PREVIOUSLY COMPLETED BY RETEC
- LCS BH22 — SOIL BORING PREVIOUSLY COMPLETED BY LCS
- LCS BH12 TPMW5 — SOIL BORING/TEMPORARY MONITORING WELL COMPLETED BY LCS
- SA — SANITARY SEWER
- ST — STORM SEWER
- W — WATER MAIN
- E — ELECTRIC/CABLE
- G — GAS MAIN
- HYD — HYDRANT
- MH — MANHOLE
- CB — CATCH BASIN
- C.O. — CLEAN OUT
- UTILITY / LIGHT POLE
- WV — WATER VALVE
- GV — GAS VALVE
- SMALL TREE/BUSH
- TREE
- 583 — EXISTING CONTOUR
- CONCRETE CURB

50' 0' 50' 100'

SCALE: 1 INCH = 50 FEET
SCALE IN FEET
(approximate)

NOTE: *This plan was prepared from the topographic survey by niagara boundary dated May 2005. Benchmark and LCS assumes no responsibility for its accuracy.*

DATE: AUGUST 2006
DRAFTED BY: BCH

LCS INC. Environmental and Real Estate Consultants

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

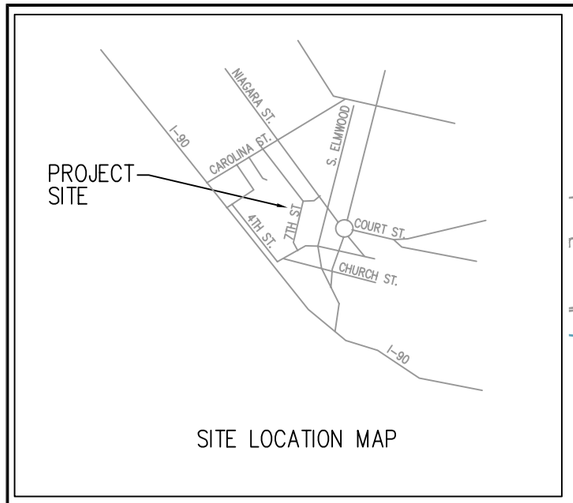
JOB NO.: 0102-002-100 / 05B341.26

EXISTING SITE PLAN

RI/RAR

4 NEW SEVENTH STREET SITE
BUFFALO, NEW YORK
PREPARED FOR
257 W. GENESEE, LLC

FIGURE 2



SITE LOCATION MAP

ANTICIPATED EXCAVATION LIMITS (AREA OF FORMER SERVICE STATION)

LCS BH21 TPMW8
LCS BH19 TPMW7
LCS BH20
LCS BH2
LCS BH18
BCP BH05
BCP BH11
BCP BH04
BCP BH03 MW03
LCS BH14 TPMW4
LCS BH3
LCS BH1 TPMW1
BCP BH08
BCP BH06
BCP BH10
PZ-10
LCS BH13
LCS BH4
BCP BH01 MW01
BCP BH09
LCS BH17
LCS BH5 TPMW2
BCP BH07
LCS BH16 TPMW6
LCS BH12 TPMW5
LCS BH22
LCS BH15
BCP BH02 MW02
PZ-9 (destroyed)
LCS BH7 TPMW3 (destroyed)
PZ-8 (destroyed)
LCS BH6
MW-11
MW-09
MW-00-10
MW-01-26
MW-00-09
MW-00-12
BDR-3
RB-41
RB-47
RB-27
RB-43
MW-31
RB-49
RB-48
RB-50
RB-46
RB-51
RB-42
Formerly (Grass)
Concrete
Asphalt
Grass
Jackson Street
Seventh Street
Chain Link Fence



LEGEND:

- PROPERTY BOUNDARY
- MW-00-09 — EXISTING OFF-SITE MONITORING WELL
- MW-31 — EXISTING ON-SITE MONITORING WELL
- PZ-9 — EXISTING PIEZOMETER
- RB-50 — SOIL BORING PREVIOUSLY COMPLETED BY RETEC
- LCS BH22 — SOIL BORING PREVIOUSLY COMPLETED BY LCS
- LCS BH12 TPMW5 — SOIL BORING/TEMPORARY MONITORING WELL COMPLETED BY LCS
- SMALL TREE/BUSH
- TREE
- 583 — EXISTING CONTOUR
- CONCRETE CURB
- BCP BH03 MW03 — RI/RAR MONITORING WELL
- BCP BH04 — RI/RAR SOIL BORING

50' 0' 50' 100'

SCALE: 1 INCH = 50 FEET
SCALE IN FEET
(approximate)

NOTE: *This plan was prepared from the topographic survey by niagara boundary dated May 2005. Benchmark and LCS assumes no responsibility for its accuracy.*

DATE: AUGUST 2006
DRAFTED BY: BCH

LCS INC. Environmental and Real Estate Consultants

BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

JOB NO.: 0102-002-100 / 05B341.26

RI/RAR SAMPLE LOCATIONS

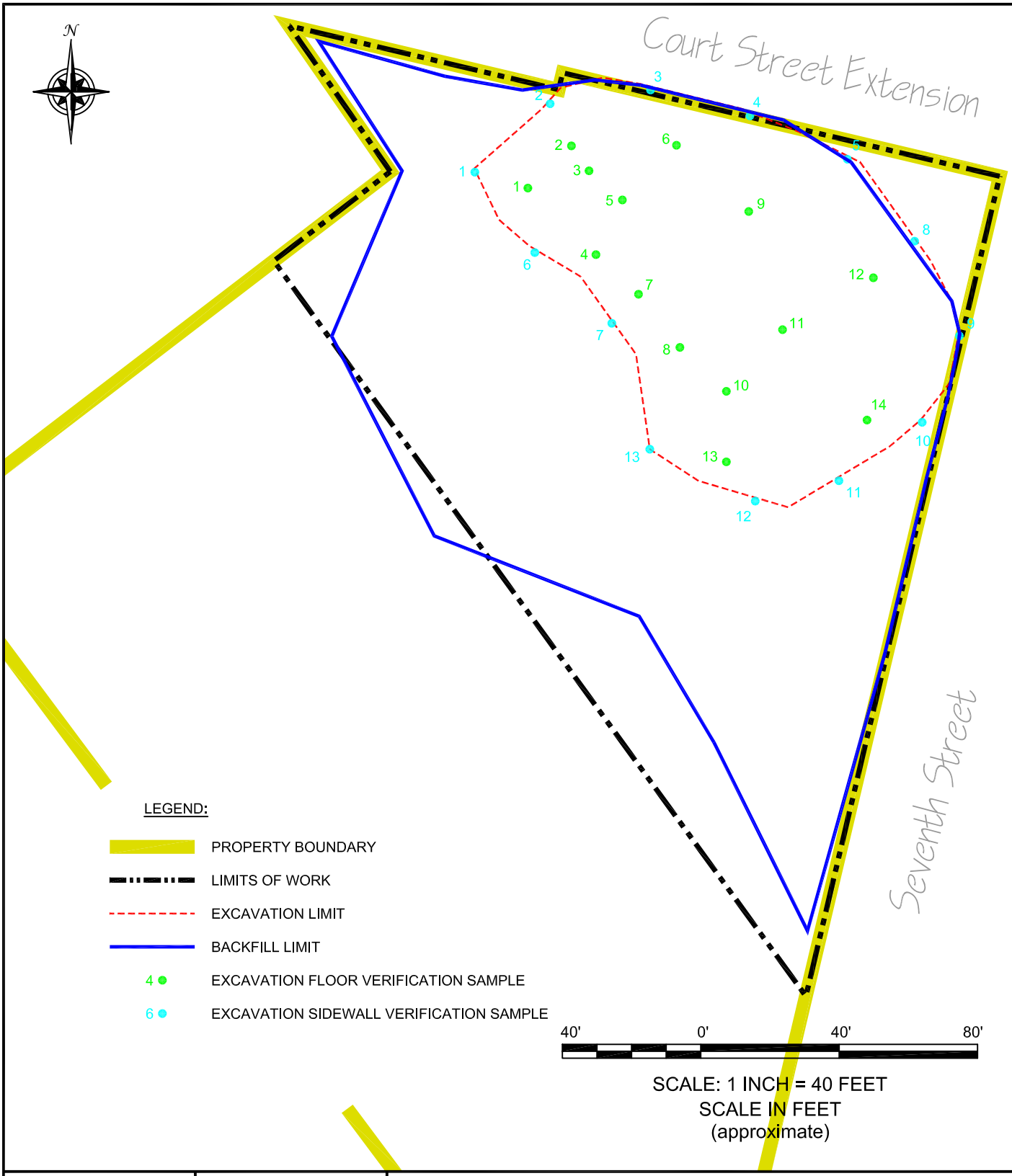
RI/RAR

4 NEW SEVENTH STREET SITE
BUFFALO, NEW YORK

PREPARED FOR
257 W. GENESEE, LLC

FIGURE 3

FIGURE 4



BENCHMARK ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC

LCS INC. Environmental and Real Estate Consultants

PROJECT NO.: 0102-002-100 / 05B341.26

DATE: AUGUST 2006

DRAFTED BY: BCH

IRM VERIFICATION SAMPLE LOCATIONS

RI/RAR REPORT

4 NEW SEVENTH STREET SITE
BUFFALO, NEW YORK

PREPARED FOR
257 W. GENESEE, LLC

APPENDIX A

PREVIOUS INVESTIGATION SAMPLE RESULTS

FEB 2004
RETEC

Table 2
Subsurface Soil Results - Buffalo Service Center
August to December 2003

Sample Designation Laboratory ID Date Sampled	NYSDEC Recommended Soil Cleanup Objective	MW31 (7-9) A3798101 8/20/2003
BTEX Compounds (ug/Kg)		
Benzene	60	6 U
Ethylbenzene	5,500	6 U
Toluene	1,500	6 U
Total Xylenes	1,200	19 U
Total BTEX (ug/Kg)	**NL**	— U
PAH Compounds (ug/Kg)		
2-Methylnaphthalene	36,400	400 U
Acenaphthene	50,000	400 U
Acenaphthylene	41,000	400 U
Anthracene	50,000	400 U
Benzo(a)anthracene	224 or ND	400 U
Benzo(a)pyrene	61 or ND	400 U
Benzo(b)fluoranthene	1,100	400 U
Benzo(ghi)perylene	50,000	400 U
Benzo(k)fluoranthene	1,100	400 U
Chrysene	400	400 U
Dibenzo(a,h)anthracene	14 or ND	400 U
Fluoranthene	50,000	400 U
Fluorene	50,000	400 U
Indeno(1,2,3-cd)pyrene	3,200	400 U
Naphthalene	13,000	400 U
Phenanthrene	50,000	400 U
Pyrene	50,000	400 U
Total PAHs (ug/Kg)	**< 500,000**	— U
Metals (mg/Kg)		
Arsenic	7.5 or SB (12)	2.6 U
Barium	300 or SB (600)	11.7
Cadmium	1 or SB (1)	0.26 U
Chromium - Total	10 or SB (40)	3.9
Lead	SB (400)	7.0
Mercury	0.100	0.026 U
Selenium	2 or SB (3.9)	5.2 U
Silver	SB	0.64 U

Notes:
na = Not Analyzed
ND or U = Not detected above the reporting limit.
J = The value is an estimated quantity.
NL = Not Listed
SB = Site Background
Shading = Above TAGM cleanup objective.
Recommended cleanup objectives from:
"NYSDEC TAGM HWR-94-4046 -
Determination of Soil Cleanup Levels [1994]".

FEB. 2004
RETEC

Table 2
Subsurface Soil Results - Buffalo Service Center
August to December 2003

Sample Designation Laboratory ID Date Sampled	NYSDEC Recommended Soil Cleanup Objective	PZ8 (6-8) A3c59701 12/30/2003	PZ9 (4-6) A3c59702 12/30/2003	PZ10 (12-14) A3c59703 12/30/2003
BTEX Compounds (ug/Kg)				
Benzene	60	6 U	6 U	6 U
Ethylbenzene	5,500	2 J	6 U	6 U
Toluene	1,500	6 U	6 U	6 U
Total Xylenes	1,200	4 J	18 U	18 U
Total BTEX (ug/Kg)	**NL**	**6**	**— U**	**— U**
PAH Compounds (ug/Kg)				
2-Methylnaphthalene	36,400	430 U	400 U	400 U
Acenaphthene	50,000	430 U	400 U	400 U
Acenaphthylene	41,000	430 U	400 U	400 U
Anthracene	50,000	430 U	400 U	400 U
Benzo(a)anthracene	224 or ND	430 U	400 U	400 U
Benzo(a)pyrene	61 or ND	430 U	400 U	400 U
Benzo(b)fluoranthene	1,100	430 U	400 U	400 U
Benzo(ghi)perylene	50,000	430 U	400 U	400 U
Benzo(k)fluoranthene	1,100	430 U	400 U	400 U
Chrysene	400	430 U	400 U	400 U
Dibenzo(a,h)anthracene	14 or ND	430 U	400 U	400 U
Fluoranthene	50,000	430 U	400 U	400 U
Fluorene	50,000	430 U	400 U	400 U
Indeno(1,2,3-cd)pyrene	3,200	430 U	400 U	400 U
Naphthalene	13,000	430 U	400 U	400 U
Phenanthrene	50,000	430 U	400 U	400 U
Pyrene	50,000	430 U	400 U	400 U
Total PAHs (ug/Kg)	**< 500,000**	**— U**	**— U**	**— U**
Metals (mg/Kg)				
Arsenic	7.5 or SB (12)	na	na	na
Barium	300 or SB (600)	na	na	na
Cadmium	1 or SB (1)	na	na	na
Chromium - Total	10 or SB (40)	na	na	na
Lead	SB (400)	na	na	na
Mercury	0.100	na	na	na
Selenium	2 or SB (3.9)	na	na	na
Silver	SB	na	na	na

Notes:
na = Not Analyzed
ND or U = Not detected above the reporting limit.
J = The value is an estimated quantity.
NL = Not Listed
SB = Site Background
Shading = Above TAGM cleanup objective.
Recommended cleanup objectives from:
"NYSDEC TAGM HWR-94-4046 -
Determination of Soil Cleanup Levels [1994]".

FEB. 2004
RETEC

Table 3
1990 - 2003 Groundwater Sample Results
Buffalo Service Center

Well Designation / Date Sampled	NYSDEC Guidance or Standard Concentration	BDR-3 Oct 2002	BDR-3 Nov 2003	PZ-08 Dec 2003	PZ-09 Dec 2003	PZ-10 Dec 2003	MW-31 Nov 2003	MW-31 Dec 2003
BTEX Compounds (ug/L)								
Benzene	1.0	130	280.0 J	5.0 U	5.0 U	64.0	4,500	3,400
Ethylbenzene	5.0	19.0 J	44.0	5.0 U	5.0 U	5.0 U	1,700	1,400
Toluene	5.0	2.5 J	1.0 J	5.0 U	5.0 U	3.3 J	1,200	1,000
Total Xylenes	5.0	15.0 J	9.4	15.0 U	15.0 U	15.0 U	3,000	2,700
Total BTEX (ug/L)	NL	166.5	334.4	ND	ND	67.3	10,400.0	8,500.0
PAH Compounds (ug/L)								
Acenaphthene	20 g	ND	9 U	10 U	15 U	9 U	10 J	11
Acenaphthylene	NL	ND	9 U	10 U	15 U	9 U	8 J	12
Anthracene	50 g	ND	9 U	10 U	15 U	9 U	11 U	10 U
Benzo(a)anthracene	0.002 g	ND	9 U	10 U	15 U	9 U	11 U	10 U
Benzo(a)pyrene	ND	ND	9 U	10 U	15 U	9 U	11 U	10 U
Benzo(b)fluoranthene	NL	ND	9 U	10 U	15 U	9 U	11 U	10 U
Benzo(ghi)perylene	NL	ND	9 U	10 U	15 U	9 U	11 U	10 U
Benzo(k)fluoranthene	0	ND	9 U	10 U	15 U	9 U	11 U	10 U
Chrysene	NL	ND	9 U	10 U	15 U	9 U	11 U	10 U
Dibenzo(a,h)anthracene	NL	ND	9 U	10 U	15 U	9 U	11 U	10 U
Fluoranthene	50 g	ND	9 U	10 U	15 U	9 U	11 U	2 J
Fluorene	50 g	ND	9 U	10 U	15 U	9 U	10 J	11
Indeno(1,2,3-cd)pyrene	0	ND	9 U	10 U	15 U	9 U	11 U	10 U
2-Methylnaphthalene	NL	ND	9 U	10 U	15 U	9 U	240 J	950
Naphthalene	10 g	27	29	10 U	15 U	9 U	6,200	6,400
Phenanthrene	50 g	ND	9 U	10 U	15 U	9 U	14	17
Pyrene	50 g	ND	9 U	10 U	15 U	9 U	11 U	10 U
Total PAHs (ug/L)	NL	27	29	ND	ND	ND	6,482	7,403
Metals (mg/L)								
Arsenic	0.025 s	ND	0.01 U	na	na	na	0.01 U	0.01 U
Barium	1 s	0.4	0.4	na	na	na	0.23	0.22
Cadmium	0.010 s	ND	0.001 U	na	na	na	0.001 U	0.001 U
Chromium - Total	0.050 s	ND	0.004	na	na	na	0.004 U	0.004 U
Lead	0.025 s	ND	0.006 U	na	na	na	0.006 U	0.006 U
Mercury	0.002 s	ND	0.0002 U	na	na	na	0.0002 U	0.0002 U
Selenium	0.01 s	ND	0.015 U	na	na	na	0.015 U	0.015 U
Silver	0.05 s	ND	0.003 U	na	na	na	0.003 U	0.003 U
Cyanide (mg/L)								
Cyanide - Total	0.2 s	0.2	2.4	na	na	na	1.2	0.95
Cyanide - Amenable	NL	ND	na	na	na	na	na	na

Notes:
ND or U = Not detected above the reporting limit.
na = Not analyzed.
J = Estimated value.
E = Estimated value outside of calibration range.
NL = Not listed.
Data prior to November 2003 provided by IT Corp.
Shading = Above guidance or standard concentration.

2/1/2004

Table 2
Subsurface Soil Sample Results
Supplemental Investigation
Buffalo Service Center

Sample Designation Laboratory ID Date Sampled	NYSDEC Recommended Soil Cleanup Objective	RB-41 (8-10) A4606903 6/24/2004	RB-42 (8-10) A4606904 6/24/2004	RB-43 (8-10) A4606904 6/24/2004	RB-46 (6-8) A4606906 6/24/2004	RB-47 (10-12) A4606907 6/24/2004	RB-48 (14-16) A4606908 6/24/2004	RB-50 (12.7-14.7) A4606909 6/24/2004
BTEX Compounds (ug/Kg)								
Benzene	60	6 U	6 U	3 J	6 U	6 U	79	85
Ethylbenzene	5,500	6 U	6 U	2 J	6 U	6 U	49	4 J
Toluene	1,500	6 U	6 U	6 U	6 U	6 U	4 J	6 U
Total Xylenes	1,200	18 U	17 U	18 U	16 U	16 U	86	4 J
Total BTEX (ug/Kg)	**NL**	**ND**	**ND**	**5**	**ND**	**ND**	**218**	**93**
PAH Compounds (ug/Kg)								
2-Methylnaphthalene	36,400	400 U	2,000 U	400 U	350 U	380 U	390 U	390 U
Acenaphthene	50,000	400 U	2,000 U	400 U	350 U	380 U	390 U	390 U
Acenaphthylene	41,000	400 U	2,000 U	400 U	350 U	380 U	390 U	390 U
Anthracene	50,000	400 U	2,000 U	400 U	350 U	380 U	390 U	390 U
Benzo(a)anthracene	224 or ND	400 U	2,000 U	400 U	180 J	380 U	390 U	390 U
Benzo(a)pyrene	61 or ND	400 U	2,000 U	400 U	150 J	380 U	390 U	390 U
Benzo(b)fluoranthene	1,100	400 U	2,000 U	400 U	350 U	380 U	390 U	390 U
Benzo(ghi)perylene	50,000	400 U	2,000 U	400 U	350 U	380 U	390 U	390 U
Benzo(k)fluoranthene	1,100	400 U	2,000 U	400 U	350 U	380 U	390 U	390 U
Chrysene	400	400 U	2,000 U	400 U	180 J	380 U	390 U	390 U
Dibenzo(a,h)anthracene	14 or ND	400 U	2,000 U	400 U	350 U	380 U	390 U	390 U
Fluoranthene	50,000	400 U	2,000 U	220 J	350	380 U	390 U	390 U
Fluorene	50,000	400 U	2,000 U	400 U	350 U	380 U	390 U	390 U
Indeno(1,2,3-cd)pyrene	3,200	400 U	2,000 U	400 U	350 U	380 U	390 U	390 U
Naphthalene	13,000	400 U	2,000 U	400 U	350 U	380 U	390 U	390 U
Phenanthrene	50,000	400 U	2,000 U	180 J	240 J	380 U	390 U	390 U
Pyrene	50,000	400 U	2,000 U	210 J	360	380 U	390 U	390 U
Total PAHs (ug/Kg)	**< 500,000**	**ND**	**ND**	**610**	**1,460**	**ND**	**ND**	**ND**
Metals (mg/Kg)								
Arsenic	7.5 or SB	2.40 U	3.60	2.40 U	2.40	2.40 U	2.40 U	2.40 U
Barium	300 or SB	50.6	77.1	50.9	38.6	64.1	31.2	38.2
Cadmium	1 or SB	0.24 U	0.50	0.43	0.32	0.24 U	0.24 U	0.24 U
Chromium - Total	10 or SB	8.3	11.0	7.4	8.9	9.1	6.1	5.9
Lead	SB	7.6	62.9	28.6	34.8	7.1	8.3	6.6
Mercury	0.100	0.023 U	0.022	0.024	0.067	0.022 U	0.023 U	0.022 U
Selenium	2 or SB	5.1 U	4.8 U	4.9 U	4.9 U	4.7 U	4.9 U	4.9 U
Silver	SB	0.63 U	0.60 U	0.61 U	0.61 U	0.59 U	0.61 U	0.61 U

Notes:
ND or U = Not detected above the reporting limit.
J = The value is an estimated quantity.
NL = Not Listed
D = Analysis based on diluted sample.
SB = Site Background
Shading = Above TAGM cleanup objective.
Recommended cleanup objectives from:
"NYSDEC TAGM HWR-94-4046 -
Determination of Soil Cleanup Levels [1994]".

Aug. 2004 RETEC

VOC SOIL DATA - ASP00 METHOD 8260

	Seventh Street Property												Fourth Street Property			TAGM Recommended Soil Cleanup Objectives
	BH1 (14-16)	BH2 (14-16)	BH2 (14-16)DL	BH3 (14-16)	BH4 (8-10)	BH4 (8-10)DL	BH5 (6-8)	BH5 (6-8)DL	BH6 (6-8)	BH7 (0-2)	BH7 (6-8)	Duplicate #1 (BH1 14-16)	BH9 (16-18)	BH10 (8-10)	BH11 (16-18)	
	1/4/2005	1/4/2005	1/4/2005	1/4/2005	1/4/2005	1/4/2005	1/4/2005	1/4/2005	1/5/2005	1/5/2005	1/5/2005	1/4/2005	1/11/2005	1/11/2005	1/11/2005	
Compound	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
2-Butanone	12U	12U	1,500U	1,600U	1,500U	7,300U	1,400U	7,300U	5J	14	11J	1,400U	13J	24	1,200U	300
Acetone	12U	12U	1,500U	1,600U	1,500U	7300U	1,400U	7,300U	18B	46B	40B	1,400U	55	77	1,200U	200
Benzene	260E	320E	250DJ	560J	1,500U	7,300U	730J	1,100DJ	12U	12U	12U	1,400U	15U	14U	1,200U	60 or MDL
Carbon Disulfide	12U	12U	1,500U	1,600U	1,500U	7,300U	1,400U	7,300U	12U	12U	12U	1,400U	15U	2J	1,200U	2,700
Cyclohexane	540E	220	490DJ	6,500	29,000	24,000D	36,000E	35,000D	6J	12U	12U	440J	15U	14U	1,200U	NL
Dichlorodifluoromethane	12U	12U	1,500U	1,600U	1,500U	7,300U	1,400U	7,300U	12U	2J	2J	1,400U	15U	14U	1,200U	NL
Ethylbenzene	410E	160	250DJ	2,700	1,500U	7,300U	1,400U	7,300U	4J	12U	12U	200J	15U	14U	1,600	5,500
Isopropylbenzene	45	24	1,500U	620J	8,000	8,200D	6,100	6,400DJ	12U	12U	12U	1,400U	15U	14U	490J	2,300
Methyl acetate	12U	12U	1,500U	1,600U	1,500U	7,300U	1,400U	7,300U	12U	2J	12U	1,400U	15U	14U	1,200U	NL
Methylcyclohexane	720E	330E	1,100DJ	17,000	120,000E	130,000D	120,000E	150,000D	4J	12U	12U	1,300J	15U	14U	1,200U	NL
Methylene chloride	12U	12U	1,500U	1,600U	1,500U	7,300U	1,400U	7,300U	12U	5J	5J	1,400U	15U	14U	1,200U	100
Toluene	470E	23	1,500U	1,600U	1,500U	7,300U	300J	7,300U	12U	12U	12U	1,400U	15U	14U	1,200U	1,500
Total Xylenes	1,500E	210	1,500U	2,000	1,500U	7,300U	1,400	7,300U	16	12U	12U	1,000J	15U	14U	5,400	1,200
TICs	9,000JN	3,860BJN	8,360JN	160,600JN	644,000JN	813,000JN	404,000JN	1,069,000JN	195BJN	26BJN	17BJN	13,940JN	16BJN	17BJN	126,200JN	10,000*

ug/kg = micrograms per kilogram

TAGM Recommended Soil Cleanup Objectives = Division Technical and Administrative Guidance Memorandum No. 4046

(TAGM 4046): Determination of Soil Cleanup Objectives and Cleanup Levels and addendum (August, 2001)

STARS Memo #1 Guidance Values = Spill Technology and Remediation Series Petroleum-contaminated Soil Guidance Policy (August 1992)

* = As per TAGM 4046 individual and sum of VOCs not listed, Tentatively Identified Compounds (TICs) must be less than or equal to 10,000ug/kg

NL = Not Listed

MDL = Method Detection Limit

D = Identifies all compounds identified in an analysis at the secondary dilution factor.

E = Identifies compounds whose concentrations exceed the calibration range of the instrument for that particular analysis

J = Indicates an estimated value

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.

U = Indicates compound was analyzed for, but not detected at or above the reporting limit

B = This analyte was also detected within the laboratory's method blank and may be the result of laboratory contamination.

= Analyte detected above Recommended Soil Cleanup Objectives

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SVOC SOIL DATA - ASP METHOD 2000 CLP

	Seventh Street Property										Fourth Street Property				
Compound	BH1 (14-16) 1/4/2005 ug/kg	BH2 (14-16) 1/4/2005 ug/kg	BH3 (14-16) 1/4/2005 ug/kg	BH4 (8-10) 1/4/2005 ug/kg	BH5 (0-2) 1/4/2005 ug/kg	BH5 (6-8) 1/4/2005 ug/kg	BH6 (6-8) 1/5/2005 ug/kg	BH7 (0-2) 1/5/2005 ug/kg	BH7 (6-8) 1/5/2005 ug/kg	Duplicate #1 (BH1 14-16) 1/4/2005 ug/kg	BH9 (16-18) 1/11/2005 ug/kg	BH10 (8-10) 1/11/2005 ug/kg	BH11 (16-18) 1/11/2005 ug/kg	BH11 (16-18)DL 1/11/2005 ug/kg	TAGM Recommended Soil Cleanup Objectives ug/kg
2-Methylnaphthalene	180J	40J	310J	1,000	2,000U	140J	380U	21J	420U	170J	160J	480U	2,900	4,100D	36,400
4-Methylphenol	12J	390U	380U	390U	2,000U	390U	380U	420U	420U	13J	430U	480U	400U	4,000U	900
Acenaphthene	370U	390U	19J	390U	51J	390U	380U	52J	420U	380U	330J	23J	410	510DJ	50,000***
Acenaphthylene	370U	390U	380U	390U	2,000U	390U	380U	16J	420U	380U	40J	480U	1,200	1,400DJ	50,000***
Anthracene	370U	390U	10J	390U	150J	390U	380U	140J	420U	380U	460	61J	1,200	1400DJ	50,000***
Benzo(a)anthracene	370U	390U	380U	28J	630J	390U	380U	580	420U	380U	570	100J	1,000	1,300DJ	224 or MDL
Benzo(a)pyrene	370U	390U	380U	27J	630J	390U	380U	440	420U	380U	330J	57J	850	760DJ	61 or MDL
Benzo(b)fluoranthene	370U	390U	10J	42J	720J	390U	380U	630	420U	380U	480	89J	850	1,100DJ	220 or MDL
Benzo(ghi)perylene	370U	390U	380U	41J	570J	390U	380U	72J	420U	380U	26J	480U	52J	4,000U	50,000***
Benzo(k)fluoranthene	370U	390U	10J	41J	170J	390U	380U	210J	420U	380U	140J	29J	310J	450DJ	220 or MDL
Bis(2-ethylhexyl) phthalate	29J	26J	21J	27J	51J	85J	18BJ	40BJ	45BJ	53J	49BJ	34BJ	46BJ	4,000U	50,000***
Butyl benzyl phthalate	370U	390U	380U	390U	2,000U	390U	380U	420U	420U	380U	19BJ	14BJ	14BJ	4,000U	50,000***
Carbazole	370U	390U	24J	390U	66J	390U	380U	79J	420U	380U	130J	31J	190J	220DJ	NL
Chrysene	370U	390U	380U	29J	620J	390U	380U	580	420U	380U	510	94J	930	1,100DJ	400
Di-n-butyl phthalate	22J	18J	23J	390U	2,000U	11J	380U	13J	420U	11J	430U	480U	400U	4,000U	8,100
Di-n-octyl phthalate	370U	390U	380U	390U	2,000U	390U	380U	420U	420U	12J	15J	480U	400U	4,000U	50,000***
Dibenzo(a,h)anthracene	370U	390U	380U	390U	160J	390U	380U	160J	420U	380U	75J	16J	140J	160DJ	14.3 or MDL
Dibenzofuran	370U	390U	14J	390U	2,000U	390U	380U	27J	420U	380U	190J	20J	1,000	1,300DJ	6,200
Fluoranthene	370U	390U	27J	43J	1,100J	390U	13J	940	420U	380U	890	210J	2,200	3,100DJ	50,000***
Fluorene	370U	390U	21J	390U	55J	390U	380U	52J	420U	380U	340J	39J	1,200	1,600DJ	50,000***
Indeno(1,2,3-cd)pyrene	370U	390U	380U	27J	530J	390U	380U	440	420U	380U	180J	37J	410	440DJ	3,200
Naphthalene	170J	36J	200J	860	53J	170J	380U	36J	420U	160J	130J	26J	6,300E	11,000D	13,000
Phenanthrene	370U	390U	57J	30J	680J	10J	380U	610	420U	380U	1,200	240J	3,300E	4,800D	50,000***
Pyrene	370U	390U	22J	41J	960J	390U	380U	1,000	420U	380U	700	140J	1,400	2,300DJ	50,000***
TICs	20,500ABJN	7,108ABJN	12,300ABJN	44,410ABJN	11,160ABJN	18,620ABJN	8,840ABJN	11,577ABJN	7,888ABJN	9,562ABJN	19,500JN	12,180JN	18,530JN	46,480JN	500,000***

ug/kg = micrograms per kilogram

TAGM Recommended Soil Cleanup Objectives = Division Technical and Administrative Guidance Memorandum No. 4046 (TAGM 4046): Determination of Soil Cleanup Objectives and Cleanup Levels and addendum (August, 2001)

*** = As per TAGM 4046 total SVOCs must be less than or equal to 500,000ug/kg and individual SVOCs must be less than or equal to 50,000ug/kg

NL = Not Listed

MDL = Method Detection Limit

A = Indicates that a TIC is a suspected aldol-condensation product.

B = Analyte is found in the associated blank, as well as in the sample.

D = Identifies all compounds identified in an analysis at the secondary dilution factor.

E = Compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.

J = Indicates an estimated value.

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.

U = Indicates compound was analyzed for, but not detected at or above the reporting limit.

= Analyte Detected above Recommended Soil Cleanup Objectives.

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METALS SOIL DATA - ASP METHOD 2000 CLP

Compound	Seventh Street Property										Eastern USA Background Concentrations	NYSDEC Guidance Value
	BH1 (14-16)	BH2 (14-16)	BH3 (14-16)	BH4 (8-10)	BH5 (0-2)	BH5 (6-8)	BH6 (6-8)	BH7 (0-2)	BH7 (6-8)	Duplicate #1 (BH1 14-16)		
	1/4/2005	1/4/2005	1/4/2005	1/4/2005	1/4/2005	1/4/2005	1/5/2005	1/5/2005	1/5/2005	1/4/2005		
	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	3.9	2.1	1.3	4.7	6.9	4.7	2.1	4.8	1.8	3.6	3-12**	7.5 or SB
Barium - Total	18.3B*	18.9B*	45.8*	51.8*	101*	52.5*	30.5	57.3	37.2	16.2B*	15-600	300 or SB
Cadmium - Total	0.07B*	0.09B*	0.18B*	0.11B*	0.48B*	0.12B*	0.06B	0.3B	0.18B	0.07B*	0.1-1	1 or SB
Chromium - Total	3.8*	3.1*	5*	18.4*	14*	11.2*	6.7	6.2	4.9	3.3*	1.5-40**	10 or SB
Lead - Total	5.9	8.7	7	27.4	105	19.6	8.5	125	8.4	5.6	***	SB***
Mercury - Total	0.015U	0.017U	0.019U	0.056	0.214	0.018U	0.018U	0.117	0.021B	0.016U	0.001-0.2	0.1
Selenium - Total	0.49B*	0.37U*	0.45B*	0.87B*	1.4B*	0.44B*	0.57B	0.95B	0.76B	0.34B*	0.1-3.9	2 or SB
Silver - Total	0.08U*	0.07U*	0.06U*	0.11B*	0.11B*	0.08U*	0.08U	0.09U	0.08U	0.06U*	NA	SB

mg/kg = milligrams per kilogram

NYSDEC Guidance Values = Division Technical and Administrative Guidance Memorandum No. 4046 (TAGM) 4046): Determination of Soil Cleanup Objectives and Cleanup Levels (August, 2001)

SB = Site Background Levels

NA = Not Available

* = Indicates analysis is not within the quality control limits.

** = New York State Background

*** = Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4-61ppm. Average background levels in metropolitan or suburban areas, or near highways, typically range from 200-500ppm.

B = Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.

U = Indicates element was analyzed for, but not detected at or above the reporting limit.

= Analyte detected above Eastern USA and Recommended Soil Cleanup Objectives

PESTICIDES SOIL DATA - ASP METHOD 2000 CLP

Compound	Seventh Street Property										TAGM Recommended Soil Cleanup Objectives
	BH1 (14-16)	BH2 (14-16)	BH3 (14-16)	BH4 (8-10)	BH5 (0-2)	BH5 (6-8)	BH6 (6-8)	BH7 (0-2)	BH7 (6-8)	Duplicate #1 (BH1 14-16)	
	1/4/2005	1/4/2005	1/4/2005	1/4/2005	1/4/2005	1/4/2005	1/5/2005	1/5/2005	1/5/2005	1/4/2005	
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
4,4'-DDE	3.7 U	3.9 U	3.9 U	3.9 U	6 JP	4 U	3.8 U	5.3 JP	0.61 J	3.8 U	2,100
4,4'-DDT	3.7 U	3.9 U	3.9 U	3.9 U	18 J	4 U	3.8 U	2.2 JP	1.6 JP	3.8 U	2,100
Endosulfan Sulfate	3.7 U	3.9 U	3.9 U	3.9 U	20 U	4 U	3.8 U	17 U	0.6 JP	3.8 U	1,000
Endrin	3.7 U	0.68 JP	0.96 JP	0.96 JP	20 U	4 U	3.8 U	17 U	2.2 JP	3.8 U	100
Endrin aldehyde	3.7 U	3.9 U	3.9 U	3.9 U	20 U	4 U	3.8 U	17 U	1 JP	3.8 U	NL

ug/kg = micrograms per kilogram

TAGM Recommended Soil Cleanup Objectives = Division Technical and Administrative Guidance Memorandum No. 4046 (TAGM 4046): Determination of Soil Cleanup Objectives and Cleanup Levels and addendum (August, 2001)

NA = Not Available

NL = Not Listed

P = This flag used for a pesticide/Aroclor target analyte when there is greater thank 25% difference for detected concetrations between th two columns. The lower of the two values is reported

J = Indicates an estimated value

U = Indicates element was analyzed for, but not detected at or above the reporting limit

*** = Total Pesticides < 10ppm

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VOC GROUNDWATER DATA - ASP METHOD 2000 CLP

	Seventh Street Property							NYSDEC Groundwater Value (Class GA)
	TPMW1	TPMW2	TPMW3	Duplicate#2 (TPMW1)	Equip. Blank #1 (Stainless Bowl)	Equip. Blank #2 (Bailer)	Trip Blank	
	1/7/2005	1/7/2005	1/7/2005	1/7/2005	1/5/2005	1/10/2005	1/7/2005	
Compound	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
2-Butanone	4J	20U	20U	4J	10U	10U	10U	NL
Acetone	38	35	20U	36	10U	10U	10U	50
Benzene	14	22	20U	13	10U	10U	10U	1
Cyclohexane	100	110	61	96	10U	10U	10U	NL
Ethylbenzene	32	6J	5J	30	10U	10U	10U	5
Isopropylbenzene	41	21	9J	6J	10U	10U	10U	5
Methylcyclohexane	130	210	320	110	10U	10U	10U	NL
Toluene	48	20U	20U	46	10U	10U	10U	5
Total Xylenes	140	20U	20U	130	10U	10U	10U	5
TICs	1,717JN	887JN	1,139JN	1,528JN	102BJN	67JN	10U	NL

ug/l = micrograms per liter

NYSDEC Groundwater Value (Class GA) = 6 NYCRR Part 703 (June 1998 and April 2000 Addendum)

NL = Not Listed

B = Analyte is found in the associated blank, as well as in the sample.

J = Indicates an estimated value

N = Indicates presumptive evidence of a compound. Used only for tentatively identified compounds, where the indentification is based on the Mass Spectral library search.

U = Indicates compound was analyzed for, but not detected at or above the reporting limit

= Analyte Detected above NYSDEC Groundwater Value (Class GA)

SVOC GROUNDWATER DATA - ASP METHOD 2000 CLP

	Seventh Street Property						NYSDEC Groundwater Value (Class GA)
	TPMW1	TPMW2	TPMW3	Duplicate #2 (TPMW1)	Equip. Blank #1 (Stainless Bowl)	Equip. Blank #2 (Bailer)	
	1/7/2005	1/7/2005	1/7/2005	1/7/2005	1/5/2005	1/10/2005	
Compound	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
2-Methylnaphthalene	19	3J	24	21	9U	9U	NL
2-Methylphenol	3J	12U	13U	2J	9U	9U	NL
4-Methylphenol	3J	0.6J	13U	4J	9U	9U	NL
Biphenyl	0.5J	12U	13U	0.5J	9U	9U	NL
Bis(2-ethylhexyl) phthalate	19B	2BJ	22	2BJ	3BJ	0.9BJ	5
Di-n-butyl phthalate	9U	12U	13U	0.9J	9U	9U	50
Naphthalene	47	6J	13U	56	9U	9U	10
Phenol	2J	12U	13U	10U	9U	9U	1*
TICs	973JN	692JN	803JN	1,223JN	U	9JN	NL

ug/l = micrograms per liter

NYSDEC Groundwater Value (Class GA) = 6 NYCRR Part 703 (June 1998 and April 2000 Addendum)

* = Applies to the sum of all phenolic compounds (total phenols)

NL = Not Listed

B = Analyte is found in the associated blank, as well as in the sample.

J = Indicates an estimated value.

N = Indicates presumptive evidence of a compound.Used only for tentatively identified compounds, where the indentification is based on the Mass Spectral library search

U = Indicates compound was analyzed for, but not detected at or above the reporting limit.

= Analyte Detected above NYSDEC Groundwater Value (Class GA)

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METALS GROUNDWATER DATA - ASP METHOD 2000 CLP

Compound	Seventh Street Property							NYSDEC Groundwater Value (Class GA)
	TPMW1 (Total)	TPMW2 (Total)	TPMW3 (Total)	TPMW3 (Soluble)	Duplicate #2 (TPMW1) (Total)	Equip. Blank #1 (Stainless Bowl) (Total)	Equip. Blank #2 (Bailer) (Total)	
	1/10/2005	1/10/2005	1/10/2005	1/10/2005	1/10/2005	1/5/2005	1/10/2005	
	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Arsenic	3.7B	3U	10.3	ND	5.1B	3U	3U	25
Barium	80.6BE	58.6BE	504E	111B	225E	5.8B	22.7BE	1,000
Cadmium	0.23U	0.23U	1.7B	<0.23	0.28B	0.23U	0.23U	5
Chromium	5.2B	2.4B	15.5	<0.51	9.3B	0.51U	0.51U	50
Lead	18	3.8	45.2	<1.4	63.8	1.4U	1.4U	25
Mercury	0.06U	0.06U	0.175B	<0.065	0.06U	0.06U	0.06U	0.7
Selenium	9.5B	8.9B	4.2B	3.6B	7.6B	3.6U	3.6U	10
Silver	0.66U	0.66U	0.68B	<0.66	0.66U	0.66U	0.66U	50

ug/l = micrograms per liter

NYSDEC Groundwater Value (Class GA) = 6 NYCRR Part 703 (June 1998 and April 2000 Addendum)

E = Indicates a value estimated or not reported due to the presence of interferences.

B = Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.

U = Indicates element was analyzed for, but not detected at or above the reporting limit.

= Analyte detected above NYSDEC Groundwater Criteria.

PESTICIDES GROUNDWATER DATA - ASP METHOD 2000 CLP

Compound	Seventh Street Property						NYSDEC Groundwater Value (Class GA)
	TPMW1	TPMW2	TPMW3	Duplicate 2 (BH1 14-16)	Equip. Blank 1 (Stainless Bowl)	Equip. Blank 2 (Bailer)	
	1/7/2005	1/7/2005	1/7/2005	1/7/2005	1/5/2005	1/10/2005	
	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
4,4'-DDD	0.094 U	0.097 U	0.026 JP	0.094 U	0.094 U	0.094 U	0.3
4,4'-DDT	0.094 U	0.097 U	0.021 JP	0.094 U	0.094 U	0.094 U	0.2
Dieldrin	0.094 U	0.097 U	0.0079 JP	0.094 U	0.094 U	0.094 U	0.004
Endosulfan I	0.047 U	0.049 U	0.015 J	0.047 U	0.047 U	0.047 U	NL
Endosulfan II	0.094 U	0.097 U	0.011 JP	0.094 U	0.094 U	0.094 U	NL
Endrin	0.094 U	0.097 U	0.068 J	0.094 U	0.094 U	0.094 U	ND
Endrin aldehyde	0.094 U	0.097 U	0.013 JP	0.094 U	0.094 U	0.094 U	5
gamma-Chlordane	0.047 U	0.049 U	0.019 JP	0.047 U	0.047 U	0.047 U	NL

ug/l = micrograms per liter

NYSDEC Groundwater Value (Class GA) = 6 NYCRR Part 703 (June 1998 and April 2000 Addendum)

ND = A non-detectable concentration by the approved analytical methods referenced in section 700.3

NL = Not listed

J = Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit

U = Indicates element was analyzed for, but not detected at or above the reporting limit

P = This flag used for a pesticide/Aroclor target analyte when there is greater thank 25% difference for detected concetrations between th two columns. The lower of the two values is reported.

FEB. 2005
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VOC GROUNDWATER DATA - 8260 STARS VOCS

Compound	Seventh Street Property					NYSDEC Groundwater Value (Class GA)
	TPMW4	TPMW5	TPMW6	TPMW7	TPMW8	
	3/23/2005	3/23/2005	3/23/2005	3/23/2005	3/23/2005	
	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
1,2,4-Trimethylbenzene	860	5 U	56	5 U	50 U	5
1,3,5-Trimethylbenzene	420	2 J	30	5 U	50 U	5
Benzene	2,100	1.3 J	5 U	5 U	1,000	1
Ethylbenzene	1,000	3.3 J	2.7 J	5 U	430	5
Isopropylbenzene	140	5.6	8.1	5 U	41 J	5
n-Propylbenzene	150	9.1	8.4	5 U	37 J	5
Napthalene	160	5 U	11	5 U	62	10
sec-Butylbenzene	100 U	2.2 J	2.2 J	5 U	50 U	5
Tolune	670	8	1.1 J	5 U	100	5
Total Xylenes	1,900	15 U	26	15 U	220	5

ug/l = micrograms per liter

NYSDEC Groundwater Value (Class GA) = 6 NYCRR Part 703 (June 1998 and April 2000 Addendum)

B = Analyte is found in the associated blank, as well as in the sample.

J = Indicates an estimated value

U = Indicates compound was analyzed for, but not detected at or above the reporting limit

= Analyte Detected above NYSDEC Groundwater Criteria (Class GA)

APR. 2005
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VOC SOIL DATA - 8260 STARS + 10 Tentatively Identified Compounds

Compound	Seventh Street Property										TAGM Recommended Soil Cleanup Objectives
	BH12 (8-10) 3/17/2005	BH13 (8-10) 3/17/2005	BH14 (10-12) 3/17/2005	BH15 (10-12) 3/17/2005	BH16 (4-6) 3/17/2005	BH18 (10-12) 3/17/2005	BH19 (4-6) 3/17/2005	BH20 (8-10) 3/17/2005	BH21 (8-10) 3/17/2005	BH22 (16-18) 3/18/2005	
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
1,2,4-Trimethylbenzene	760 U	33	210,000	6 U	270	7 U	5 U	76,000	3 J	6 U	10,000*
1,3,5-Trimethylbenzene	270 J	23	71,000	6 U	120	7 U	5 U	21,000	1 J	6 U	3,300
Benzene	760 U	16	17,000	6 U	30 U	7 U	5 U	8,000 U	31	6 U	60 or MDL
Ethylbenzene	320 J	9	65,000	6 U	30 U	7 U	5 U	12,000	8	6 U	5,500
Isopropylbenzene	510 J	35	17,000	6 U	20 J	7 U	5 U	5,200 J	2 J	6 U	2,300
m,p-Xylene	1,500 U	18	260,000	11 U	30 J	13 U	11 U	4,100 J	8 J	12 U	1,200**
Methyl tert butyl ether	760 U	6 U	6,500 U	6 U	30 U	7 U	5 U	8,000 U	6 U	6 U	120
n-Butylbenzene	930	6 U	20,000	6 U	30 U	7 U	5 U	7,400 J	6 U	2 J	10,000*
n-Propylbenzene	1,000	44	28,000	6 U	31	7 U	5 U	8,800	6 U	6 U	3,700*
Naphthalene	760 U	32	30,000	2 J	87	7 U	5 U	9,700	8	2 J	13,000
o-Xylene	760 U	6	97,000	6 U	30 U	7 U	5 U	8,000 U	6	6 U	1,200**
p-Isopropyltoluene	340 J	7	8,500	6 U	16 J	7 U	5 U	4,100 J	6 U	6 U	10,000*
sec-Butylbenzene	360 J	9	6,800	6 U	14 J	7 U	5 U	2,700 J	6 U	1 J	10,000*
t-Butyl benzene	760 U	1 J	6,500 U	6 U	30 U	7 U	5 U	8,000 U	6 U	6 U	10,000*
Toluene	760 U	5 J	78,000	6 U	30 U	7 U	5 U	8,000 U	4 J	6 U	1,500
Total Xylenes	2,300 U	25	350,000	17 U	30 J	20 U	16 U	24,000 U	14 J	6 U	1,200
TICs	119,700 JN	1,166 JN	2,760,000 JN	21 BJN	2,130 JN	20 BJN	21 BJN	767,000 JN	153 JN	631 JN	10,000*

ug/kg = micrograms per kilogram

TAGM Recommended Soil Cleanup Objectives = Division Technical and Administrative Guidance Memorandum No. 4046 (TAGM 4046): Determination of Soil Cleanup Objectives and Cleanup Levels and addendum (August, 2001)

MDL = Method Detection Limit

J = Indicates an estimated value

U = Indicates compound was analyzed for, but not detected at or above the reporting limit

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.

* = As per TAGM 4046 individual and sum of VOCs not listed, Tentatively Identified Compounds (TICs) must be < or = 10,000ug/kg

** = Total xylenes must not exceed 1,200 ug/kg

= Analyte Detected above Recommended Soil Cleanup Objectives.

APR. 2005
LCS

APPENDIX B

EM-61 MAGNETOMETER SURVEY

LCS INC.
Environmental and Real Estate Consultants

CORPORATE OFFICES
232 DELAWARE AVENUE, SUITE 33
BUFFALO, NEW YORK 14205

PO BOX 406
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PENNSYLVANIA

BALTIMORE
MARYLAND

SALISBURY
MARYLAND

CLEVELAND
OHIO

GEOPHYSICAL SURVEY
VIA EM-61 MAGNETOMETER

For

NEW SEVENTH STREET SITE
SEVENTH STREET, JACKSON STREET (FORMER)
AND CONCRETE DRIVE
BUFFALO, NEW YORK

PREPARED FOR:

Mr. Gordon Adkinson
257 West Genesee, LLC
600 East 96TH Street
Indianapolis, IN 46240

PREPARED BY:

LENDER CONSULTING SERVICES, INC.
P.O. BOX 406
BUFFALO, NEW YORK 14205

PROJECT NO. **05B341.26**
DATE: May 26, 2006

LCS INC.
Environmental and Real Estate Consultants

CORPORATE OFFICES
232 DELAWARE AVENUE, SUITE 33
BUFFALO, NEW YORK 14205

PO BOX 406
BUFFALO, NEW YORK 14202

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MARYLAND

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OHIO

May 26, 2006

Mr. Gordon Adkinson
257 West Genesee, LLC
600 East 96TH Street
Indianapolis, IN 46240

RE: ***SUMMARY REPORT: Geophysical Survey – EM61 Magnetometer Survey, New Seventh Street Site, Buffalo, New York***

Dear Mr. Adkinson:

Lender Consulting Services, Inc. (LCS) is pleased to submit this summary report for the performance of a Geonics EM-61 magnetometer survey undertaken at the above-referenced property on March 3 and 14, 2006 (refer to Figure # for Survey Area). The methodology and results of the investigation are presented in the sections below.

1.0 Magnetometer Survey

The purpose of the geophysical (i.e., magnetometer) survey was to determine the presence/absence of potential underground storage tanks (USTs) which may be present at the subject property. The EM-61 is a highly sensitive, two-antenna magnetometer, which is capable of detecting both ferrous (i.e., iron, steel) and non-ferrous (i.e., copper, aluminum) objects which may be associated with underground USTs, drums, etc. A powerful transmitter generates a pulsed primary magnetic field in the earth, which induces eddy currents in nearby metallic objects. The eddy current decay produces a secondary magnetic field measured by the receiver coil.

By taking the measurement at a relatively long time after the start of the decay, the current induced in the ground has fully dissipated and only the current in the metal is still producing a secondary field. The responses are recorded and displayed by an integrated data logger. The recorded time-domain data does not distinguish between the ferrous and non-ferrous anomalies which were encountered, nor are any quantitative interpretations made as to the source or type of anomalies as part of this preliminary survey.

The survey was undertaken at the subject property by means of obtaining readings along a grid system with typical five (5) foot spacing. The magnetometer survey progressed generally south along the grid lines and west ward from an on-site designated survey origin point (X=0, Y=0), which is located on the west side along the sidewalk of Seventh Street, and south of the adjacent concrete drive area.

LCS INC.
Environmental and Real Estate Consultants

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BUFFALO, NEW YORK 14205

PO BOX 406
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The EM-61 was programmed to obtain total (i.e., bottom) and top (differential) magnetic readings every 0.63 feet along each of the respective grid lines. As stated, the magnetic readings were stored in a data logger during the field activities. Subsequently, the data was downloaded via a laptop computer, and the data was processed by means of a computer gridding program.

Portions of the subject property could not be surveyed due to surface obstructions or site conditions which prohibited the advancement of the survey equipment. These areas included mounds of soil and construction debris, parked cars, trucks, or other equipment, construction trailers and office buildings, fenced areas, water-flooded areas or areas with significant snow cover, newly constructed on-site features such as the proposed building, and utility connections and hot boxes, and areas out side the approximate subject property. These areas are shown as a dotted, green-bordered blank area on the attached figures.

2.0 Results of the Survey

The results of the EM-61 survey for the subject property consist of three attached figures showing: 1) a modified plan view produced by means of gridding the differential magnetic data points with a modeling program known as QuikGrid Version 4.5 (2002) which shows the approximate location of the on-site features, the field grid lines and individual data points along each grid line (red lines), and the associated contoured data; 2) an isomagnetic contour map showing the locations of the anomalies; and 3) a shaded relief map showing the color–girded data.

Based on the results of the EM-61 survey, the presence of 22 anomalies, some or all possibly associated with former underground storage tank (USTs) and associated former building foundations, utilities, reinforced concrete structures, or isolated metallic debris, and one anomaly associated with suspect utility lines, were identified. The locations of the anomalies are referenced to the survey origin point, and are listed in the attached Table No. 1.

3.0 Conclusions

Lender Consulting Services, Inc. (LCS) undertook a magnetometer survey to investigate the presence/absence of the suspected USTs at the subject property. Based on the results of the magnetometer survey, a total of 23 anomalies were identified on the subject property.

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It should be noted that the detected anomalies were generally of "low priority", except for Anomaly "A", "B", "H", and "M". Anomaly "A" and "B" are likely utility-related. Anomaly "M" is inconsistent for the presence of an UST based on the depth and size of the recorded anomaly. The sources of the remaining anomalies can only be confirmed by additional field services consisting of at least test pits, soil borings, or other intrusive methods which will identify the nature of the anomaly. The remaining anomalies are most likely associated with miscellaneous metallic debris and reinforced building foundation. Anomaly "J" is believed to be utility-related as noted by the linear nature of the mapped magnetic data.

Thank you for the opportunity to assist you with this project. Please call the undersigned at your earliest convenience, if you have any questions.

Very truly yours,
LENDER CONSULTING SERVICES, INC.

Andrew J. Kucseric, CPG, PG
Senior Geologist

Attachments Tables - Magnetic Anomalies
Figures - Survey Maps

TABLE NO. 1

LOCATION OF SUSPECTED MAGNETIC ANOMALIES BASED ON EM-61 SURVEY AND QUIKGRID™ RESULTS

ANOMALY	*WESTING (Feet)* (Note 1)	*SOUTHING (Feet)* (Note 2)	*MAGNETIC INTENSITY (Millivolts)*
A	5	10	575
B	25	10	1131
C	70	44	211
D	75	39	385
E	105	12	137
F	105	34	157
G	95	50	239
H	215	184	523
I	55	59	271
J	189-220	18-50	Varies (utility lines)
K	190	73	344
L	61	81	254
M	44	151	704
N	20	152	307
O	9	166	191
P	150	129	389
Q	134	130	380
R	165	157	147
S	24	164	94
T	60	200	243
U	170	245	333
V	20	283	359
W	70	290	366

NOTE 1: These dimensions are referenced to the Survey Origin Point where a positive dimension indicates a distance to the west of the Survey Origin Point, and a negative dimension indicates a distance to the east of the Survey Origin Point.

NOTE 2: These dimensions are referenced to the Survey Origin Point where a positive dimension indicates a distance to the south of the Survey Origin Point.

LENDER CONSULTING SERVICES, INC.
BCP No. C915203
Location: 4 New Seventh Street, Buffalo, NY
Project No. 05B341.26
Date: May 22, 2006

GEOPHYSICAL (MAGNETOMETER) SURVEY
Geonics Model EM-61
Differential Channel - Contoured Data Points and Grid
Contour Interval = 50 milliVolts
Figure No. 1

LENDER CONSULTING SERVICES, INC.
BCP No. C915203
Location: 4 New Seventh Street, Buffalo, NY
Project No. 05B341.26
Date: May 22, 2006

GEOPHYSICAL (MAGNETOMETER) SURVEY
Geonics Model EM-61
Differential Channel - Suspect Anomalies
Contour Interval = 50 milliVolts
Figure No. 2

LENDER CONSULTING SERVICES, INC.
BCP No. C915203
Location: 4 New Seventh Street, Buffalo, NY
Project No. 05B341.26
Date: May 22, 2006

GEOPHYSICAL (MAGNETOMETER) SURVEY
Geonics Model EM-61
Differential Channel - Shaded Relief Map
Contour Interval = 50 milliVolts
Figure No. 3

APPENDIX C

FIELD BOREHOLE LOGS AND WELL CONSTRUCTION DETAILS

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 4 New 7th Street, Buffalo, New York | PROJECT No. 04B341.26

CLIENT: 257 W. Genesee, LLC | BORING/WELL No. BCP BH01

DATE STARTED: 5/9/06 | DATE COMPLETED: 5/9/06 | RECORDED BY: JMR

GROUNDWATER DEPTH WHILE DRILLING: ~11.5 ft. bgs | AFTER COMPLETION: NA

WEATHER: ~65°F, Sunny | 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	1.6	0-2	U	-	-	20	0-3ft: Light Brown gravelly sand (coarse, medium, fine, dense, moist)
2	2.1	2-4	U	-	-	20	3-3.5ft: Brown sandy gravel (coarse, angular, dense, moist)
3	2.7	4-6	U	-	-	20	3.5-4ft: Light brown sand (fine, dense, moist)
4	3.4	6-8	U	-	-	20	4-8ft: Light brown gravelly sand (coarse, medium, fine, dense, moist)
5	4.1	8-10	U	-	-	22	8-9.5ft: Brown/black sand (medium, fine, dense, moist)
6	1,178	10-12	U	-	-	22	9.5-11ft: Brown/black silty sand (medium, fine, dense, moist)
7	25.1	12-14	U	-	-	20	11-12ft: Black sandy silt (low plasticity, moist to wet)
8	637	14-16	U	-	-	20	12-14ft: Grey silty sand (fine, dense, wet)
9	25.1	16-19	U	-	-	10	14-19ft: Reddish/grey silty sand (fine, dense, wet)
							Refusal @ ~19 ft. bgs

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~4 ft. bgs

Slight to moderate petroleum-type odors detected @ ~9-15 ft. bgs

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

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 4 New 7th Street, Buffalo, New York | PROJECT No. 04B341.26

CLIENT: 257 W. Genesee, LLC | BORING/WELL No. BCP BH02

DATE STARTED: 5/9/06 | DATE COMPLETED: 5/9/06 | RECORDED BY: JMR

GROUNDWATER DEPTH WHILE DRILLING: ~7.5 ft. bgs | AFTER COMPLETION: NA

WEATHER: ~65°F, Sunny | 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	0.1	0-4	U	-	-	10	0-0.3ft: Grey gravel (coarse, angular, loose, dense)
2	1.6	4-6	U	-	-	20	0.3-1ft: Black sandy gravel (coarse, angular, dense, moist)
3	1.0	6-8	U	-	-	20	1-4ft: Brown silty sand (fine, medium dense, moist)
4	2.3	8-10	U	-	-	22	4-5ft: Reddish brown silty sand (fine, dense, moist)
5	1.2	10-12	U	-	-	22	5-10ft: Light brown silty sand (fine, dense, moist to wet)
6	1.5	12-14	U	-	-	22	10-13ft: Light brown clayey silty sand (fine, dense, wet)
7	1.0	14-16	U	-	-	22	13-17ft: Light brown silty sand (fine, medium dense, wet)
8	2.3	16-19	U	-	-	10	17-19ft: Grey silty sand (fine, dense,wet)
							Refusal @ ~19 ft. bgs

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~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: 4 New 7th Street, Buffalo, New York | PROJECT No. 04B341.26

CLIENT: 257 W. Genesee, LLC | BORING/WELL No. BCP BH03

DATE STARTED: 5/9/06 | DATE COMPLETED: 5/9/06 | RECORDED BY: JMR

GROUNDWATER DEPTH WHILE DRILLING: ~8.5 ft. bgs | AFTER COMPLETION: NA

WEATHER: ~65°F, Sunny | 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	-	-	10	0-2 ft: Light brown sand (coarse, medium, fine, dense, moist)
2	1.6	2-4	U	-	-	10	2-3ft: Light brown gravelly sand (coarse, medium, fine, dense, moist)
3	2.0	4-6	U	-	-	20	3-4ft: Brown/black gravelly sand (coarse, medium, fine, dense, moist)
4	2.4	6-8	U	-	-	20	4-9ft: Light brown silty sand (coarse, medium dense, moist to wet)
5	2.9	8-10	U	-	-	22	9-13ft: Grey silty sand (coarse, medium dense, moist)
6	1.3	10-12	U	-	-	22	13-15ft: Dark brown silty sand (medium ,fine, dense, moist to wet)
7	1.2	12-14	U	-	-	22	15-20ft: Grey silty sand (fine, medium dense, wet)
8	1.3	14-16	U	-	-	22	Refusal @ ~20 ft. bgs
9	8.5	16-18	U	-	-	22	
10	2.1	18-20	U	-	-	22	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~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: 4 New 7th Street, Buffalo, New York | PROJECT No. 04B341.26

CLIENT: 257 W. Genesee, LLC | BORING/WELL No. BCP BH04

DATE STARTED: 5/9/06 | DATE COMPLETED: 5/9/06 | RECORDED BY: JMR

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

WEATHER: ~65°F, Sunny | 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	1.3	0-4	U	-	-	10	0-2ft: Light brown silty sand (fine, dense, moist)
2	1.0	4-6	U	-	-	20	2-4ft: Black gravelly sand (coarse, medium, fine, medium dense, moist)
3	1.1	6-8	U	-	-	20	4-7.5ft: Brown silty sand (fine, dense, moist)
4	1.6	8-12	U	-	-	15	7.5-8ft: Grey/brown sand (coarse, dense, moist)
5	1.3	12-14	U	-	-	22	8-12ft: Grey/brown silty sand (medium, fine, medium dense, moist to wet)
6	8.3	14-16	U	-	-	22	12-20ft: Grey silty sand (fine, medium dense, wet)
7	62.3	16-20	U	-	-	15	Refusal @ ~20 ft. bgs

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~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: 4 New 7th Street, Buffalo, New York | PROJECT No. 04B341.26

CLIENT: 257 W. Genesee, LLC | BORING/WELL No. BCP BH05

DATE STARTED: 5/10/06 | DATE COMPLETED: 5/10/06 | RECORDED BY: JMR

GROUNDWATER DEPTH WHILE DRILLING: ~15 ft. bgs | AFTER COMPLETION: NA

WEATHER: ~70°F, Sunny | 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	-	-	15	0-1.5ft: Light brown sand (fine, medium dense, moist)
2	0.7	2-4	U	-	-	15	1.5-2.5ft: Dark brown gravelly sand (fine, dense, moist)
3	0.5	4-6	U	-	-	20	2.5-3ft: Gray sandy gravel (coarse, angular, dense, moist)
4	0.4	6-8	U	-	-	20	3-4ft: Blackish brown gravelly sand (medium, fine, dense, moist)
5	7.4	8-9	U	-	-	20	4-6.5ft: Light brown silty sand (fine, dense, moist)
6	1,737	9-10	U	-	-	20	6.5-8ft: Blackish brown gravelly sand (coarse, medium, fine, dense, moist)
7	1,764	10-12	U	-	-	20	8-11.5ft: Blackish gray silty sand (fine, medium dense, moist)
8	235	12-14	U	-	-	20	11.5-20ft: Gray silty sand (fine, medium dense, moist to wet)
9	48.3	14-16	U	-	-	20	20-24ft: Gray sand (medium, fine, medium dense, wet)
10	48	16-20	U	-	-	15	
11	35	20-24	U	-	-	8	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~4 ft. bgs

Moderate to strong petroleum-type odors detected @ ~9-13 ft. bgs

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

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 4 New 7th Street, Buffalo, New York | PROJECT No. 04B341.26

CLIENT: 257 W. Genesee, LLC | BORING/WELL No. BCP BH06

DATE STARTED: 5/10/06 | DATE COMPLETED: 5/10/06 | RECORDED BY: JMR

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

WEATHER: ~70°F, Sunny | 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	14.8	0-2	U	-	-	10	0-2.5ft: Brown gravelly sand (medium, fine, dense, moist)
2	6.7	2-4	U	-	-	10	2.5-4.5ft: Blackish brown gravelly sand (medium, fine, medium dense, moist)
3	6.5	4-8	U	-	-	10	4.5-7.5ft: Light brown silty sand (medium, fine, medium dense, moist)
4	151	8-10	U	-	-	20	7.5-9ft: Blackish brown silty sand (fine, medium dense, moist)
5	559	10-12	U	-	-	20	9-19.5ft: Gray silty sand (fine, medium dense, moist to wet)
6	111	12-14	U	-	-	20	Refusal @ 19.5 ft. bgs
7	37.9	14-16	U	-	-	20	
8	7.9	16-19.5	U	-	-	20	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~4.5 ft. bgs

Petroleum-type odors detected @ ~8-14 ft. bgs

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

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 4 New 7th Street, Buffalo, New York | PROJECT No. 04B341.26

CLIENT: 257 W. Genesee, LLC | BORING/WELL No. BCP BH07

DATE STARTED: 5/10/06 | DATE COMPLETED: 5/10/06 | RECORDED BY: JMR

GROUNDWATER DEPTH WHILE DRILLING: ~7.5 ft. bgs | AFTER COMPLETION: NA

WEATHER: ~70°F, Sunny | 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	1.9	0-4	U	-	-	10	0-2.5ft: Brown gravelly sand (medium, fine, dense, moist)
2	1.1	4-6	U	-	-	20	2.5-4.5ft: Blackish brown gravelly sand (medium, fine, medium dense, moist)
3	1.4	6-7	U	-	-	10	4.5-7.5ft: Light brown silty sand (medium, fine, medium dense, moist)
4	1,460	7-8	U	-	-	10	7.5-9ft: Blackish brown silty sand (fine, medium dense, moist to wet)
5	1,530	8-10	U	-	-	22	9-11ft: Gray silty sand (fine, medium dense, wet)
6	530	10-12	U	-	-	20	11-12ft: Gray sandy silt (low plasticity, wet)
7	114	12-14	U	-	-	20	12-20ft: Gray silty sand (fine, medium dense, wet)
8	4.6	14-16	U	-	-	20	Refusal @ 20 ft. bgs
9	4.4	16-20	U	-	-	20	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~4.5 ft. bgs

Moderate to strong petroleum-type odors detected @ ~7-14 ft. bgs

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

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 4 New 7th Street, Buffalo, New York | PROJECT No. 04B341.26

CLIENT: 257 W. Genesee, LLC | BORING/WELL No. BCP BH08

DATE STARTED: 5/10/06 | DATE COMPLETED: 5/10/06 | RECORDED BY: JMR

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

WEATHER: ~70°F, Sunny | 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	0.0	0-2	U	-	-	15	0-2.5ft: Brown gravelly sand (medium, fine, dense, moist)
2	16.4	2-4	U	-	-	15	2.5-4.5ft: Blackish brown gravelly sand (medium, fine, medium dense, moist)
3	246	4-6	U	-	-	20	4.5-7.5ft: Light brown silty sand (medium, fine, medium dense, moist)
4	87.9	6-7	U	-	-	10	7.5-9ft: Blackish brown silty sand (fine, medium dense, moist)
5	128	7-8	U	-	-	10	9-20ft: Gray silty sand (fine, medium dense, moist to wet)
6	594	8-12	U	-	-	22	20-22.5ft: Reddish brown sandy silt (low plasticity, wet)
7	393	12-16	U	-	-	22	Refusal @ 22.5 ft. bgs
8	88.4	16-20	U	-	-	15	
9	223	20-22.5	U	-	-	22	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~4.5 ft. bgs

Moderate to strong petroleum-type odors detected @ ~4-16 ft. bgs

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

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 4 New 7th Street, Buffalo, New York | PROJECT No. 04B341.26

CLIENT: 257 W. Genesee, LLC | BORING/WELL No. BCP BH09

DATE STARTED: 5/10/06 | DATE COMPLETED: 5/10/06 | RECORDED BY: JMR

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

WEATHER: ~70°F, Sunny | 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	3.3	0-2	U	-	-	20	0-2.5ft: Brown gravelly sand (medium, fine, dense, moist)
2	1.4	2-4	U	-	-	20	2.5-4.5ft: Blackish brown gravelly sand (medium, fine, medium dense, moist)
3	21.7	4-6	U	-	-	20	4.5-7.5ft: Light brown silty sand (medium, fine, medium dense, moist)
4	375	6-8	U	-	-	20	7.5-9ft: Blackish brown silty sand (fine, medium dense, moist)
5	1,771	8-10	U	-	-	20	9-20ft: Gray silty sand (fine, medium dense, moist to wet)
6	1,646	10-12	U	-	-	20	Refusal @ 20 ft. bgs
7	1,423	12-14	U	-	-	20	
8	293	14-16	U	-	-	20	
9	742	16-18	U	-	-	20	
10	70.3	18-20	U	-	-	20	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~4.5 ft. bgs

Moderate to strong petroleum-type odors detected @ ~6-18 ft. bgs

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

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 4 New 7th Street, Buffalo, New York | PROJECT No. 04B341.26

CLIENT: 257 W. Genesee, LLC | BORING/WELL No. BCP BH10

DATE STARTED: 5/10/06 | DATE COMPLETED: 5/10/06 | RECORDED BY: JMR

GROUNDWATER DEPTH WHILE DRILLING: ~13 ft. bgs | AFTER COMPLETION: NA

WEATHER: ~70°F, Sunny | 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	5.8	0-2	U	-	-	20	0-2.5ft: Brown gravelly sand (medium, fine, dense, moist)
2	4.1	2-4	U	-	-	20	2.5-4.5ft: Blackish brown gravelly sand (medium, fine, medium dense, moist)
3	11.4	4-6	U	-	-	20	4.5-7.5ft: Light brown silty sand (medium, fine, medium dense, moist)
4	76.2	6-7	U	-	-	10	7.5-9ft: Blackish brown silty sand (fine, medium dense, moist)
5	616	7-8	U	-	-	10	9-18ft: Gray silty sand (fine, medium dense, moist to wet)
6	1,803	8-10	U	-	-	22	18-20ft: Reddish brown sandy silty clay (high plasticity, very soft, wet)
7	1,504	10-12	U	-	-	22	Refusal @ 20 ft. bgs
8	26.4	12-16	U	-	-	22	
9	6.4	16-20	U	-	-	22	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

Fill to ~4.5 ft. bgs

Moderate to strong petroleum-type odors detected @ ~6-12 ft. bgs

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

LCS Inc. SUBSURFACE LOG

PROJECT/ LOCATION: 4 New 7th Street, Buffalo, New York | PROJECT No. 04B341.26

CLIENT: 257 W. Genesee, LLC | BORING/WELL No. BCP BH11

DATE STARTED: 5/18/06 | DATE COMPLETED: 5/18/06 | RECORDED BY: JMR

GROUNDWATER DEPTH WHILE DRILLING: ~11 ft. bgs | AFTER COMPLETION: NA

WEATHER: ~70°F, Sunny | 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	-	-	20	0-1ft: Brown silty sand (coarse, medium, fine, dense, moist)
2	0.1	2-4	U	-	-	20	1-3ft: Brownish black gravelly sand (coarse, medium, fine, dense, moist)
3	0.4	4-6	U	-	-	20	3-5ft: Brown silty sand (fine, dense, moist)
4	0.6	6-8	U	-	-	22	5-6.5ft: Reddish brown clayey silt (low plasticity, moist)
5	0.6	8-10	U	-	-	20	6.5-8.5ft: Reddish brown silty clay (moderate plasticity, stiff, moist)
6	0.7	10-12	U	-	-	20	8.5-14ft: Gray silty sand (coarse, medium dense, moist to wet)
7	5.8	12-14	U	-	-	20	14-19ft: Dark brown silty sand (coarse, medium dense, wet)
8	85.1	14-16	U	-	-	22	Refusal @ 19 ft. bgs
9	60.2	16-19	U	-	-	24	

NOTES NA = Not Applicable

ft. bgs = feet below ground surface

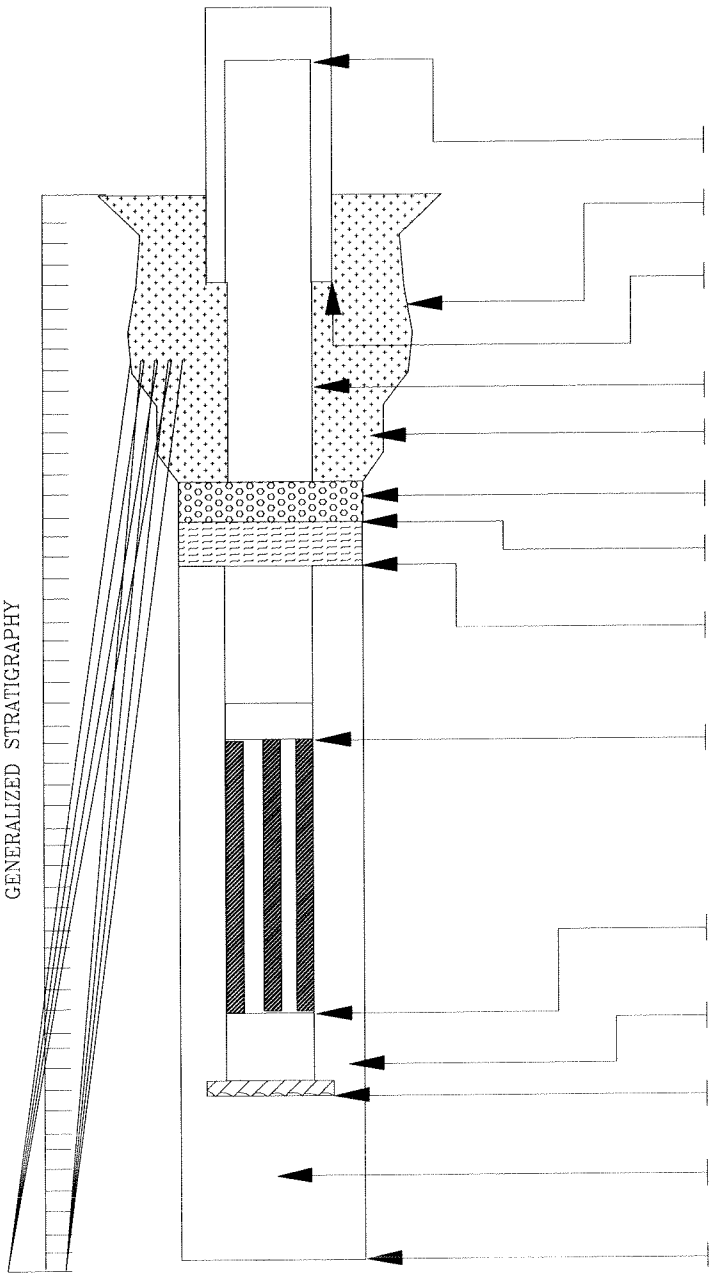
Fill to ~3 ft. bgs

No suspect odors detected

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

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	4 New 7th Street, Buffalo, New York	PROJECT No.	06B341.26
CLIENT:	257 West Genesee, LLC	WELL No.	BCP MW01
DATE COMPLETED:	5/15/06	SUPERVISED BY:	JMR



REFERENCE POINT
Elevation/Depth:

SURFACE SEAL
Type/Depth: Concrete 1.2 ft

DEPTH OF SURFACE CASING: 1.0 ft.

RISER PIPE Size/Type: 2.0" Sch. 40 PVC

DIAMETER OF BOREHOLE: 4.25 inches

TYPE OF FILL: NA

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

TOP OF FILTER PACK Elevation/Depth: 3.0 ft. bgs
FILTER PACK MATERIAL: #00 Sand

TOP OF SCREEN Elevation/Depth: 4.2 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch / Sch. 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.2 ft. bgs

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

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

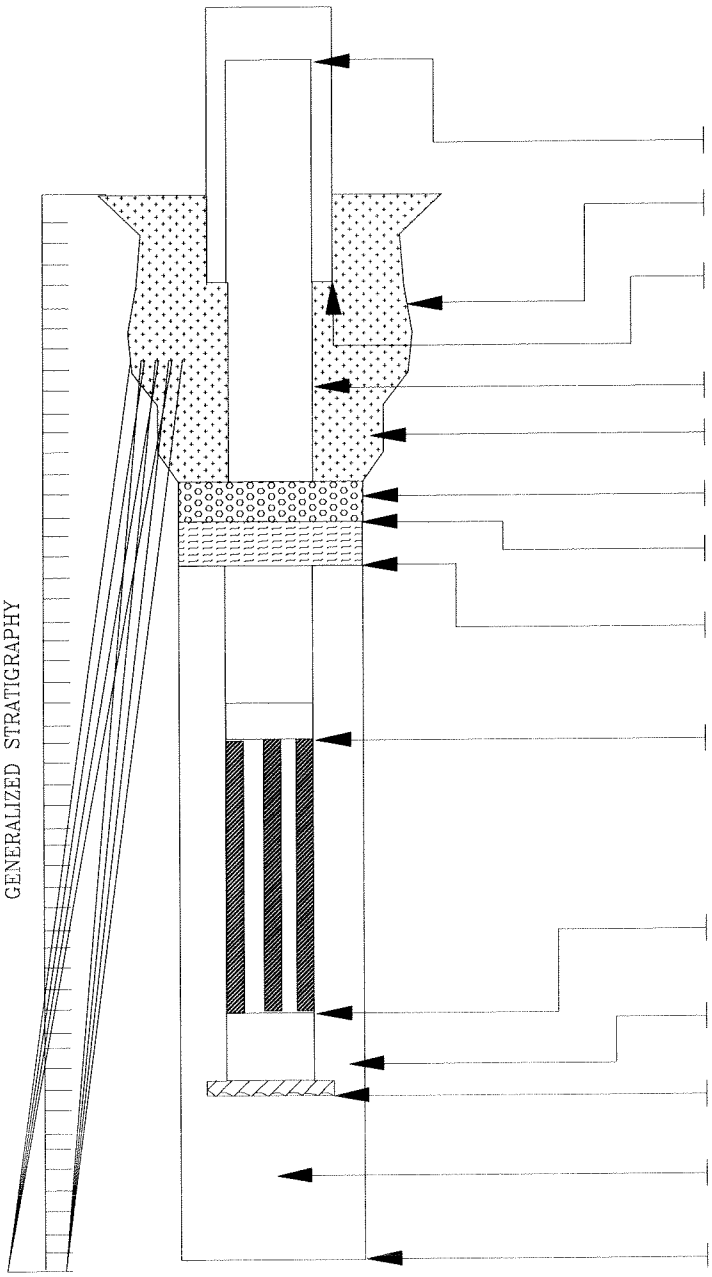
TYPE OF FILLER
BELOW PLUGGED BLANK: #00 Sand

BOTTOM OF BOREHOLE
Elevation/Depth: 15.5 ft. bgs

NOTES ft. bgs = feet below ground surface

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	4 New 7th Street, Buffalo, New York	PROJECT No.	06B341.26
CLIENT:	257 West Genesee, LLC	WELL No.	BCP MW02
DATE COMPLETED:	5/16/06	SUPERVISED BY:	JMR



REFERENCE POINT
Elevation/Depth:

SURFACE SEAL
Type/Depth: Concrete 1.2 ft

DEPTH OF SURFACE CASING: 1.0 ft.

RISER PIPE Size/Type: 2.0" Sch. 40 PVC

DIAMETER OF BOREHOLE: 4.25 inches

TYPE OF FILL: NA

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

TOP OF FILTER PACK Elevation/Depth: 3.0 ft. bgs
FILTER PACK MATERIAL: #00 Sand

TOP OF SCREEN Elevation/Depth: 4.2 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch / Sch. 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.2 ft. bgs

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

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

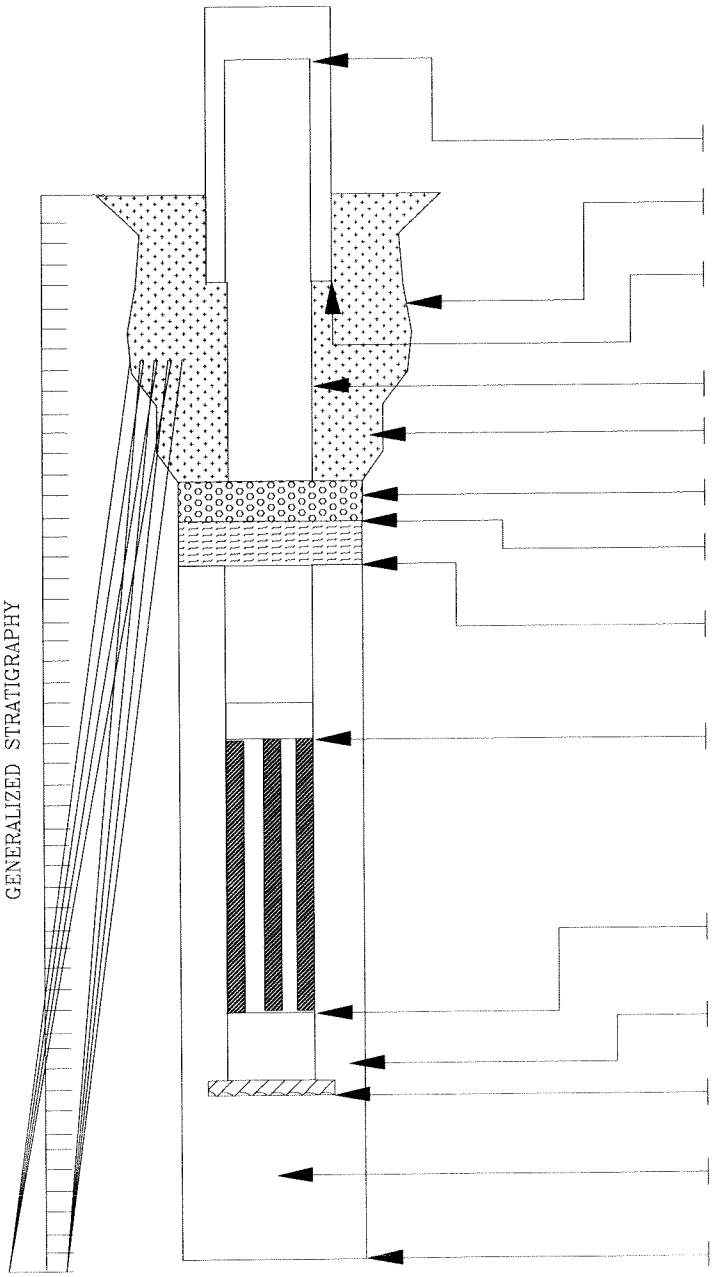
TYPE OF FILLER
BELOW PLUGGED BLANK: #00 Sand

BOTTOM OF BOREHOLE
Elevation/Depth: 15.5 ft. bgs

NOTES ft. bgs = feet below ground surface

LCS, Inc. WELL CONSTRUCTION DETAIL

PROJECT/LOCATION:	4 New 7th Street, Buffalo, New York	PROJECT No.	06B341.26
CLIENT:	257 West Genesee, LLC	WELL No.	BCP MW03
DATE COMPLETED:	5/16/06	SUPERVISED BY:	JMR



REFERENCE POINT
Elevation/Depth:

SURFACE SEAL
Type/Depth: Concrete 1.2 ft

DEPTH OF SURFACE CASING: 1.0 ft.

RISER PIPE Size/Type: 2.0" Sch. 40 PVC

DIAMETER OF BOREHOLE: 4.25 inches

TYPE OF FILL: NA

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

TOP OF FILTER PACK Elevation/Depth: 3.0 ft. bgs
FILTER PACK MATERIAL: #00 Sand

TOP OF SCREEN Elevation/Depth: 4.2 ft. bgs
SCREEN SIZE/TYPE: 0.010 inch / Sch. 40 PVC

BOTTOM OF SCREEN Elevation/Depth: 14.2 ft. bgs

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

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

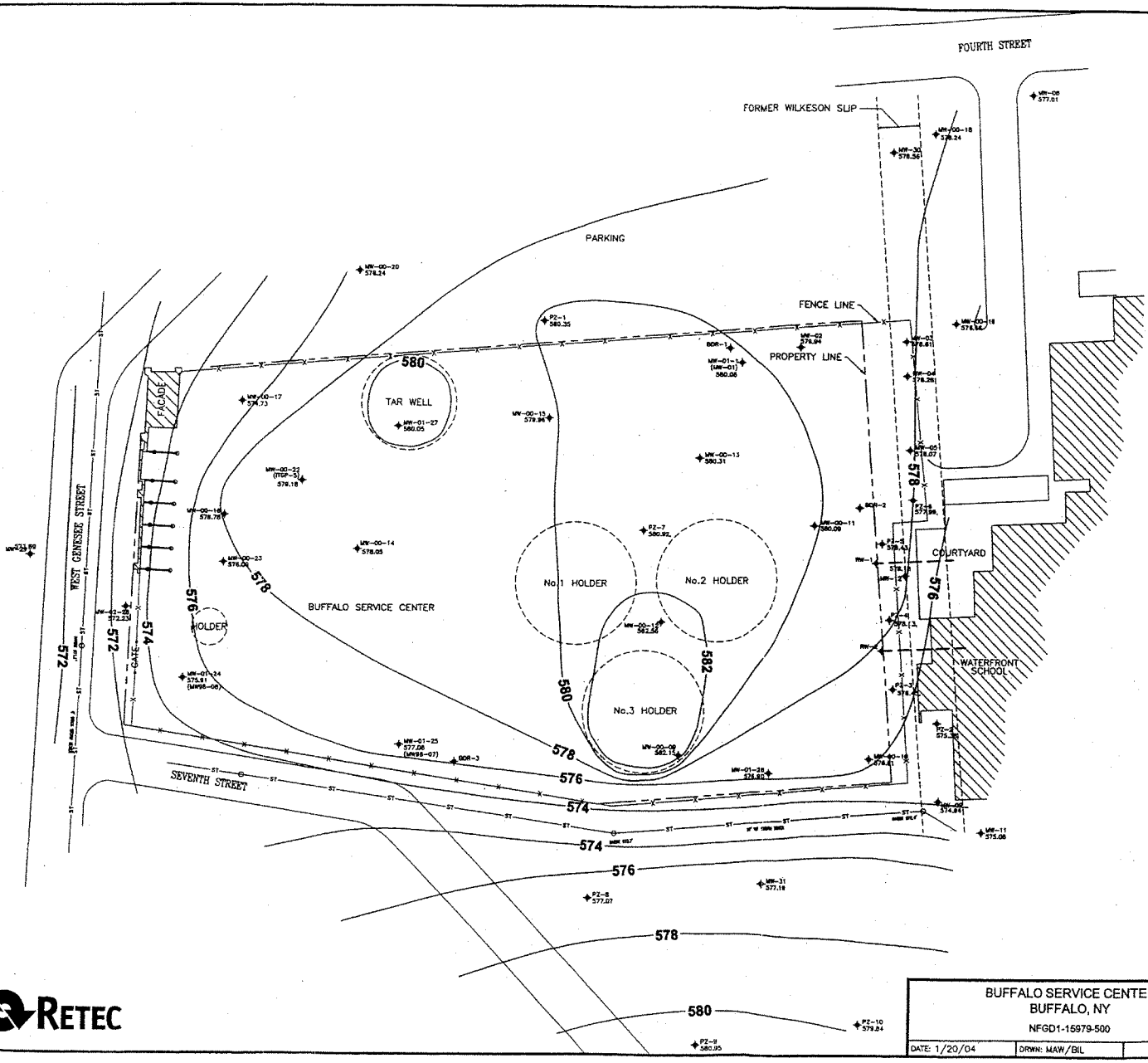
TYPE OF FILLER
BELOW PLUGGED BLANK: #00 Sand

BOTTOM OF BOREHOLE
Elevation/Depth: 15.5 ft. bgs

NOTES ft. bgs = feet below ground surface

APPENDIX D

HYDRAULIC CONDUCTIVITY CALCULATIONS



NOTES:

1) FIGURE BASED ON INVESTIGATION RESULTS REPORT BY IT CORP., JANUARY 2002, PRE-DESIGN INVESTIGATION FIELDWORK BY RETEC 2003, AND SURVEYS BY NIAGARA BOUNDARY L.S.P.C., AUGUST 2002 AND AUGUST 2003.

2) ELEVATION OF PZ-8, PZ-9 AND PZ-10 MEASURED DECEMBER 30TH AND ADJUSTED TO ACCOUNT FOR 0.60' RISE IN ELEVATION SINCE NOVEMBER, AS MEASURED AT MW-31.

3) BEDROCK GROUNDWATER ELEVATIONS (MEASURED AT BDR-1, BDR-2 AND BDR-3) ARE NOT INCLUDED.

LEGEND

- MONITORING WELL OR TEMPORARY PIEZOMETER
- ANGLED BORING AND RECOVERY WELL
- FENCE
- NFG PROPERTY LINE
- SUBSURFACE FEATURE
- ST — STORM SEWER

40 0 80

1"=80'

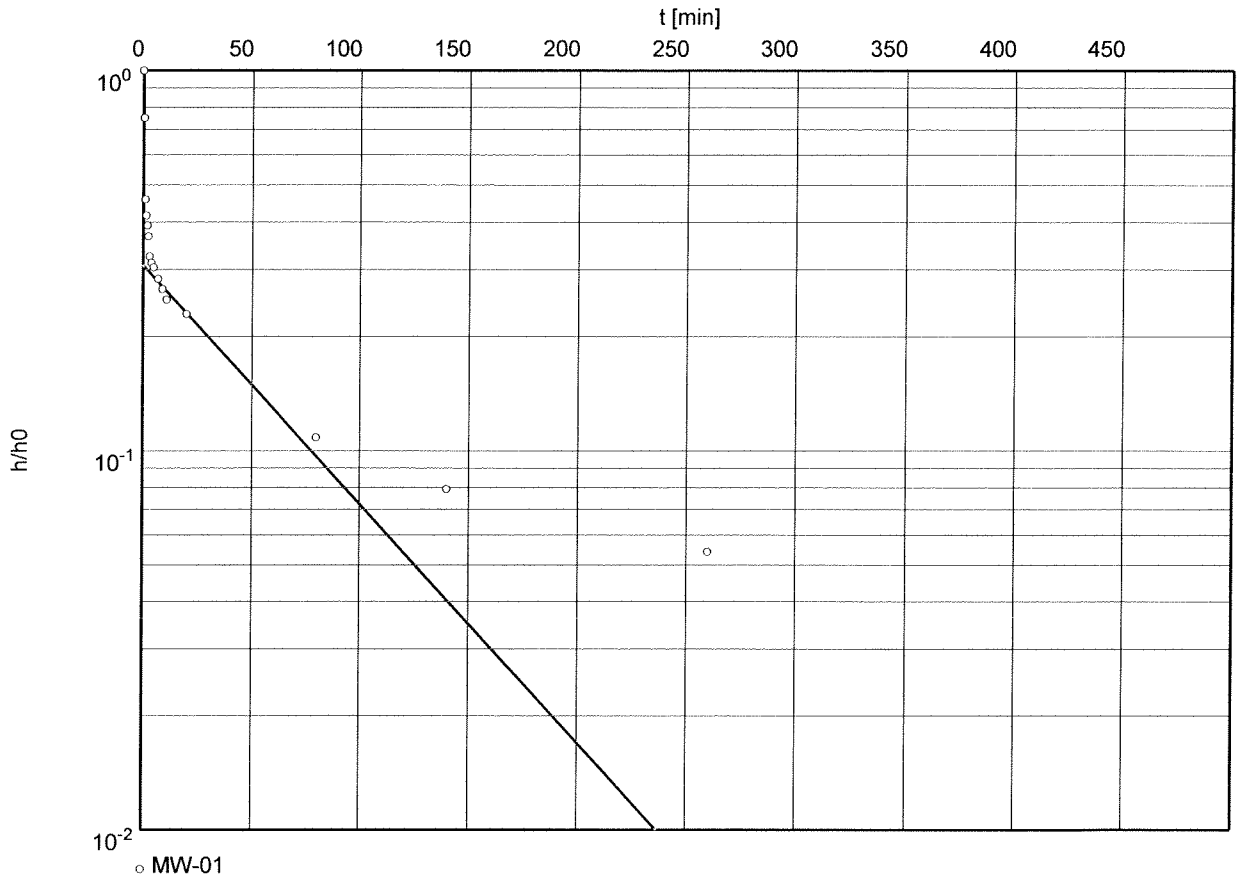
RETEC

BUFFALO SERVICE CENTER BUFFALO, NY NFGD1-15979-500			GROUNDWATER ELEVATION NOVEMBER 2003
DATE: 1/20/04	DRWN: MAW/BIL		FIGURE 10

File: J:\Buffalo\500\wm11-03.dwg Layout: ANOL_ff-LJ User: mwilliamson Plotted: Jan 20, 2004 - 8:59am Xref's:

Benchmark Envir. Eng. & Sc., PLLC 726 Exchange St. Suite 624 Buffalo, New York 14210 ph.(716)856-0599	slug/bail test analysis BOUWER-RICE's method	Date: 07/28/2006	RI, Page 1
		Project: New Seventh Street Site	
		Evaluated by: JMA	

Slug Test No.	Test conducted on: 5/31/06
BCP MW01	



Hydraulic conductivity [ft/min]: 1.43 x 10^{-4}

Hydraulic Conductivity [cm/s]: 7.3 X 10 -5

Benchmark Envir. Eng. & Sc., PLLC 726 Exchange St. Suite 624 Buffalo, New York 14210 ph.(716)856-0599	slug/bail test analysis BOUWER-RICE's method	Date: 07/28/2006 | RI, Page 2 Project: New Seventh Street Site Evaluated by: JMA

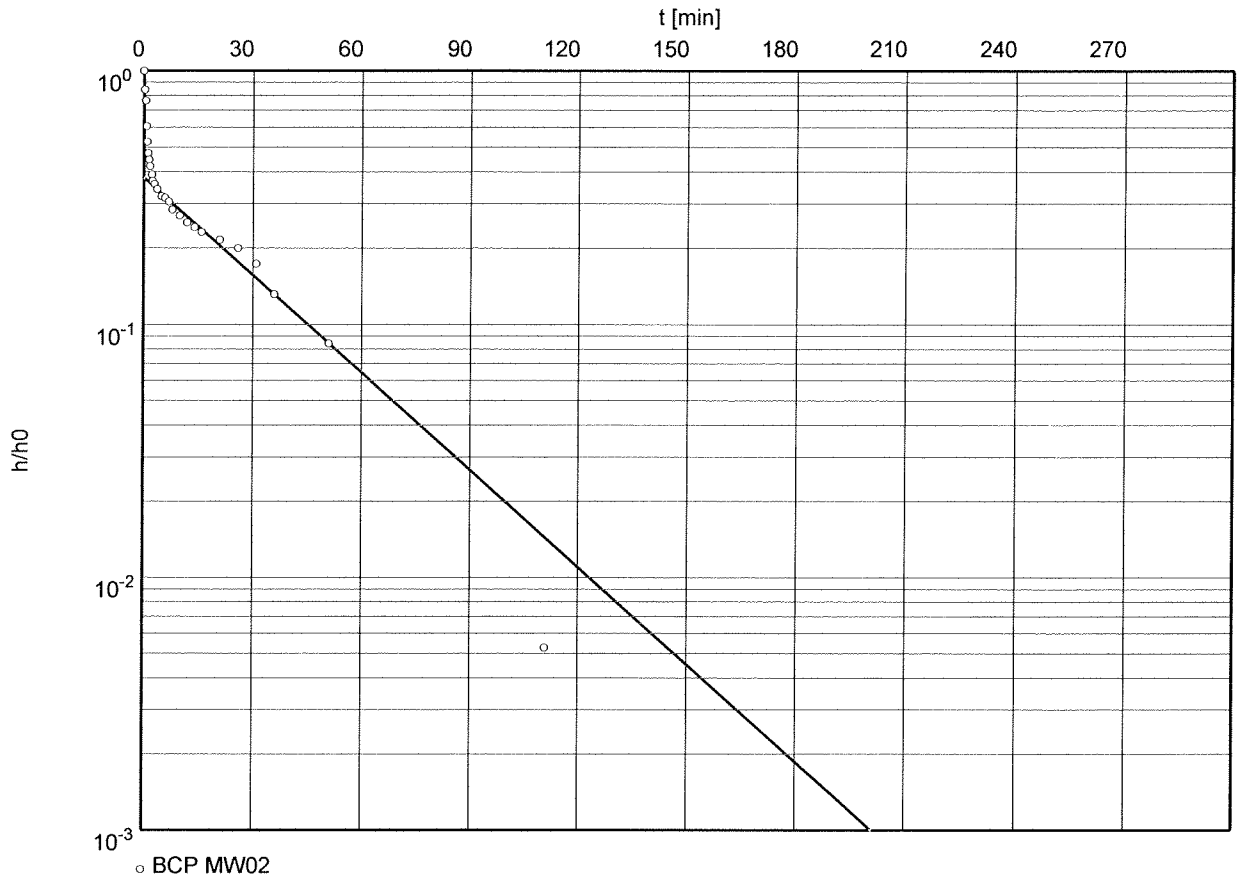
Slug Test No.	Test conducted on: 5/31/06
BCP MW01	MW-01

Static water level: 10.00 ft below datum

	Pumping test duration [min]	Water level [ft]	Drawdown [ft]
1	0.00	12.40	2.40
2	0.50	11.80	1.80
3	1.00	11.10	1.10
4	1.50	11.00	1.00
5	2.00	10.94	0.94
6	2.50	10.88	0.88
7	3.00	10.78	0.78
8	4.00	10.75	0.75
9	5.00	10.73	0.73
10	7.00	10.68	0.68
11	9.00	10.64	0.64
12	11.00	10.60	0.60
13	20.00	10.55	0.55
14	80.00	10.26	0.26
15	140.00	10.19	0.19
16	260.00	10.13	0.13

Benchmark Envir. Eng. & Sc., PLLC 726 Exchange St. Suite 624 Buffalo, New York 14210 ph.(716)856-0599	slug/bail test analysis BOUWER-RICE's method	Date: 07/28/2006	RI, Page 1
		Project: New Seventh Street Site	
		Evaluated by: JMA	

Slug Test No.	Test conducted on: 5/31/06
BCP MW02	



Hydraulic conductivity [ft/min]: 2.68 x 10^{-4}

Hydraulic Conductivity [cm/s]: 1.4 X 10 -4

Benchmark Envir. Eng. & Sc., PLLC 726 Exchange St. Suite 624 Buffalo, New York 14210 ph.(716)856-0599	slug/bail test analysis BOUWER-RICE's method	Date: 07/28/2006	RI, Page 2
		Project: New Seventh Street Site	
		Evaluated by: JMA	

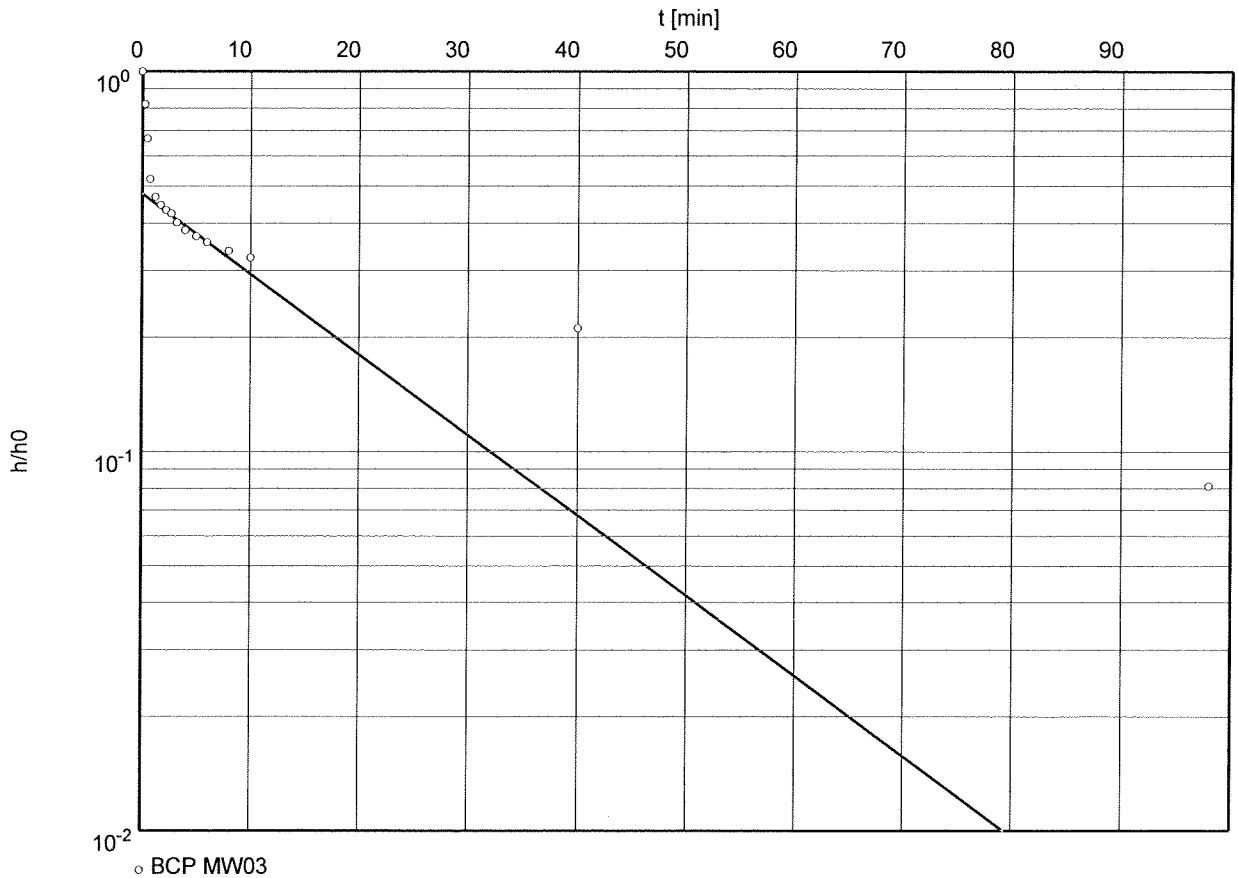
Slug Test No.	Test conducted on: 5/31/06
BCP MW02	BCP MW02

Static water level: 9.30 ft below datum

	Pumping test duration [min]	Water level [ft]	Drawdown [ft]
1	0.00	11.20	1.90
2	0.25	10.90	1.60
3	0.50	10.75	1.45
4	0.75	10.45	1.15
5	1.00	10.30	1.00
6	1.25	10.20	0.90
7	1.50	10.15	0.85
8	1.75	10.10	0.80
9	2.25	10.04	0.74
10	2.50	10.00	0.70
11	3.00	9.98	0.68
12	3.75	9.95	0.65
13	5.00	9.91	0.61
14	6.00	9.90	0.60
15	7.00	9.88	0.58
16	8.00	9.84	0.54
17	10.00	9.81	0.51
18	12.00	9.78	0.48
19	14.00	9.76	0.46
20	16.00	9.74	0.44
21	21.00	9.71	0.41
22	26.00	9.68	0.38
23	31.00	9.63	0.33
24	36.00	9.55	0.25
25	51.00	9.46	0.16
26	111.00	9.31	0.01

Benchmark Envir. Eng. & Sc., PLLC 726 Exchange St. Suite 624 Buffalo, New York 14210 ph.(716)856-0599	slug/bail test analysis BOUWER-RICE's method	Date: 7/28/06	RI, Page 1
		Project: New Seventh Street Site	
		Evaluated by: JMA	

Slug Test No.	Test conducted on: 5/31/06
BCP MW03	



Hydraulic conductivity [ft/min]: 5.40 x 10^{-4}

Hydraulic Conductivity [cm/s]: 2.7 X 10-4

Benchmark Envir. Eng. & Sc., PLLC 726 Exchange St. Suite 624 Buffalo, New York 14210 ph.(716)856-0599	slug/bail test analysis BOUWER-RICE's method	Date: 7/28/06	RI, Page 2
		Project: New Seventh Street Site	
		Evaluated by: JMA	

Slug Test No.	Test conducted on: 5/31/06
BCP MW03	BCP MW03

Static water level: 10.86 ft below datum

	Pumping test duration [min]	Water level [ft]	Drawdown [ft]
1	0.00	13.08	2.22
2	0.25	12.68	1.82
3	0.50	12.34	1.48
4	0.75	12.02	1.16
5	1.25	11.90	1.04
6	1.75	11.85	0.99
7	2.25	11.82	0.96
8	2.75	11.80	0.94
9	3.25	11.75	0.89
10	4.00	11.71	0.85
11	5.00	11.68	0.82
12	6.00	11.65	0.79
13	8.00	11.61	0.75
14	10.00	11.58	0.72
15	40.00	11.33	0.47
16	98.00	11.04	0.18

APPENDIX E

RI SAMPLE DATA

ANALYTICAL REPORT

Job#: A06-6131

STL Project#: NY4A9214
Site Name: LCS, INC.
Task: LCS, Inc., 05B341.26

Mr. Douglas Reid
LCS, Inc.
PO Box 406
Buffalo, NY 14202

STL Buffalo

Paul K. Morrow
Project Manager

06/14/2006

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6601501	BCPMW01	WATER	05/26/2006	14:10	05/26/2006	19:20
A6601502	BCPMW02	WATER	05/26/2006	13:55	05/26/2006	19:20
A6601503	BCPMW03	WATER	05/26/2006	12:30	05/26/2006	19:20

METHODS SUMMARY

Job#: A06-6131

STL Project#: NY4A9214
Site Name: LCS, INC.

PARAMETER	ANALYTICAL METHOD
Iron - Soluble	ASP00 6010
Manganese - Soluble	ASP00 6010
Biochemical Oxygen Demand	ASP00 405.1
Chemical Oxygen Demand	ASP00 410.4
Nitrate	ASP00 353.2

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

SEVERN TRENT 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.
*	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.

STL BUFFALO

Lender Consulting Services. Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BCPMW01

Contract: NY03-365

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-6131

Matrix (soil/water): WATER Lab Sample ID: AD630873

Level (low/med): LOW Date Received: 5/26/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-89-6	Iron	3030			P
7439-96-5	Manganese	1250			P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Lender Consulting Services. Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BCPMW02

Contract: NY03-365

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-6131

Matrix (soil/water): WATER Lab Sample ID: AD630874

Level (low/med): LOW Date Received: 5/26/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-89-6	Iron	1010			P
7439-96-5	Manganese	793			P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Lender Consulting Services. Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BCPMW03

Contract: NY03-365

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-6131

Matrix (soil/water): WATER Lab Sample ID: AD630875

Level (low/med): LOW Date Received: 5/26/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7439-89-6	Iron	910			P
7439-96-5	Manganese	518			P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Wet Chemistry Analysis

Client Sample No.: BCPMW01

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A6601501

% Solids: 0.0 Date Samp/Recv: 05/26/2006 05/26/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Biochemical Oxygen Demand	MG/L	9.1				405.1	05/27/2006
Chemical Oxygen Demand	MG/L	55.1				410.4	06/01/2006
Nitrate	MG/L-N	0.050	U			353.2	05/27/2006

Comments:

Wet Chemistry Analysis

Client Sample No.: BCPMW02

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A6601502

% Solids: 0.0 Date Samp/Recv: 05/26/2006 05/26/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Biochemical Oxygen Demand	MG/L	51.4				405.1	05/27/2006
Chemical Oxygen Demand	MG/L	20.9				410.4	06/01/2006
Nitrate	MG/L-N	0.050	U			353.2	05/27/2006

Comments:

Wet Chemistry Analysis

Client Sample No.: BCPMW03

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A6601503

% Solids: 0.0 Date Samp/Recv: 05/26/2006 05/26/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Biochemical Oxygen Demand	MG/L	2.3	U			405.1	05/27/2006
Chemical Oxygen Demand	MG/L	39.3				410.4	06/01/2006
Nitrate	MG/L-N	0.050	U			353.2	05/27/2006

Comments:

ANALYTICAL REPORT

Job#: A06-5426

STL Project#: NY4A9214
Site Name: LCS, INC.
Task: LCS, Inc., 05B341.26

Mr. Douglas Reid
LCS, Inc.
PO Box 406
Buffalo, NY 14202

STL Buffalo

Paul K. Morrow
Project Manager

05/30/2006

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6542601	BCP BH05 S4	SOIL	05/10/2006	16:55	05/11/2006	13:35
A6542602	BCP BH06 S3	SOIL	05/10/2006	13:15	05/11/2006	13:35
A6542603	BCP BH07 S3	SOIL	05/10/2006	13:40	05/11/2006	13:35
A6542604	BCP BH08 S3	SOIL	05/10/2006	14:40	05/11/2006	13:35
A6542605	BCP BH09 S3	SOIL	05/10/2006	15:50	05/11/2006	13:35
A6542606	BCP BH10 S4	SOIL	05/10/2006	16:30	05/11/2006	13:35

METHODS SUMMARY

Job#: A06-5426

STL Project#: NY4A9214
Site Name: LCS, INC.

PARAMETER	ANALYTICAL METHOD
ASP 2000 - METHOD 8260 VOLATILES PLUS STARS	ASP00 8260
EPA ASP 2000 - METHOD 8260 VOLATILES	ASP00 8260

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

NON-CONFORMANCE SUMMARY

Job#: A06-5426

STL 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

A06-5426
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
Strict internal chain of custody required.

GC/MS Volatile Data

The analytes Acetone and Methylene chloride were detected in the Volatile Holding Blank at a level below the project established reporting limit. No corrective action is necessary for any values in Volatile Holding Blanks that are below the requested reporting limits.

The ASP Volatile procedure has been modified in order to accomodate the need to analyze method 8260 by ASP protocol. Specifically the internal standard 1,4-Dichlorobenzene-D4, has been used instead of the ASP required internal standard Bromochloromethane.

The Volatile Holding Blank was not analyzed after all of the samples as per ASP SOW.

****

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 hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Paul K. Morrow
Project Manager

5/31/06
Date

SEVERN TRENT 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.
*	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.

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
ANALYSIS DATA SHEET

Client No.

BCP BH05 S4

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542601

Sample wt/vol: 5.13 (g/mL) G Lab File ID: P0928.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 15 Heated Purge: Y Date Analyzed: 05/17/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene chloride	1	J
67-64-1	Acetone	41	
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	8	J
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
108-88-3	Toluene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Total Xylenes	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
ANALYSIS DATA SHEET

Client No.

BCP BH05 S4

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542601

Sample wt/vol: 5.13 (g/mL) G Lab File ID: P0928.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 15 Heated Purge: Y Date Analyzed: 05/17/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	11	U
75-71-8	Dichlorodifluoromethane	11	U
75-69-4	Trichlorofluoromethane	11	U
79-20-9	Methyl acetate	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
110-82-7	Cyclohexane	11	U
108-87-2	Methylcyclohexane	11	U
106-93-4	1,2-Dibromoethane	11	U
98-82-8	Isopropylbenzene	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U
103-65-1	n-Propylbenzene	11	U
99-87-6	p-Cymene	11	U
95-63-6	1,2,4-Trimethylbenzene	11	U
108-67-8	1,3,5-Trimethylbenzene	11	U
104-51-8	n-Butylbenzene	11	U
135-98-8	sec-Butylbenzene	11	U
98-06-6	tert-Butylbenzene	11	U
91-20-3	Naphthalene	11	U

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCP BH05 S4

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542601

Sample wt/vol: 5.13 (g/mL) G Lab File ID: P0928.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 15.1 Date Analyzed: 05/17/2006

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

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

Number TICs found: 5 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	9.09	6	J
2.	UNKNOWN	10.43	11	J
3.	UNKNOWN	10.78	8	J
4.	UNKNOWN	10.96	6	J
5.	UNKNOWN	12.22	6	J

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
ANALYSIS DATA SHEET

Client No.

BCP BH06 S3

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542602

Sample wt/vol: 5.15 (g/mL) G Lab File ID: P0929.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 13 Heated Purge: Y Date Analyzed: 05/17/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene chloride	4	J
67-64-1	Acetone	10	J
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
108-88-3	Toluene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Total Xylenes	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
ANALYSIS DATA SHEET

Client No.

BCP BH06 S3

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542602

Sample wt/vol: 5.15 (g/mL) G Lab File ID: P0929.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 13 Heated Purge: Y Date Analyzed: 05/17/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	11	U
75-71-8	Dichlorodifluoromethane	11	U
75-69-4	Trichlorofluoromethane	11	U
79-20-9	Methyl acetate	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
110-82-7	Cyclohexane	11	U
108-87-2	Methylcyclohexane	11	U
106-93-4	1,2-Dibromoethane	11	U
98-82-8	Isopropylbenzene	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U
103-65-1	n-Propylbenzene	11	U
99-87-6	p-Cymene	11	U
95-63-6	1,2,4-Trimethylbenzene	11	U
108-67-8	1,3,5-Trimethylbenzene	11	U
104-51-8	n-Butylbenzene	11	U
135-98-8	sec-Butylbenzene	11	U
98-06-6	tert-Butylbenzene	11	U
91-20-3	Naphthalene	11	U

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCP BH06 S3

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542602

Sample wt/vol: 5.15 (g/mL) G Lab File ID: P0929.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 12.6 Date Analyzed: 05/17/2006

GC Column: DB-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

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
ANALYSIS DATA SHEET

Client No.

BCP BH07 S3

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542603

Sample wt/vol: 5.11 (g/mL) G Lab File ID: P0930.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 05/17/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene chloride	4	J
67-64-1	Acetone	12	U
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	12	U
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
108-88-3	Toluene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Total Xylenes	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
ANALYSIS DATA SHEET

Client No.

BCP BH07 S3

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542603

Sample wt/vol: 5.11 (g/mL) G Lab File ID: P0930.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 05/17/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	12	U
75-71-8	Dichlorodifluoromethane	12	U
75-69-4	Trichlorofluoromethane	12	U
79-20-9	Methyl acetate	12	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7	Cyclohexane	12	U
108-87-2	Methylcyclohexane	12	U
106-93-4	1,2-Dibromoethane	12	U
98-82-8	Isopropylbenzene	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
103-65-1	n-Propylbenzene	12	U
99-87-6	p-Cymene	12	U
95-63-6	1,2,4-Trimethylbenzene	12	U
108-67-8	1,3,5-Trimethylbenzene	12	U
104-51-8	n-Butylbenzene	12	U
135-98-8	sec-Butylbenzene	12	U
98-06-6	tert-Butylbenzene	12	U
91-20-3	Naphthalene	12	U

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCP BH07 S3

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542603

Sample wt/vol: 5.11 (g/mL) G Lab File ID: P0930.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 17.9 Date Analyzed: 05/17/2006

GC Column: DB-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

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
ANALYSIS DATA SHEET

Client No.

BCP BH08 S3

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542604

Sample wt/vol: 5.01 (g/mL) G Lab File ID: P0931.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 13 Heated Purge: Y Date Analyzed: 05/17/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	11	U
74-83-9	Bromomethane	11	U
75-01-4	Vinyl chloride	11	U
75-00-3	Chloroethane	11	U
75-09-2	Methylene chloride	2	J
67-64-1	Acetone	11	U
75-15-0	Carbon Disulfide	11	U
75-35-4	1,1-Dichloroethene	11	U
75-34-3	1,1-Dichloroethane	11	U
67-66-3	Chloroform	11	U
107-06-2	1,2-Dichloroethane	11	U
78-93-3	2-Butanone	11	U
71-55-6	1,1,1-Trichloroethane	11	U
56-23-5	Carbon Tetrachloride	11	U
75-27-4	Bromodichloromethane	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
79-01-6	Trichloroethene	11	U
124-48-1	Dibromochloromethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
71-43-2	Benzene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
75-25-2	Bromoform	11	U
108-10-1	4-Methyl-2-pentanone	11	U
591-78-6	2-Hexanone	11	U
127-18-4	Tetrachloroethene	11	U
108-88-3	Toluene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
108-90-7	Chlorobenzene	11	U
100-41-4	Ethylbenzene	11	U
100-42-5	Styrene	11	U
1330-20-7	Total Xylenes	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
156-59-2	cis-1,2-Dichloroethene	11	U

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
ANALYSIS DATA SHEET

Client No.

BCP BH08 S3

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542604

Sample wt/vol: 5.01 (g/mL) G Lab File ID: P0931.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 13 Heated Purge: Y Date Analyzed: 05/17/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	11	U
75-71-8	Dichlorodifluoromethane	11	U
75-69-4	Trichlorofluoromethane	11	U
79-20-9	Methyl acetate	11	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
110-82-7	Cyclohexane	11	U
108-87-2	Methylcyclohexane	11	U
106-93-4	1,2-Dibromoethane	11	U
98-82-8	Isopropylbenzene	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
95-50-1	1,2-Dichlorobenzene	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U
103-65-1	n-Propylbenzene	11	U
99-87-6	p-Cymene	11	U
95-63-6	1,2,4-Trimethylbenzene	11	U
108-67-8	1,3,5-Trimethylbenzene	11	U
104-51-8	n-Butylbenzene	11	U
135-98-8	sec-Butylbenzene	11	U
98-06-6	tert-Butylbenzene	11	U
91-20-3	Naphthalene	11	U

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCP BH08 S3

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542604

Sample wt/vol: 5.01 (g/mL) G Lab File ID: P0931.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 12.6 Date Analyzed: 05/17/2006

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

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

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	10.96	6	J
2.	UNKNOWN	11.15	8	J
3. 767-58-8	1-METHYLINDAN	19.55	7	JN

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
ANALYSIS DATA SHEET

Client No.

BCP BH09 S3

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542605

Sample wt/vol: 5.20 (g/mL) G Lab File ID: P0932.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 9 Heated Purge: Y Date Analyzed: 05/17/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	1	J
67-64-1	Acetone	15	
75-15-0	Carbon Disulfide	1	J
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	4	J
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-59-2	cis-1,2-Dichloroethene	10	U

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
ANALYSIS DATA SHEET

Client No.

BCP BH09 S3

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542605

Sample wt/vol: 5.20 (g/mL) G Lab File ID: P0932.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 9 Heated Purge: Y Date Analyzed: 05/17/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U
79-20-9	Methyl acetate	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
103-65-1	n-Propylbenzene	10	U
99-87-6	p-Cymene	10	U
95-63-6	1,2,4-Trimethylbenzene	10	U
108-67-8	1,3,5-Trimethylbenzene	10	U
104-51-8	n-Butylbenzene	10	U
135-98-8	sec-Butylbenzene	10	U
98-06-6	tert-Butylbenzene	10	U
91-20-3	Naphthalene	10	U

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCP BH09 S3

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542605

Sample wt/vol: 5.20 (g/mL) G Lab File ID: P0932.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 9.2 Date Analyzed: 05/17/2006

GC Column: DB-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.	UNKNOWN	11.14	7	J

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
ANALYSIS DATA SHEET

Client No.

BCP BH10 S4

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542606

Sample wt/vol: 5.15 (g/mL) G Lab File ID: P0933.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 17 Heated Purge: Y Date Analyzed: 05/17/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene chloride	4	J
67-64-1	Acetone	93	
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	17	
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	2	J
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
108-88-3	Toluene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Total Xylenes	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
ANALYSIS DATA SHEET

Client No.

BCP BH10 S4

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542606

Sample wt/vol: 5.15 (g/mL) G Lab File ID: P0933.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 17 Heated Purge: Y Date Analyzed: 05/17/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	12	U
75-71-8	Dichlorodifluoromethane	12	U
75-69-4	Trichlorofluoromethane	12	U
79-20-9	Methyl acetate	12	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7	Cyclohexane	12	U
108-87-2	Methylcyclohexane	12	U
106-93-4	1,2-Dibromoethane	12	U
98-82-8	Isopropylbenzene	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
103-65-1	n-Propylbenzene	12	U
99-87-6	p-Cymene	12	U
95-63-6	1,2,4-Trimethylbenzene	12	U
108-67-8	1,3,5-Trimethylbenzene	12	U
104-51-8	n-Butylbenzene	12	U
135-98-8	sec-Butylbenzene	12	U
98-06-6	tert-Butylbenzene	12	U
91-20-3	Naphthalene	12	U

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCP BH10 S4

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6542606

Sample wt/vol: 5.15 (g/mL) G Lab File ID: P0933.RR

Level: (low/med) LOW Date Samp/Recv: 05/10/2006 05/11/2006

% Moisture: not dec. 16.8 Date Analyzed: 05/17/2006

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

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	9.17	10	J
2.		UNKNOWN	10.43	11	J
3.		UNKNOWN	10.51	14	J
4.		UNKNOWN	10.96	10	J
5.		UNKNOWN	11.98	11	J
6.		UNKNOWN ALKANE	12.22	11	J
7.		UNKNOWN	12.35	11	J
8.	1678-91-7	ETHLYLCYCLOHEXANE	12.98	13	JN
9.		UNKNOWN	13.05	11	J
10.		UNKNOWN BENZENE DERIVATIVE	15.12	9	J

ANALYTICAL REPORT

Job#: A06-5430

STL Project#: NY4A9214
Site Name: LCS, INC.
Task: LCS, Inc., 05B341.26

Mr. Douglas Reid
LCS, Inc.
PO Box 406
Buffalo, NY 14202

STL Buffalo

Paul K. Morrow
Project Manager

06/09/2006

SDG Narrative

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6543001	BH01-BH04	SOIL	05/09/2006	17:30	05/10/2006	11:25

METHODS SUMMARY

Job#: A06-5430

STL Project#: NY4A9214
Site Name: LCS, INC.

PARAMETER	ANALYTICAL METHOD
Total Carbon	OTHER KAHN

OTHER Non-Standard Protocol and Method Defined by State, Client QAPP or Developed by Laboratory

NON-CONFORMANCE SUMMARY

Job#: A06-5430

STL 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

A06-5430
Sample Cooler(s) were received at the following temperature(s); 2@2.0 °C
All samples were received in good condition.

Wet Chemistry Data

Total Organic Carbon by Lloyd Kahn was subcontracted to STL Burlington. The complete subcontract report is included in this report as Appendix A. Comments pertaining to Total Organic Carbon by Lloyd Kahn may be found within the comment summary of the subcontract report.

****

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 hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

_____

Paul K. Morrow
Project Manager

_____

Date

Chain of Custody Documentation

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

BASE 5237

STL-4124 (0901)

Client: LCS	Project Manager: Doug Reid	Date: 5/9/06	Chain of Custody Number: 252346
Address: 232 Delaware Ave. Suite 33	Telephone Number (Area Code)/Fax Number: 716-845-6145/6164	Lab Number:	Page 1 of 1
City: Buffalo / State: NY / Zip Code: 14202	Site Contact: Jeff Rowley	Lab Contact: Paul Morrow	
Project Name and Location (State): 4 New 7th Street, Buffalo, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 105B341.261			

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	TCLP	Analysis (Attach list if more space is needed): TCL VOA / ASP 624	TCL SVOA / ASP 625	TCL Pest/PCB's / ASP 608	TAL Inorganics / ASP 200	Total Organic Carbon	Special Instructions/ Conditions of Receipt
BCP BH01 S06	5/9/06	12:20				X	X						X	X	X	X	X		1-8oz, 2-4oz
BCP BH02 S02		15:00												X	X	X	X		"
BCP BH03 S04		16:30												X	X	X	X		"
BCP BH04 S07		17:30				X	X							X	X	X	X		"
Equipment Blank 1		9:30	X			X SR		X	X	X	X			X	X	X	X		3 vials, 4 Amber, 1-8oz, 1-4oz
Duplicate 1						X SR	X							X	X	X	X		1-8oz, 2-4oz
MS/MSD		17:00				X								X	X	X	X		2-8oz, 2-4oz
Total Organic Comp. BH01-BH04	5/9/06	17:30				X	X						X					X	1-4oz

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☒ Archive For 1 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

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By	5/10/06	11:30	1. Received By	STL 05-10-06	11:25
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

2@2.0°C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

98/8

Appendix A

STL Burlington
Colchester, Vermont

Sample Data Summary Package

SDG: A65430

SEVERN TRENT STL

May 25, 2006

STL Burlington
208 South Park Drive, Suite 1
Colchester, VT 05446

Tel: 802 655 1203 Fax: 802 655 1248
www.stl-inc.com

Mr. Paul Morrow
Severn Trent Laboratories
10 Hazelwood Drive
Suite 106
Amherst, NY 14228

Re: Laboratory Project No. 26012
Case: LENDER; SDG: A65430

Dear Mr. Morrow:

Enclosed are the analytical results for the samples that were received by STL Burlington on May 17th, 2006. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 05/17/06 ETR No: 114374		
669663	BH01-BH04	05/09/06	Soil

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

Total Organic Carbon by Lloyd Kahn
Due to the calibration range of the Total Organic Carbon (TOC) analysis and the constraints associated with the establishment of a low concentration calibration point, there is imprecision in the quantitation of results at or near the reporting limit when using a linear regression with all of the calibration points. Therefore, the laboratory used a direct proportion between zero and the relative response of the low calibration standard in deriving results when the response for any one of the determinations for a particular sample was less than that of the low calibration standard.

The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 655-1203.

Sincerely,

Kristine A. Dusablon
Project Manager

Enclosure

STL Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: Greater than 40% difference for detected concentrations between two GC columns. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P ICP-AES
MS ICP-MS
CV Cold Vapor AA
AS Semi-Automated Spectrophotometric

STL Buffalo
Internal Chain of Custody

Client: Lender Consulting Services, Inc.
Project: NY4A9214
Quote: NY03-365
SM #: 356

PM: Paul K. Morrow
Due Date: 05/27/2006
Purchase Order#: TBD

Client Sample ID	Lab ID	Matrix	Parameters	# and Type of Samp Containers	Sample Date/Time
BH01-BH04	A6543001	SOIL	TOC- LLOYD KAHN	1-4ozGW	05/09/2006 17:30

Relinquished by STL Buffalo: Signature(s)	Date	Time	Received By STL - Vermont: Signature(s)	Date	Time
(1)	05/16/2006	1450	(3)	5/17/2006	0945
(2)	/ /20		(4)	/ /20	

13/86

SEVERN TRENT STL

Sample Data Summary Package For Wet Chemistry

WET CHEMISTRY

Sample Report Summary

Client Sample No.
BH01-BH04

Lab Name: STL BURLINGTON | Contract: NY4A9214 | SDG No.: A65430

Lab Code: STLVT | Case No.: LENDER | Lab Sample ID: 669663

Matrix: SOIL | Client: STLNYB | Date Received: 05/17/06

% Solids: 76.0

Method	Parameter	Analytical Run Date	Analytical Batch	Units	DF	RL	Conc.	Qual.
IN623	Solids, Percent	05/22/06	N/A	%	1.0		76.0	
IN847	TOC by Lloyd Kahn	05/23/06	BLKLK052306A	mg/Kg	1	658	20000	

Printed on: 05/24/06 11:00 AM

ANALYTICAL REPORT

Job#: A06-6015,A06-6547

STL Project#: NY4A9214
SDG#: BCP
Site Name: LCS, INC.
Task: LCS, Inc., Seventh Street Site, 05B341.26

Mr. Douglas Reid
LCS, Inc.
PO Box 406
Buffalo, NY 14202

STL Buffalo

Paul K. Morrow
Project Manager

06/22/2006

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6601501	BCPMW01	WATER	05/26/2006	14:10	05/26/2006	19:20
A6601501MS	BCPMW01	WATER	05/26/2006	14:10	05/26/2006	19:20
A6601501SD	BCPMW01	WATER	05/26/2006	14:10	05/26/2006	19:20
A6654701	BCPMW01	WATER	06/08/2006	15:00	06/08/2006	16:15
A6654701MS	BCPMW01	WATER	06/08/2006	15:00	06/08/2006	16:15
A6654701SD	BCPMW01	WATER	06/08/2006	15:00	06/08/2006	16:15
A6601502	BCPMW02	WATER	05/26/2006	13:55	05/26/2006	19:20
A6601503	BCPMW03	WATER	05/26/2006	12:30	05/26/2006	19:20
A6601505	DUPLICATE 02	WATER	05/26/2006		05/26/2006	19:20
A6654702	EQUIP BLANK	WATER	06/08/2006	15:00	06/08/2006	16:15
A6601504	EQUIPMENT BLANK 02	WATER	05/26/2006	17:00	05/26/2006	19:20
A6601506	TPMW01	WATER	05/26/2006	16:30	05/26/2006	19:20
A6601507	TPMW02	WATER	05/26/2006	16:10	05/26/2006	19:20
A6601508	TPMW04	WATER	05/26/2006	16:00	05/26/2006	19:20
A6601509	TPMW06	WATER	05/26/2006	16:20	05/26/2006	19:20
A6601510	TPMW08R	WATER	05/26/2006	16:45	05/26/2006	19:20
A6601511	TRIP BLANK	WATER	05/26/2006		05/26/2006	19:20

METHODS SUMMARY

Job#: A06-6015,A06-6547

STL Project#: NY4A9214
SDG#: BCP
Site Name: LCS, INC.

PARAMETER	ANALYTICAL METHOD	
EPA ASP 2000 - METHOD 8260 VOLATILES	ASP00	8260
LCS - ASP 2000 - SEMIVOLATILES - W	ASP00	EPA SVOA
LCS - ASP 2000- PESTICIDES/AROCLORS - W	ASP00	EPA P/PCB
Aluminum - Total	ASP00	CLP-M
Antimony - Total	ASP00	CLP-M
Arsenic - Total	ASP00	CLP-M
Barium - Total	ASP00	CLP-M
Beryllium - Total	ASP00	CLP-M
Cadmium - Total	ASP00	CLP-M
Calcium - Total	ASP00	CLP-M
Chromium - Total	ASP00	CLP-M
Cobalt - Total	ASP00	CLP-M
Copper - Total	ASP00	CLP-M
Iron - Total	ASP00	CLP-M
Lead - Total	ASP00	CLP-M
Magnesium - Total	ASP00	CLP-M
Manganese - Total	ASP00	CLP-M
Mercury - Total	ASP00	CLP-M
Nickel - Total	ASP00	CLP-M
Potassium - Total	ASP00	CLP-M
Selenium - Total	ASP00	CLP-M
Silver - Total	ASP00	CLP-M
Sodium - Total	ASP00	CLP-M
Thallium - Total	ASP00	CLP-M
Vanadium - Total	ASP00	CLP-M
Zinc - Total	ASP00	CLP-M
Cyanide - Total	ASP00	CLP-WC

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

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.
*	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.

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

BCPMW01

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601501

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2135.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	40	U
74-83-9	Bromomethane	40	U
75-01-4	Vinyl chloride	40	U
75-00-3	Chloroethane	40	U
75-09-2	Methylene chloride	40	U
67-64-1	Acetone	24	J
75-15-0	Carbon Disulfide	40	U
75-35-4	1,1-Dichloroethene	40	U
75-34-3	1,1-Dichloroethane	40	U
67-66-3	Chloroform	40	U
107-06-2	1,2-Dichloroethane	40	U
78-93-3	2-Butanone	40	U
71-55-6	1,1,1-Trichloroethane	40	U
56-23-5	Carbon Tetrachloride	40	U
75-27-4	Bromodichloromethane	40	U
78-87-5	1,2-Dichloropropane	40	U
10061-01-5	cis-1,3-Dichloropropene	40	U
79-01-6	Trichloroethene	40	U
124-48-1	Dibromochloromethane	40	U
79-00-5	1,1,2-Trichloroethane	40	U
71-43-2	Benzene	7	J
10061-02-6	trans-1,3-Dichloropropene	40	U
75-25-2	Bromoform	40	U
108-10-1	4-Methyl-2-pentanone	40	U
591-78-6	2-Hexanone	40	U
127-18-4	Tetrachloroethene	40	U
108-88-3	Toluene	4	J
79-34-5	1,1,2,2-Tetrachloroethane	40	U
108-90-7	Chlorobenzene	40	U
100-41-4	Ethylbenzene	10	J
100-42-5	Styrene	40	U
1330-20-7	Total Xylenes	23	J
75-71-8	Dichlorodifluoromethane	40	U
75-69-4	Trichlorofluoromethane	40	U

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

BCPMW01

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601501

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2135.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	40	U
156-60-5	trans-1,2-Dichloroethene	40	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	40	U
156-59-2	cis-1,2-Dichloroethene	40	U
110-82-7	Cyclohexane	170	
108-87-2	Methylcyclohexane	130	
106-93-4	1,2-Dibromoethane	40	U
98-82-8	Isopropylbenzene	8	J
541-73-1	1,3-Dichlorobenzene	40	U
106-46-7	1,4-Dichlorobenzene	40	U
95-50-1	1,2-Dichlorobenzene	40	U
96-12-8	1,2-Dibromo-3-chloropropane	40	U
120-82-1	1,2,4-Trichlorobenzene	40	U
79-20-9	Methyl acetate	40	U
103-65-1	n-Propylbenzene	9	
99-87-6	p-Cymene	4	U
95-63-6	1,2,4-Trimethylbenzene	5	
108-67-8	1,3,5-Trimethylbenzene	9	
104-51-8	n-Butylbenzene	4	U
135-98-8	sec-Butylbenzene	4	U
98-06-6	tert-Butylbenzene	4	U
91-20-3	Naphthalene	6	

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCPMW01

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601501

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2135.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	78-78-4	2-METHYLBUTANE	2.17	67	JN
2.	109-66-0	PENTANE	2.44	82	JN
3.	107-83-5	2-METHYLPENTANE	3.38	63	JN
4.		UNSATURATED HYDROCARBON	3.44	63	J
5.	96-14-0	3-METHYLPENTANE	3.63	48	JN
6.	96-37-7	METHYLCYCLOPENTANE	4.49	240	JN
7.		UNKNOWN	5.51	51	J
8.		UNSATURATED HYDROCARBON	5.56	62	J
9.		ETHYLMETHYLBENZENE DER.	10.54	39	J
10.		TRIMETHYLBENZENE ISOMER	11.11	38	J

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

BCPMW02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2138.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	4	J
75-15-0	Carbon Disulfide	1	J
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

BCPMW02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2138.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U
103-65-1	n-Propylbenzene	1	U
99-87-6	p-Cymene	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
108-67-8	1,3,5-Trimethylbenzene	1	U
104-51-8	n-Butylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
91-20-3	Naphthalene	1	U

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCPMW02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2138.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (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
ANALYSIS DATA SHEET

Client No.

BCPMW03

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601503

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2139.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	40	U
74-83-9	Bromomethane	40	U
75-01-4	Vinyl chloride	40	U
75-00-3	Chloroethane	40	U
75-09-2	Methylene chloride	2	J
67-64-1	Acetone	12	J
75-15-0	Carbon Disulfide	40	U
75-35-4	1,1-Dichloroethene	40	U
75-34-3	1,1-Dichloroethane	40	U
67-66-3	Chloroform	40	U
107-06-2	1,2-Dichloroethane	40	U
78-93-3	2-Butanone	40	U
71-55-6	1,1,1-Trichloroethane	40	U
56-23-5	Carbon Tetrachloride	40	U
75-27-4	Bromodichloromethane	40	U
78-87-5	1,2-Dichloropropane	40	U
10061-01-5	cis-1,3-Dichloropropene	40	U
79-01-6	Trichloroethene	40	U
124-48-1	Dibromochloromethane	40	U
79-00-5	1,1,2-Trichloroethane	40	U
71-43-2	Benzene	40	U
10061-02-6	trans-1,3-Dichloropropene	40	U
75-25-2	Bromoform	40	U
108-10-1	4-Methyl-2-pentanone	40	U
591-78-6	2-Hexanone	40	U
127-18-4	Tetrachloroethene	40	U
108-88-3	Toluene	40	U
79-34-5	1,1,2,2-Tetrachloroethane	40	U
108-90-7	Chlorobenzene	40	U
100-41-4	Ethylbenzene	40	U
100-42-5	Styrene	40	U
1330-20-7	Total Xylenes	40	U
75-71-8	Dichlorodifluoromethane	40	U
75-69-4	Trichlorofluoromethane	40	U

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

BCPMW03

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601503

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2139.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	40	U
156-60-5	trans-1,2-Dichloroethene	40	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	40	U
156-59-2	cis-1,2-Dichloroethene	40	U
110-82-7	Cyclohexane	40	U
108-87-2	Methylcyclohexane	40	U
106-93-4	1,2-Dibromoethane	40	U
98-82-8	Isopropylbenzene	40	U
541-73-1	1,3-Dichlorobenzene	40	U
106-46-7	1,4-Dichlorobenzene	40	U
95-50-1	1,2-Dichlorobenzene	40	U
96-12-8	1,2-Dibromo-3-chloropropane	40	U
120-82-1	1,2,4-Trichlorobenzene	40	U
79-20-9	Methyl acetate	40	U
103-65-1	n-Propylbenzene	4	U
99-87-6	p-Cymene	4	U
95-63-6	1,2,4-Trimethylbenzene	4	U
108-67-8	1,3,5-Trimethylbenzene	4	U
104-51-8	n-Butylbenzene	4	U
135-98-8	sec-Butylbenzene	4	U
98-06-6	tert-Butylbenzene	4	U
91-20-3	Naphthalene	4	U

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCPMW03

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601503

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2139.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.00

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
ANALYSIS DATA SHEET

Client No.

DUPLICATE 02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601505

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2141.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	4	J
75-15-0	Carbon Disulfide	1	J
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

DUPLICATE 02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601505

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2141.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U
103-65-1	n-Propylbenzene	1	U
99-87-6	p-Cymene	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
108-67-8	1,3,5-Trimethylbenzene	1	U
104-51-8	n-Butylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
91-20-3	Naphthalene	1	U

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

DUPLICATE 02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601505

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2141.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (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
ANALYSIS DATA SHEET

Client No.

EQUIPMENT BLANK 02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601504

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2140.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

EQUIPMENT BLANK 02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601504

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2140.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U
103-65-1	n-Propylbenzene	1	U
99-87-6	p-Cymene	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
108-67-8	1,3,5-Trimethylbenzene	1	U
104-51-8	n-Butylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
91-20-3	Naphthalene	1	U

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

EQUIPMENT BLANK 02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601504

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2140.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (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
ANALYSIS DATA SHEET

Client No.

TPMW01

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601506

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2142.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 10.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl chloride	100	U
75-00-3	Chloroethane	100	U
75-09-2	Methylene chloride	100	U
67-64-1	Acetone	27	J
75-15-0	Carbon Disulfide	100	U
75-35-4	1,1-Dichloroethene	100	U
75-34-3	1,1-Dichloroethane	100	U
67-66-3	Chloroform	100	U
107-06-2	1,2-Dichloroethane	100	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	100	U
56-23-5	Carbon Tetrachloride	100	U
75-27-4	Bromodichloromethane	100	U
78-87-5	1,2-Dichloropropane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
79-01-6	Trichloroethene	100	U
124-48-1	Dibromochloromethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
71-43-2	Benzene	230	
10061-02-6	trans-1,3-Dichloropropene	100	U
75-25-2	Bromoform	100	U
108-10-1	4-Methyl-2-pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	100	U
108-88-3	Toluene	580	
79-34-5	1,1,2,2-Tetrachloroethane	100	U
108-90-7	Chlorobenzene	100	U
100-41-4	Ethylbenzene	420	
100-42-5	Styrene	100	U
1330-20-7	Total Xylenes	2700	
75-71-8	Dichlorodifluoromethane	100	U
75-69-4	Trichlorofluoromethane	100	U

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

TPMW01

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601506

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2142.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 10.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	100	U
156-60-5	trans-1,2-Dichloroethene	100	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	100	U
156-59-2	cis-1,2-Dichloroethene	100	U
110-82-7	Cyclohexane	1300	E
108-87-2	Methylcyclohexane	1100	E
106-93-4	1,2-Dibromoethane	100	U
98-82-8	Isopropylbenzene	57	J
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	100	U
95-50-1	1,2-Dichlorobenzene	100	U
96-12-8	1,2-Dibromo-3-chloropropane	100	U
120-82-1	1,2,4-Trichlorobenzene	100	U
79-20-9	Methyl acetate	100	U
103-65-1	n-Propylbenzene	70	
99-87-6	p-Cymene	27	
95-63-6	1,2,4-Trimethylbenzene	1200	E
108-67-8	1,3,5-Trimethylbenzene	420	
104-51-8	n-Butylbenzene	10	U
135-98-8	sec-Butylbenzene	16	
98-06-6	tert-Butylbenzene	10	U
91-20-3	Naphthalene	210	

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TPMW01

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601506

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2142.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 10.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	78-78-4	2-METHYLBUTANE	2.17	680	JN
2.	109-66-0	PENTANE	2.44	800	JN
3.	107-83-5	2-METHYLPENTANE	3.38	540	JN
4.	110-54-3	HEXANE	3.90	480	JN
5.	96-37-7	METHYLCYCLOPENTANE	4.49	1000	JN
6.		SATURATED HYDROCARBON	7.36	460	J
7.		ETHYLMETHYLBENZENE DER.	10.25	1400	J
8.		ETHYLMETHYLBENZENE DER.	10.54	500	J
9.		TRIMETHYLBENZENE ISOMER	11.11	690	J
10.		UNKNOWN	11.30	560	J

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

TPMW01 DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601506DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2149.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 20.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	200	U
74-83-9	Bromomethane	200	U
75-01-4	Vinyl chloride	200	U
75-00-3	Chloroethane	200	U
75-09-2	Methylene chloride	200	U
67-64-1	Acetone	120	DJ
75-15-0	Carbon Disulfide	200	U
75-35-4	1,1-Dichloroethene	200	U
75-34-3	1,1-Dichloroethane	200	U
67-66-3	Chloroform	200	U
107-06-2	1,2-Dichloroethane	200	U
78-93-3	2-Butanone	200	U
71-55-6	1,1,1-Trichloroethane	200	U
56-23-5	Carbon Tetrachloride	200	U
75-27-4	Bromodichloromethane	200	U
78-87-5	1,2-Dichloropropane	200	U
10061-01-5	cis-1,3-Dichloropropene	200	U
79-01-6	Trichloroethene	200	U
124-48-1	Dibromochloromethane	200	U
79-00-5	1,1,2-Trichloroethane	200	U
71-43-2	Benzene	220	D
10061-02-6	trans-1,3-Dichloropropene	200	U
75-25-2	Bromoform	200	U
108-10-1	4-Methyl-2-pentanone	200	U
591-78-6	2-Hexanone	200	U
127-18-4	Tetrachloroethene	200	U
108-88-3	Toluene	600	D
79-34-5	1,1,2,2-Tetrachloroethane	200	U
108-90-7	Chlorobenzene	200	U
100-41-4	Ethylbenzene	390	D
100-42-5	Styrene	200	U
1330-20-7	Total Xylenes	2500	D
75-71-8	Dichlorodifluoromethane	200	U
75-69-4	Trichlorofluoromethane	200	U

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

TPMW01 DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601506DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2149.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 20.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	200	U
156-60-5	trans-1,2-Dichloroethene	200	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	200	U
156-59-2	cis-1,2-Dichloroethene	200	U
110-82-7	Cyclohexane	760	D
108-87-2	Methylcyclohexane	510	D
106-93-4	1,2-Dibromoethane	200	U
98-82-8	Isopropylbenzene	45	DJ
541-73-1	1,3-Dichlorobenzene	200	U
106-46-7	1,4-Dichlorobenzene	200	U
95-50-1	1,2-Dichlorobenzene	200	U
96-12-8	1,2-Dibromo-3-chloropropane	200	U
120-82-1	1,2,4-Trichlorobenzene	200	U
79-20-9	Methyl acetate	200	U
103-65-1	n-Propylbenzene	53	D
99-87-6	p-Cymene	19	DJ
95-63-6	1,2,4-Trimethylbenzene	1100	D
108-67-8	1,3,5-Trimethylbenzene	350	D
104-51-8	n-Butylbenzene	20	U
135-98-8	sec-Butylbenzene	10	DJ
98-06-6	tert-Butylbenzene	20	U
91-20-3	Naphthalene	200	D

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TPMW01 DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601506DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2149.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 20.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	78-78-4	2-METHYLBUTANE	2.17	600	JN
2.	109-66-0	PENTANE	2.44	700	JN
3.		UNKNOWN	3.44	430	J
4.	96-37-7	METHYLCYCLOPENTANE	4.48	900	JN
5.		UNKNOWN	5.51	370	J
6.		ETHYLMETHYLBENZENE DER.	10.25	1300	J
7.		ETHYLMETHYLBENZENE DER.	10.54	440	J
8.		TRIMETHYLBENZENE ISOMER	11.10	670	J
9.		UNKNOWN	11.30	490	J
10.		UNKNOWN	12.47	340	J

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

TPMW02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601507

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2143.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	2	J
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	3	J
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	23	
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	94	
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	160	E
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	26	
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

TPMW02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601507

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2143.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	270	E
108-87-2	Methylcyclohexane	160	E
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	29	
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U
103-65-1	n-Propylbenzene	27	
99-87-6	p-Cymene	4	
95-63-6	1,2,4-Trimethylbenzene	20	
108-67-8	1,3,5-Trimethylbenzene	15	
104-51-8	n-Butylbenzene	1	U
135-98-8	sec-Butylbenzene	4	
98-06-6	tert-Butylbenzene	0.8	J
91-20-3	Naphthalene	17	

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TPMW02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601507

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2143.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	107-83-5	2-METHYLPENTANE	3.38	61	JN
2.		UNSATURATED HYDROCARBON	3.44	58	J
3.	96-37-7	METHYLCYCLOPENTANE	4.49	220	JN
4.		UNKNOWN	5.51	100	J
5.		UNSATURATED HYDROCARBON	5.57	96	J
6.		DIMETHYLCYCLOHEXANE ISOMER	7.15	64	J
7.		ETHYLMETHYLBENZENE DER.	10.54	87	J
8.		TRIMETHYLBENZENE ISOMER	11.11	81	J
9.		AROMATIC DERIVATIVE	11.30	89	J
10.		AROMATIC DERIVATIVE	11.81	48	J

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

TPMW02 DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601507DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2150.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 5.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	50	U
74-83-9	Bromomethane	50	U
75-01-4	Vinyl chloride	50	U
75-00-3	Chloroethane	50	U
75-09-2	Methylene chloride	7	DJ
67-64-1	Acetone	24	DJ
75-15-0	Carbon Disulfide	50	U
75-35-4	1,1-Dichloroethene	50	U
75-34-3	1,1-Dichloroethane	50	U
67-66-3	Chloroform	50	U
107-06-2	1,2-Dichloroethane	50	U
78-93-3	2-Butanone	50	U
71-55-6	1,1,1-Trichloroethane	50	U
56-23-5	Carbon Tetrachloride	50	U
75-27-4	Bromodichloromethane	50	U
78-87-5	1,2-Dichloropropane	50	U
10061-01-5	cis-1,3-Dichloropropene	50	U
79-01-6	Trichloroethene	50	U
124-48-1	Dibromochloromethane	50	U
79-00-5	1,1,2-Trichloroethane	50	U
71-43-2	Benzene	77	D
10061-02-6	trans-1,3-Dichloropropene	50	U
75-25-2	Bromoform	50	U
108-10-1	4-Methyl-2-pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	50	U
108-88-3	Toluene	17	DJ
79-34-5	1,1,2,2-Tetrachloroethane	50	U
108-90-7	Chlorobenzene	50	U
100-41-4	Ethylbenzene	140	D
100-42-5	Styrene	50	U
1330-20-7	Total Xylenes	24	DJ
75-71-8	Dichlorodifluoromethane	50	U
75-69-4	Trichlorofluoromethane	50	U

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

TPMW02 DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601507DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2150.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 5.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	50	U
156-60-5	trans-1,2-Dichloroethene	50	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	50	U
156-59-2	cis-1,2-Dichloroethene	50	U
110-82-7	Cyclohexane	180	D
108-87-2	Methylcyclohexane	100	D
106-93-4	1,2-Dibromoethane	50	U
98-82-8	Isopropylbenzene	22	DJ
541-73-1	1,3-Dichlorobenzene	50	U
106-46-7	1,4-Dichlorobenzene	50	U
95-50-1	1,2-Dichlorobenzene	50	U
96-12-8	1,2-Dibromo-3-chloropropane	50	U
120-82-1	1,2,4-Trichlorobenzene	50	U
79-20-9	Methyl acetate	50	U
103-65-1	n-Propylbenzene	20	D
99-87-6	p-Cymene	3	DJ
95-63-6	1,2,4-Trimethylbenzene	20	D
108-67-8	1,3,5-Trimethylbenzene	17	D
104-51-8	n-Butylbenzene	5	U
135-98-8	sec-Butylbenzene	3	DJ
98-06-6	tert-Butylbenzene	5	U
91-20-3	Naphthalene	14	D

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TPMW02 DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601507DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2150.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 5.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	96-14-0	3-METHYLPENTANE	3.63	44	JN
2.	96-37-7	METHYLCYCLOPENTANE	4.48	190	JN
3.		UNKNOWN	5.51	85	J
4.		UNSATURATED HYDROCARBON	5.56	90	J
5.		UNKNOWN	6.58	46	J
6.		ETHYLMETHYLBENZENE DER.	10.54	77	J
7.		TRIMETHYLBENZENE ISOMER	11.11	99	J
8.		AROMATIC DERIVATIVE	11.30	88	J
9.		AROMATIC DERIVATIVE	11.81	45	J
10.		UNKNOWN	12.47	55	J

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

TPMW04

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601508

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2144.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 10.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	100	U
74-83-9	Bromomethane	100	U
75-01-4	Vinyl chloride	100	U
75-00-3	Chloroethane	100	U
75-09-2	Methylene chloride	100	U
67-64-1	Acetone	40	J
75-15-0	Carbon Disulfide	100	U
75-35-4	1,1-Dichloroethene	100	U
75-34-3	1,1-Dichloroethane	100	U
67-66-3	Chloroform	100	U
107-06-2	1,2-Dichloroethane	100	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	100	U
56-23-5	Carbon Tetrachloride	100	U
75-27-4	Bromodichloromethane	100	U
78-87-5	1,2-Dichloropropane	100	U
10061-01-5	cis-1,3-Dichloropropene	100	U
79-01-6	Trichloroethene	100	U
124-48-1	Dibromochloromethane	100	U
79-00-5	1,1,2-Trichloroethane	100	U
71-43-2	Benzene	2500	E
10061-02-6	trans-1,3-Dichloropropene	100	U
75-25-2	Bromoform	100	U
108-10-1	4-Methyl-2-pentanone	100	U
591-78-6	2-Hexanone	100	U
127-18-4	Tetrachloroethene	100	U
108-88-3	Toluene	1700	E
79-34-5	1,1,2,2-Tetrachloroethane	100	U
108-90-7	Chlorobenzene	100	U
100-41-4	Ethylbenzene	720	
100-42-5	Styrene	100	U
1330-20-7	Total Xylenes	3000	E
75-71-8	Dichlorodifluoromethane	100	U
75-69-4	Trichlorofluoromethane	100	U

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

TPMW04

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601508

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2144.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 10.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	100	U
156-60-5	trans-1,2-Dichloroethene	100	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	100	U
156-59-2	cis-1,2-Dichloroethene	100	U
110-82-7	Cyclohexane	940	
108-87-2	Methylcyclohexane	860	
106-93-4	1,2-Dibromoethane	100	U
98-82-8	Isopropylbenzene	80	J
541-73-1	1,3-Dichlorobenzene	100	U
106-46-7	1,4-Dichlorobenzene	100	U
95-50-1	1,2-Dichlorobenzene	100	U
96-12-8	1,2-Dibromo-3-chloropropane	100	U
120-82-1	1,2,4-Trichlorobenzene	100	U
79-20-9	Methyl acetate	100	U
103-65-1	n-Propylbenzene	84	
99-87-6	p-Cymene	22	
95-63-6	1,2,4-Trimethylbenzene	910	
108-67-8	1,3,5-Trimethylbenzene	320	
104-51-8	n-Butylbenzene	10	U
135-98-8	sec-Butylbenzene	13	
98-06-6	tert-Butylbenzene	10	U
91-20-3	Naphthalene	180	

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TPMW04

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601508

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2144.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 10.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	78-78-4	2-METHYLBUTANE	2.17	340	JN
2.	109-66-0	PENTANE	2.44	510	JN
3.		UNSATURATED HYDROCARBON	3.44	370	J
4.	110-54-3	HEXANE	3.89	340	JN
5.	96-37-7	METHYLCYCLOPENTANE	4.48	820	JN
6.		UNKNOWN	5.51	410	J
7.		ETHYLMETHYLBENZENE DER.	10.25	1000	J
8.		ETHYLMETHYLBENZENE DER.	10.54	420	J
9.		TRIMETHYLBENZENE ISOMER	11.11	750	J
10.		UNKNOWN	11.30	470	J

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

TPMW04 DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601508DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2151.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 40.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	400	U
74-83-9	Bromomethane	400	U
75-01-4	Vinyl chloride	400	U
75-00-3	Chloroethane	400	U
75-09-2	Methylene chloride	61	DJ
67-64-1	Acetone	100	DJ
75-15-0	Carbon Disulfide	400	U
75-35-4	1,1-Dichloroethene	400	U
75-34-3	1,1-Dichloroethane	400	U
67-66-3	Chloroform	400	U
107-06-2	1,2-Dichloroethane	400	U
78-93-3	2-Butanone	400	U
71-55-6	1,1,1-Trichloroethane	400	U
56-23-5	Carbon Tetrachloride	400	U
75-27-4	Bromodichloromethane	400	U
78-87-5	1,2-Dichloropropane	400	U
10061-01-5	cis-1,3-Dichloropropene	400	U
79-01-6	Trichloroethene	400	U
124-48-1	Dibromochloromethane	400	U
79-00-5	1,1,2-Trichloroethane	400	U
71-43-2	Benzene	2500	D
10061-02-6	trans-1,3-Dichloropropene	400	U
75-25-2	Bromoform	400	U
108-10-1	4-Methyl-2-pentanone	400	U
591-78-6	2-Hexanone	400	U
127-18-4	Tetrachloroethene	400	U
108-88-3	Toluene	1800	D
79-34-5	1,1,2,2-Tetrachloroethane	400	U
108-90-7	Chlorobenzene	400	U
100-41-4	Ethylbenzene	700	D
100-42-5	Styrene	400	U
1330-20-7	Total Xylenes	3100	D
75-71-8	Dichlorodifluoromethane	400	U
75-69-4	Trichlorofluoromethane	400	U

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

TPMW04 DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601508DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2151.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 40.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	400	U
156-60-5	trans-1,2-Dichloroethene	400	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	400	U
156-59-2	cis-1,2-Dichloroethene	400	U
110-82-7	Cyclohexane	640	D
108-87-2	Methylcyclohexane	460	D
106-93-4	1,2-Dibromoethane	400	U
98-82-8	Isopropylbenzene	67	DJ
541-73-1	1,3-Dichlorobenzene	400	U
106-46-7	1,4-Dichlorobenzene	400	U
95-50-1	1,2-Dichlorobenzene	400	U
96-12-8	1,2-Dibromo-3-chloropropane	400	U
120-82-1	1,2,4-Trichlorobenzene	400	U
79-20-9	Methyl acetate	400	U
103-65-1	n-Propylbenzene	69	D
99-87-6	p-Cymene	17	DJ
95-63-6	1,2,4-Trimethylbenzene	860	D
108-67-8	1,3,5-Trimethylbenzene	290	D
104-51-8	n-Butylbenzene	40	U
135-98-8	sec-Butylbenzene	40	U
98-06-6	tert-Butylbenzene	40	U
91-20-3	Naphthalene	150	D

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TPMW04 DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601508DL

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2151.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 40.00

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

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	78-78-4	2-METHYLBUTANE	2.17	310	JN
2.	109-66-0	PENTANE	2.44	450	JN
3.		UNSATURATED HYDROCARBON	2.76	300	J
4.	110-54-3	HEXANE	3.90	270	JN
5.	96-37-7	METHYLCYCLOPENTANE	4.48	760	JN
6.		UNKNOWN	5.51	420	J
7.		ETHYLMETHYLBENZENE DER.	10.25	920	J
8.		ETHYLMETHYLBENZENE DER.	10.54	360	J
9.		TRIMETHYLBENZENE ISOMER	11.11	740	J
10.		UNKNOWN	11.30	400	J

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.: TPMW06

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601509

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2145.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	40	U
74-83-9	Bromomethane	40	U
75-01-4	Vinyl chloride	40	U
75-00-3	Chloroethane	40	U
75-09-2	Methylene chloride	2	J
67-64-1	Acetone	12	J
75-15-0	Carbon Disulfide	40	U
75-35-4	1,1-Dichloroethene	40	U
75-34-3	1,1-Dichloroethane	40	U
67-66-3	Chloroform	40	U
107-06-2	1,2-Dichloroethane	40	U
78-93-3	2-Butanone	40	U
71-55-6	1,1,1-Trichloroethane	40	U
56-23-5	Carbon Tetrachloride	40	U
75-27-4	Bromodichloromethane	40	U
78-87-5	1,2-Dichloropropane	40	U
10061-01-5	cis-1,3-Dichloropropene	40	U
79-01-6	Trichloroethene	40	U
124-48-1	Dibromochloromethane	40	U
79-00-5	1,1,2-Trichloroethane	40	U
71-43-2	Benzene	2	J
10061-02-6	trans-1,3-Dichloropropene	40	U
75-25-2	Bromoform	40	U
108-10-1	4-Methyl-2-pentanone	40	U
591-78-6	2-Hexanone	40	U
127-18-4	Tetrachloroethene	40	U
108-88-3	Toluene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	40	U
108-90-7	Chlorobenzene	40	U
100-41-4	Ethylbenzene	40	U
100-42-5	Styrene	40	U
1330-20-7	Total Xylenes	40	U
75-71-8	Dichlorodifluoromethane	40	U
75-69-4	Trichlorofluoromethane	40	U

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

TPMW06

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601509

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2145.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	40	U
156-60-5	trans-1,2-Dichloroethene	40	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	40	U
156-59-2	cis-1,2-Dichloroethene	40	U
110-82-7	Cyclohexane	49	
108-87-2	Methylcyclohexane	23	J
106-93-4	1,2-Dibromoethane	40	U
98-82-8	Isopropylbenzene	3	J
541-73-1	1,3-Dichlorobenzene	40	U
106-46-7	1,4-Dichlorobenzene	40	U
95-50-1	1,2-Dichlorobenzene	40	U
96-12-8	1,2-Dibromo-3-chloropropane	40	U
120-82-1	1,2,4-Trichlorobenzene	40	U
79-20-9	Methyl acetate	40	U
103-65-1	n-Propylbenzene	3	J
99-87-6	p-Cymene	4	U
95-63-6	1,2,4-Trimethylbenzene	8	
108-67-8	1,3,5-Trimethylbenzene	5	
104-51-8	n-Butylbenzene	4	U
135-98-8	sec-Butylbenzene	4	U
98-06-6	tert-Butylbenzene	4	U
91-20-3	Naphthalene	7	

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TPMW06

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601509

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2145.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.00

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

Number TICs found: 5

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 96-37-7	METHYLCYCLOPENTANE	4.49	36	JN
2.	ETHYLMETHYLBENZENE DER.	10.54	11	J
3.	AROMATIC DERIVATIVE	11.30	28	J
4.	AROMATIC DERIVATIVE	11.81	19	J
5.	UNKNOWN	12.47	21	J

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

TPMW08R

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601510

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2146.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	40	U
74-83-9	Bromomethane	40	U
75-01-4	Vinyl chloride	40	U
75-00-3	Chloroethane	40	U
75-09-2	Methylene chloride	2	J
67-64-1	Acetone	18	J
75-15-0	Carbon Disulfide	40	U
75-35-4	1,1-Dichloroethene	40	U
75-34-3	1,1-Dichloroethane	40	U
67-66-3	Chloroform	40	U
107-06-2	1,2-Dichloroethane	40	U
78-93-3	2-Butanone	40	U
71-55-6	1,1,1-Trichloroethane	40	U
56-23-5	Carbon Tetrachloride	40	U
75-27-4	Bromodichloromethane	40	U
78-87-5	1,2-Dichloropropane	40	U
10061-01-5	cis-1,3-Dichloropropene	40	U
79-01-6	Trichloroethene	40	U
124-48-1	Dibromochloromethane	40	U
79-00-5	1,1,2-Trichloroethane	40	U
71-43-2	Benzene	190	
10061-02-6	trans-1,3-Dichloropropene	40	U
75-25-2	Bromoform	40	U
108-10-1	4-Methyl-2-pentanone	40	U
591-78-6	2-Hexanone	40	U
127-18-4	Tetrachloroethene	40	U
108-88-3	Toluene	14	J
79-34-5	1,1,2,2-Tetrachloroethane	40	U
108-90-7	Chlorobenzene	40	U
100-41-4	Ethylbenzene	27	J
100-42-5	Styrene	40	U
1330-20-7	Total Xylenes	95	
75-71-8	Dichlorodifluoromethane	40	U
75-69-4	Trichlorofluoromethane	40	U

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

TPMW08R

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601510

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2146.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	40	U
156-60-5	trans-1,2-Dichloroethene	40	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	40	U
156-59-2	cis-1,2-Dichloroethene	40	U
110-82-7	Cyclohexane	50	
108-87-2	Methylcyclohexane	4	J
106-93-4	1,2-Dibromoethane	40	U
98-82-8	Isopropylbenzene	40	U
541-73-1	1,3-Dichlorobenzene	40	U
106-46-7	1,4-Dichlorobenzene	40	U
95-50-1	1,2-Dichlorobenzene	40	U
96-12-8	1,2-Dibromo-3-chloropropane	40	U
120-82-1	1,2,4-Trichlorobenzene	40	U
79-20-9	Methyl acetate	40	U
103-65-1	n-Propylbenzene	4	U
99-87-6	p-Cymene	4	U
95-63-6	1,2,4-Trimethylbenzene	3	J
108-67-8	1,3,5-Trimethylbenzene	4	U
104-51-8	n-Butylbenzene	4	U
135-98-8	sec-Butylbenzene	4	U
98-06-6	tert-Butylbenzene	4	U
91-20-3	Naphthalene	4	U

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TPMW08R

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601510

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2146.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 4.00

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

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	106-97-8	BUTANE	1.71	55	JN
2.	78-78-4	2-METHYLBUTANE	2.17	53	JN
3.	109-66-0	PENTANE	2.44	45	JN
4.		UNSATURATED HYDROCARBON	2.76	24	J
5.		UNSATURATED HYDROCARBON	3.34	10	J
6.	96-37-7	METHYLCYCLOPENTANE	4.49	56	JN
7.		UNSATURATED HYDROCARBON	5.51	15	J

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

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Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601511

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2147.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA ASP 2000 - METHOD 8260 VOLATILES
ANALYSIS DATA SHEET

Client No.

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Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601511

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2147.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U
103-65-1	n-Propylbenzene	1	U
99-87-6	p-Cymene	1	U
95-63-6	1,2,4-Trimethylbenzene	1	U
108-67-8	1,3,5-Trimethylbenzene	1	U
104-51-8	n-Butylbenzene	1	U
135-98-8	sec-Butylbenzene	1	U
98-06-6	tert-Butylbenzene	1	U
91-20-3	Naphthalene	1	U

EPA ASP 2000 - METHOD 8260 VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

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Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601511

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G2147.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: not dec. _____ Date Analyzed: 05/31/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 420-56-4	FLUOROTRIMETHYL SILANE	1.84	5	JN
2. 1066-40-6	TRIMETHYLSILANOL	4.62	3	JN

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

60/1960

Client No.

BCPMW01

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6654701

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: V15250.RR

Level: (low/med) LOW Date Samp/Recv: 06/08/2006 06/08/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/12/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/13/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	1	J
111-44-4	Bis(2-chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	5	J
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	0.5	J
111-91-1	Bis(2-chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	3	J
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	1	J
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	24	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

BCPMW01

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6654701

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: V15250.RR

Level: (low/med) LOW Date Samp/Recv: 06/08/2006 06/08/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/12/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/13/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	0.3	J
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	0.3	J
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethyl phthalate	10	U
86-73-7	Fluorene	0.4	J
7005-72-3	4-Chlorophenyl phenyl ether	10	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	1	J
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	0.6	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	1	BJ
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

BCPMW01

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6654701

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: V15250.RR

Level: (low/med) LOW Date Samp/Recv: 06/08/2006 06/08/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/12/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/13/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	10	U

LCS - ASP 2000 - SEMIVOLATILES - W
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCPMW01

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6654701

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: V15250.RR

Level: (low/med) LOW Date Samp/Recv: 06/08/2006 06/08/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/12/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/13/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

Number TICs found: 28 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	120-92-3	CYCLOPENTANONE	3.24	25	JN
2.		UNKNOWN	4.12	10	J
3.		UNKNOWN CYCLOPENTANONE DERIV	4.22	63	J
4.		UNKNOWN	4.64	6	J
5.		UNKNOWN	4.80	18	J
6.		UNKNOWN CYCLOPENTANONE DERIV	5.17	10	J
7.	930-68-7	2-CYLCOHEXEN-1-ONE	5.44	8	JN
8.	58372-16-0	3,4-DIMETHYLCYCLOPENTANONE	5.56	15	JN
9.		UNKNOWN	5.70	4	J
10.	10264-55-8	3-EHTYLCYLCOPENTANONE	5.82	10	JN
11.	2758-18-1	3-METHYL-2-2CYCLOPENTEN-1-ON	5.86	37	JN
12.		UNKNOWN BENZENE DERIVATIVE	5.95	17	J
13.		UNKNOWN	6.28	8	J
14.	30434-64-1	3,4-DIMETHYL-2-CYLCOPENTEN-1	6.58	15	JN
15.		UNKNOWN BENZENE DERIVATIVE	6.60	39	J
16.		UNKNOWN BENZENE DERIVATIVE	7.00	9	J
17.		UNKNOWN	7.52	20	J
18.		UNKNOWN BENZENE DERIVATIVE	7.66	4	J
19.		UNKNOWN BENZENE DERIVATIVE	7.70	4	J
20.		UNKNOWN	8.16	11	J
21.	103-82-2	BENZENEACETIC ACID	8.90	10	JN
22.	99-04-7	3-METHYL BENZOIC ACID	9.05	7	JN
23.		UNKNOWN	9.10	5	J

LCS - ASP 2000 - SEMIVOLATILES - W
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCPMW01

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6654701

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: V15250.RR

Level: (low/med) LOW Date Samp/Recv: 06/08/2006 06/08/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/12/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/13/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

Number TICs found: 28

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
24.	UNKNOWN	9.28	4	J
25. 501-52-0	BENZENEPROPANOIC ACID	9.70	17	JN
26. 492-37-5	.ALPHA.-METHYL-BENZENEACETIC	9.79	12	JN
27.	UNKNOWN	10.29	4	J
28. 2240-47-3	P,P,P-TRIPHENYL PHOSPHINE IM	15.78	12	JN

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

BCPMW02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601502

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V15126.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	9	U
108-95-2	Phenol	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	9	U
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
98-86-2	Acetophenone	0.3	J
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
105-60-2	Caprolactam	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-57-6	2-Methylnaphthalene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	9	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
606-20-2	2,6-Dinitrotoluene	9	U
208-96-8	Acenaphthylene	9	U
99-09-2	3-Nitroaniline	24	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

BCPMW02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601502

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V15126.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	9	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	9	U
121-14-2	2,4-Dinitrotoluene	9	U
84-66-2	Diethyl phthalate	1	J
86-73-7	Fluorene	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
1912-24-9	Atrazine	9	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	9	U
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	0.6	J
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	9	U
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	11	B
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

BCPMW02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601502

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V15126.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	9	U

LCS - ASP 2000 - SEMIVOLATILES - W
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCPMW02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601502

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V15126.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

Number TICs found: 5

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

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	12.87	2	J
2.		UNKNOWN	13.01	2	J
3.		UNKNOWN	13.52	3	J
4.	57-11-4	OCTADECANOIC ACID	14.59	3	JN
5.	43080-23-5	PENTADECYL ESTER 2-PROPENOIC	15.04	2	BJN

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

BCPMW02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601502RE

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: V15207.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/08/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/09/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	0.3	J
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	24	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

BCPMW02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601502RE

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: V15207.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/08/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/09/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	0.3	J
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethyl phthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	0.8	J
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	0.7	BJ
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

BCPMW02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601502RE

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: V15207.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/08/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/09/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	10	U

LCS - ASP 2000 - SEMIVOLATILES - W
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCPMW02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601502RE

Sample wt/vol: 1050.0 (g/mL) ML Lab File ID: V15207.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/08/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/09/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

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

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	13.45	4	J
2.		UNKNOWN ACID	14.53	5	J

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

BCPMW03

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601503

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: V15127.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	9	U
108-95-2	Phenol	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	9	U
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
98-86-2	Acetophenone	9	U
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
105-60-2	Caprolactam	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-57-6	2-Methylnaphthalene	0.3	J
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	9	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
606-20-2	2,6-Dinitrotoluene	9	U
208-96-8	Acenaphthylene	9	U
99-09-2	3-Nitroaniline	24	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

74/1960

Client No.

BCPMW03

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601503

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: V15127.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	9	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	0.3	J
121-14-2	2,4-Dinitrotoluene	9	U
84-66-2	Diethyl phthalate	0.5	J
86-73-7	Fluorene	0.3	J
7005-72-3	4-Chlorophenyl phenyl ether	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
1912-24-9	Atrazine	9	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	1	J
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	9	U
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	0.3	J
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	20	B
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

BCPMW03

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601503

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: V15127.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	9	U

LCS - ASP 2000 - SEMIVOLATILES - W
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCPMW03

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601503

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: V15127.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

Number TICs found: 7

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	12.87	2	J
2.	UNKNOWN	13.01	2	J
3.	UNKNOWN	13.52	3	J
4.	UNKNOWN	13.55	2	J
5.	UNKNOWN ALKANE	14.33	2	J
6. 57-11-4	OCTADECANOIC ACID	14.59	8	JN
7. 43080-23-5	PENTADECYL ESTER 2-PROPENOIC	15.04	5	BJN

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

77/1960

Client No.

BCPMW03

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601503RE

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V15208.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/08/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/09/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	9	U
108-95-2	Phenol	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	9	U
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
98-86-2	Acetophenone	0.4	J
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
105-60-2	Caprolactam	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-57-6	2-Methylnaphthalene	0.4	J
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	9	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
606-20-2	2,6-Dinitrotoluene	9	U
208-96-8	Acenaphthylene	9	U
99-09-2	3-Nitroaniline	24	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

78/1960

Client No.

BCPMW03

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601503RE

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V15208.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/08/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/09/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	9	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	0.4	J
121-14-2	2,4-Dinitrotoluene	9	U
84-66-2	Diethyl phthalate	9	U
86-73-7	Fluorene	0.3	J
7005-72-3	4-Chlorophenyl phenyl ether	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
1912-24-9	Atrazine	9	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	9	U
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	9	U
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	9	U
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	3	BJ
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

BCPMW03

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601503RE

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V15208.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/08/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/09/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	9	U

LCS - ASP 2000 - SEMIVOLATILES - W
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCPMW03

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601503RE

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V15208.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/08/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/09/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

Number TICs found: 8 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	108-29-2	DIHYDRO-5-METHYL-2(3H)-FURAN	5.73	2	JN
2.		UNKNOWN	12.72	2	J
3.		UNKNOWN	12.80	3	J
4.		UNKNOWN	12.94	3	J
5.		UNKNOWN	13.41	2	J
6.		UNKNOWN	13.46	4	J
7.		UNKNOWN	13.49	2	J
8.	57-10-3	N-HEXADECANOIC ACID	13.75	6	JN

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

81/1960

Client No.

DUPLICATE 02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601505

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: V15129.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	9	U
108-95-2	Phenol	1	J
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	9	U
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
98-86-2	Acetophenone	9	U
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
105-60-2	Caprolactam	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-57-6	2-Methylnaphthalene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	9	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
606-20-2	2,6-Dinitrotoluene	9	U
208-96-8	Acenaphthylene	9	U
99-09-2	3-Nitroaniline	24	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

82/1960

Client No.

DUPLICATE 02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601505

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: V15129.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	9	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	9	U
121-14-2	2,4-Dinitrotoluene	9	U
84-66-2	Diethyl phthalate	9	U
86-73-7	Fluorene	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
1912-24-9	Atrazine	9	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	0.4	J
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	0.6	J
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	9	U
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	16	B
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

DUPLICATE 02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601505

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: V15129.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	9	U

LCS - ASP 2000 - SEMIVOLATILES - W
TENTATIVELY IDENTIFIED COMPOUNDS

84/1960

Client No.

DUPLICATE 02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601505

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: V15129.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/31/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/03/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	57-11-4	OCTADECANOIC ACID	14.59	7	JN
2.	43080-23-5	PENTADECYL ESTER 2-PROPENOIC	15.04	2	BJN
3.		UNKNOWN ACID	16.33	3	J

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

DUPLICATE 02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601505RE

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V15209.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/08/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/09/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	9	U
108-95-2	Phenol	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	9	U
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
98-86-2	Acetophenone	0.4	J
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
105-60-2	Caprolactam	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-57-6	2-Methylnaphthalene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	9	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
606-20-2	2,6-Dinitrotoluene	9	U
208-96-8	Acenaphthylene	9	U
99-09-2	3-Nitroaniline	24	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

86/1960

Client No.

DUPLICATE 02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601505RE

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V15209.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/08/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/09/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	9	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	0.3	J
121-14-2	2,4-Dinitrotoluene	9	U
84-66-2	Diethyl phthalate	9	U
86-73-7	Fluorene	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
1912-24-9	Atrazine	9	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	9	U
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	0.9	J
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	9	U
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	5	BJ
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

87/1960

Client No.

DUPLICATE 02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601505RE

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V15209.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/08/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/09/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	9	U

LCS - ASP 2000 - SEMIVOLATILES - W
TENTATIVELY IDENTIFIED COMPOUNDS

88/1960

Client No.

DUPLICATE 02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6601505RE

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V15209.RR

Level: (low/med) LOW Date Samp/Recv: 05/26/2006 05/26/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/08/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/09/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

Number TICs found: 9 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	6.14	3	J
2.	UNKNOWN	12.72	3	J
3.	UNKNOWN	12.80	4	J
4.	UNKNOWN	12.94	3	J
5.	UNKNOWN	13.42	3	J
6.	UNKNOWN	13.45	4	J
7.	UNKNOWN	13.49	2	J
8.	UNKNOWN ACID	14.54	4	J
9. 791-28-6	TRIPHENYLPHOSPHINE OXIDE	15.80	4	BJN

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

89/1960

Client No.

EQUIP BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6654702

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: V15253.RR

Level: (low/med) LOW Date Samp/Recv: 06/08/2006 06/08/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/12/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/13/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	9	U
108-95-2	Phenol	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	9	U
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
98-86-2	Acetophenone	9	U
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
105-60-2	Caprolactam	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-57-6	2-Methylnaphthalene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	9	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
606-20-2	2,6-Dinitrotoluene	9	U
208-96-8	Acenaphthylene	9	U
99-09-2	3-Nitroaniline	24	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

90/1960

Client No.

EQUIP BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6654702

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: V15253.RR

Level: (low/med) LOW Date Samp/Recv: 06/08/2006 06/08/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/12/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/13/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	9	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	0.3	J
132-64-9	Dibenzofuran	9	U
121-14-2	2,4-Dinitrotoluene	9	U
84-66-2	Diethyl phthalate	9	U
86-73-7	Fluorene	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
1912-24-9	Atrazine	9	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	9	U
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	9	U
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	9	U
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	6	BJ
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

91/1960

Client No.

EQUIP BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6654702

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: V15253.RR

Level: (low/med) LOW Date Samp/Recv: 06/08/2006 06/08/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/12/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/13/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	9	U

LCS - ASP 2000 - SEMIVOLATILES - W
TENTATIVELY IDENTIFIED COMPOUNDS

92/1960

Client No.

EQUIP BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6654702

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: V15253.RR

Level: (low/med) LOW Date Samp/Recv: 06/08/2006 06/08/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 06/12/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/13/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	11.47	2	J
2. 2240-47-3	P,P,P-TRIPHENYL PHOSPHINE IM	15.77	21	JN

LCS - ASP 2000- PESTICIDES/AROCLORS - W
ANALYSIS DATA SHEET

Client No.

BCPMW01

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6015

Matrix: (soil/water) WATER Lab Sample ID: A6601501

Sample wt/vol: 990.00 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 05/26/2006 05/26/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 05/30/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/31/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.085	
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.031	J
309-00-2	Aldrin	0.025	JP
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.11	P
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan Sulfate	0.10	U
50-29-3	4,4'-DDT	0.052	JP
72-43-5	Methoxychlor	0.011	JP
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	2.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

LCS - ASP 2000- PESTICIDES/AROCLORS - W
ANALYSIS DATA SHEET

Client No.

BCPMW02

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6015

Matrix: (soil/water) WATER Lab Sample ID: A6601502

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 05/26/2006 05/26/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 05/30/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/01/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.047	U
319-85-7	beta-BHC	0.13	
319-86-8	delta-BHC	0.047	U
58-89-9	gamma-BHC (Lindane)	0.047	U
76-44-8	Heptachlor	0.046	J
309-00-2	Aldrin	0.044	JP
1024-57-3	Heptachlor epoxide	0.14	P
959-98-8	Endosulfan I	0.047	U
60-57-1	Dieldrin	0.021	JP
72-55-9	4,4'-DDE	0.19	P
72-20-8	Endrin	0.094	U
33213-65-9	Endosulfan II	0.094	U
72-54-8	4,4'-DDD	0.094	U
1031-07-8	Endosulfan Sulfate	0.094	U
50-29-3	4,4'-DDT	0.16	P
72-43-5	Methoxychlor	0.37	JP
53494-70-5	Endrin ketone	0.094	U
7421-93-4	Endrin aldehyde	0.14	P
5103-71-9	alpha-Chlordane	0.027	J
5103-74-2	gamma-Chlordane	0.080	P
8001-35-2	Toxaphene	4.7	U
12674-11-2	Aroclor 1016	0.94	U
11104-28-2	Aroclor 1221	1.9	U
11141-16-5	Aroclor 1232	0.94	U
53469-21-9	Aroclor 1242	0.94	U
12672-29-6	Aroclor 1248	0.94	U
11097-69-1	Aroclor 1254	0.94	U
11096-82-5	Aroclor 1260	0.94	U

LCS - ASP 2000- PESTICIDES/AROCLORS - W
ANALYSIS DATA SHEET

Client No.: BCPMW03

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6015

Matrix: (soil/water) WATER Lab Sample ID: A6601503

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 05/26/2006 05/26/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 05/30/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/01/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.048	U
319-85-7	beta-BHC	0.15	
319-86-8	delta-BHC	0.048	U
58-89-9	gamma-BHC (Lindane)	0.048	U
76-44-8	Heptachlor	0.053	
309-00-2	Aldrin	0.046	JP
1024-57-3	Heptachlor epoxide	0.19	P
959-98-8	Endosulfan I	0.048	U
60-57-1	Dieldrin	0.055	JP
72-55-9	4,4'-DDE	0.23	P
72-20-8	Endrin	0.062	JP
33213-65-9	Endosulfan II	0.095	U
72-54-8	4,4'-DDD	0.095	U
1031-07-8	Endosulfan Sulfate	0.012	JP
50-29-3	4,4'-DDT	0.092	JP
72-43-5	Methoxychlor	0.0096	JP
53494-70-5	Endrin ketone	0.095	U
7421-93-4	Endrin aldehyde	0.095	U
5103-71-9	alpha-Chlordane	0.048	U
5103-74-2	gamma-Chlordane	0.088	
8001-35-2	Toxaphene	4.8	U
12674-11-2	Aroclor 1016	0.95	U
11104-28-2	Aroclor 1221	1.9	U
11141-16-5	Aroclor 1232	0.95	U
53469-21-9	Aroclor 1242	0.95	U
12672-29-6	Aroclor 1248	0.95	U
11097-69-1	Aroclor 1254	0.95	U
11096-82-5	Aroclor 1260	0.95	U

LCS - ASP 2000- PESTICIDES/AROCLORS - W
ANALYSIS DATA SHEET

Client No.

DUPLICATE 02

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6015

Matrix: (soil/water) WATER Lab Sample ID: A6601505

Sample wt/vol: 1060.00 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 05/26/2006 05/26/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 05/30/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/01/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.047	U
319-85-7	beta-BHC	0.14	
319-86-8	delta-BHC	0.047	U
58-89-9	gamma-BHC (Lindane)	0.047	U
76-44-8	Heptachlor	0.054	
309-00-2	Aldrin	0.061	P
1024-57-3	Heptachlor epoxide	0.15	P
959-98-8	Endosulfan I	0.047	U
60-57-1	Dieldrin	0.047	JP
72-55-9	4,4'-DDE	0.21	P
72-20-8	Endrin	0.094	U
33213-65-9	Endosulfan II	0.094	U
72-54-8	4,4'-DDD	0.094	U
1031-07-8	Endosulfan Sulfate	0.033	JP
50-29-3	4,4'-DDT	0.18	
72-43-5	Methoxychlor	0.43	JP
53494-70-5	Endrin ketone	0.032	JP
7421-93-4	Endrin aldehyde	0.15	
5103-71-9	alpha-Chlordane	0.028	J
5103-74-2	gamma-Chlordane	0.090	P
8001-35-2	Toxaphene	4.7	U
12674-11-2	Aroclor 1016	0.94	U
11104-28-2	Aroclor 1221	1.9	U
11141-16-5	Aroclor 1232	0.94	U
53469-21-9	Aroclor 1242	0.94	U
12672-29-6	Aroclor 1248	0.94	U
11097-69-1	Aroclor 1254	0.94	U
11096-82-5	Aroclor 1260	0.94	U

LCS - ASP 2000- PESTICIDES/AROCLORS - W
ANALYSIS DATA SHEET

Client No.

EQUIPMENT BLANK 02

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6015

Matrix: (soil/water) WATER Lab Sample ID: A6601504

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 05/26/2006 05/26/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 05/30/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/01/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4'-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4'-DDD	0.10	U
1031-07-8	Endosulfan Sulfate	0.10	U
50-29-3	4,4'-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U
12674-11-2	Aroclor 1016	1.0	U
11104-28-2	Aroclor 1221	2.0	U
11141-16-5	Aroclor 1232	1.0	U
53469-21-9	Aroclor 1242	1.0	U
12672-29-6	Aroclor 1248	1.0	U
11097-69-1	Aroclor 1254	1.0	U
11096-82-5	Aroclor 1260	1.0	U

STL BUFFALO

Lender Consulting Services. Inc.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BCPMW01

Contract: NY03-365

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-6015

Matrix (soil/water): WATER Lab Sample ID: AD630525

Level (low/med): LOW Date Received: 5/26/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1190			P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	3.2	U		P
7440-39-3	Barium	576			P
7440-41-7	Beryllium	0.54	B		P
7440-43-9	Cadmium	0.34	U		P
7440-70-2	Calcium	146000			P
7440-47-3	Chromium	0.87	B		P
7440-48-4	Cobalt	1.3	B		P
7440-50-8	Copper	2.2	B		P
7439-89-6	Iron	10200			P
7439-92-1	Lead	1.6	U	N	P
7439-95-4	Magnesium	19600			P
7439-96-5	Manganese	1630		N	P
7440-02-0	Nickel	3.8	B		P
7440-09-7	Potassium	15400		E	P
7782-49-2	Selenium	5.7	U		P
7439-97-6	Mercury	0.043	U		CV
7440-22-4	Silver	0.95	U		P
7440-23-5	Sodium	550000			P
7440-28-0	Thallium	4.6	U		P
7440-62-2	Vanadium	3.3	B		P
7440-66-6	Zinc	6.0	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Lender Consulting Services. Inc.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BCPMW02

Contract: NY03-365

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-6015

Matrix (soil/water): WATER Lab Sample ID: AD630529

Level (low/med): LOW Date Received: 5/26/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	141	B		P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	3.2	U		P
7440-39-3	Barium	52.8	B		P
7440-41-7	Beryllium	0.30	B		P
7440-43-9	Cadmium	0.34	U		P
7440-70-2	Calcium	233000			P
7440-47-3	Chromium	0.38	U		P
7440-48-4	Cobalt	3.2	B		P
7440-50-8	Copper	3.5	B		P
7439-89-6	Iron	136			P
7439-92-1	Lead	1.6	U	N	P
7439-95-4	Magnesium	47200			P
7439-96-5	Manganese	1110		N	P
7440-02-0	Nickel	7.5	B		P
7440-09-7	Potassium	40300		E	P
7782-49-2	Selenium	5.7	U		P
7439-97-6	Mercury	0.043	U		CV
7440-22-4	Silver	0.95	U		P
7440-23-5	Sodium	70900			P
7440-28-0	Thallium	4.6	U		P
7440-62-2	Vanadium	1.1	B		P
7440-66-6	Zinc	5.7	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Lender Consulting Services, Inc.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BCPMW03

Contract: NY03-365

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-6015

Matrix (soil/water): WATER Lab Sample ID: AD630530

Level (low/med): LOW Date Received: 5/26/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	452			P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	3.2	U		P
7440-39-3	Barium	688			P
7440-41-7	Beryllium	0.43	B		P
7440-43-9	Cadmium	0.34	U		P
7440-70-2	Calcium	193000			P
7440-47-3	Chromium	0.38	U		P
7440-48-4	Cobalt	1.8	B		P
7440-50-8	Copper	2.3	B		P
7439-89-6	Iron	11300			P
7439-92-1	Lead	1.6	U	N	P
7439-95-4	Magnesium	56400			P
7439-96-5	Manganese	691		N	P
7440-02-0	Nickel	5.0	B		P
7440-09-7	Potassium	46700		E	P
7782-49-2	Selenium	5.7	U		P
7439-97-6	Mercury	0.043	U		CV
7440-22-4	Silver	0.95	U		P
7440-23-5	Sodium	87300			P
7440-28-0	Thallium	4.6	U		P
7440-62-2	Vanadium	1.8	B		P
7440-66-6	Zinc	11.1	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Lender Consulting Services. Inc.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

DUPLICATE 02

Contract: NY03-365

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-6015

Matrix (soil/water): WATER Lab Sample ID: AD630532

Level (low/med): LOW Date Received: 5/26/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	191	B		P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	3.2	U		P
7440-39-3	Barium	51.2	B		P
7440-41-7	Beryllium	0.29	B		P
7440-43-9	Cadmium	0.34	U		P
7440-70-2	Calcium	228000			P
7440-47-3	Chromium	0.38	U		P
7440-48-4	Cobalt	3.6	B		P
7440-50-8	Copper	4.6	B		P
7439-89-6	Iron	174			P
7439-92-1	Lead	1.6	U	N	P
7439-95-4	Magnesium	46600			P
7439-96-5	Manganese	1060		N	P
7440-02-0	Nickel	6.2	B		P
7440-09-7	Potassium	40000		E	P
7782-49-2	Selenium	5.7	U		P
7439-97-6	Mercury	0.043	U		CV
7440-22-4	Silver	0.95	U		P
7440-23-5	Sodium	69300			P
7440-28-0	Thallium	4.6	U		P
7440-62-2	Vanadium	1.3	B		P
7440-66-6	Zinc	6.1	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

STL BUFFALO

Lender Consulting Services, Inc.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

EQUIPMENT BLANK 02

Contract: NY03-365

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-6015

Matrix (soil/water): WATER Lab Sample ID: AD630531

Level (low/med): LOW Date Received: 5/26/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	29.0	U		P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	3.2	U		P
7440-39-3	Barium	0.31	B		P
7440-41-7	Beryllium	0.26	U		P
7440-43-9	Cadmium	0.34	U		P
7440-70-2	Calcium	50.6	B		P
7440-47-3	Chromium	0.38	U		P
7440-48-4	Cobalt	0.51	U		P
7440-50-8	Copper	1.4	B		P
7439-89-6	Iron	18.0	U		P
7439-92-1	Lead	1.6	U	N	P
7439-95-4	Magnesium	19.0	U		P
7439-96-5	Manganese	0.13	U	N	P
7440-02-0	Nickel	0.96	B		P
7440-09-7	Potassium	23.0	U	E	P
7782-49-2	Selenium	5.7	U		P
7439-97-6	Mercury	0.043	U		CV
7440-22-4	Silver	0.95	U		P
7440-23-5	Sodium	150	U		P
7440-28-0	Thallium	4.6	U		P
7440-62-2	Vanadium	0.50	U		P
7440-66-6	Zinc	1.5	U		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Wet Chemistry Analysis

Client Sample No.: BCPMW01

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6015

Matrix (soil/water): WATER Lab Sample ID: A6601501

% Solids: 0.0 Date Samp/Recv: 05/26/2006 05/26/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/L	0.010	U			CLP-WC	06/06/2006

Comments:

Wet Chemistry Analysis

Client Sample No.: BCPMW02

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6015

Matrix (soil/water): WATER Lab Sample ID: A6601502

% Solids: 0.0 Date Samp/Recv: 05/26/2006 05/26/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/L	0.010	U			CLP-WC	06/06/2006

Comments:

Wet Chemistry Analysis

Client Sample No.: BCPMW03

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6015

Matrix (soil/water): WATER Lab Sample ID: A6601503

% Solids: 0.0 Date Samp/Recv: 05/26/2006 05/26/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/L	0.010	U			CLP-WC	06/02/2006

Comments:

Wet Chemistry Analysis

Client Sample No.: DUPLICATE 02

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6015

Matrix (soil/water): WATER Lab Sample ID: A6601505

% Solids: 0.0 Date Samp/Recv: 05/26/2006 05/26/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/L	0.010	U			CLP-WC	06/06/2006

Comments:

Wet Chemistry Analysis

Client Sample No.: EQUIPMENT BLANK 02

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 6015

Matrix (soil/water): WATER Lab Sample ID: A6601504

% Solids: 0.0 Date Samp/Recv: 05/26/2006 05/26/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/L	0.010	U			CLP-WC	06/02/2006

Comments:

ANALYTICAL REPORT

Job#: A06-5237

STL Project#: NY4A9214
Site Name: LCS, INC.
Task: LCS, Inc., Seventh Street Site, 05B341.26

Mr. Douglas Reid
LCS, Inc.
PO Box 406
Buffalo, NY 14202

STL Buffalo

Paul R. Morrow
Project Manager

06/15/2006

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6523701	BCP BH01 S06	SOIL	05/09/2006	12:20	05/10/2006	11:25
A6523702	BCP BH02 S02	SOIL	05/09/2006	15:00	05/10/2006	11:25
A6523702MS	BCP BH02 S02	SOIL	05/09/2006	15:00	05/10/2006	11:25
A6523702SD	BCP BH02 S02	SOIL	05/09/2006	15:00	05/10/2006	11:25
A6523703	BCP BH03 S09	SOIL	05/09/2006	16:30	05/10/2006	11:25
A6523704	BCP BH04 S07	SOIL	05/09/2006	17:30	05/10/2006	11:25
A6523706	DUPLICATE 1	SOIL	05/09/2006		05/10/2006	11:25
A6523705	EQUIPMENT BLANK	WATER	05/09/2006	09:30	05/10/2006	11:25

METHODS SUMMARY

Job#: A06-5237

STL Project#: NY4A9214
Site Name: LCS, INC.

PARAMETER	ANALYTICAL METHOD	
ASP 2000 - TCL PLUS STARS AS TICS VOLATILES	ASP00	EPA VOA
EPA ASP 2000 - VOLATILES	ASP00	EPA VOA
LCS - ASP 2000 - SEMIVOLATILES - W	ASP00	EPA SVOA
LCS - ASP 2000- SEMIVOLATILES - S	ASP00	EPA SVOA
LCS - ASP 2000 - PESTICIDES/AROCLORS - S	ASP00	EPA P/PCB
LCS - ASP 2000- PESTICIDES/AROCLORS - W	ASP00	EPA P/PCB
Aluminum - Total	ASP00	CLP-M
Antimony - Total	ASP00	CLP-M
Arsenic - Total	ASP00	CLP-M
Barium - Total	ASP00	CLP-M
Beryllium - Total	ASP00	CLP-M
Cadmium - Total	ASP00	CLP-M
Calcium - Total	ASP00	CLP-M
Chromium - Total	ASP00	CLP-M
Cobalt - Total	ASP00	CLP-M
Copper - Total	ASP00	CLP-M
Iron - Total	ASP00	CLP-M
Lead - Total	ASP00	CLP-M
Magnesium - Total	ASP00	CLP-M
Manganese - Total	ASP00	CLP-M
Mercury - Total	ASP00	CLP-M
Nickel - Total	ASP00	CLP-M
Potassium - Total	ASP00	CLP-M
Selenium - Total	ASP00	CLP-M
Silver - Total	ASP00	CLP-M
Sodium - Total	ASP00	CLP-M
Thallium - Total	ASP00	CLP-M
Vanadium - Total	ASP00	CLP-M
Zinc - Total	ASP00	CLP-M
Cyanide - Total	ASP00	CLP-WC
Leachable pH	ASP00	9045

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

NON-CONFORMANCE SUMMARY

Job#: A06-5237

STL 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

A06-5237
Sample Cooler(s) were received at the following temperature(s); 2@2.0 °C
Strict internal chain of custody required.

GC/MS Volatile Data

The analyte Methylene chloride was detected in the water Method Blank VBLK66 (A6B1936204) at a level below the project established reporting limit. All positive results associated with this method blank have been qualified "B". No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analyte Methylene chloride was detected in the Volatile Holding Blank at a level below the project established reporting limit.

Due to an error in analysis protocol, compounds 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, n-Butylbenzene, n-Propylbenzene, Naphthalene, p-Cymene, sec-Butylbenzene, and tert-Butylbenzene have been analyzed as tentatively identified compounds (TIC's) in all samples and method blanks. The samples and method blanks were searched for the afore mentioned compounds and if a spectral match was detected, ion chromatograms were included after each samples TIC summary page. When detected the analyte was flagged with a "V" qualifier signifing an estimated value. When undetected the analytes were flagged with a "W" qualifier.

Due to an error in analysis protocol, compounds 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, n-Butylbenzene, n-Propylbenzene, Naphthalene, p-Cymene, sec-Butylbenzene, and tert-Butylbenzene have been analyzed as tentatively identified compounds (TIC's) in all samples and method blanks. A continuing calibration (file Q2180) showing retention times and spectra of the afore mentioned compounds has been included in the standards section of the data package.

The water samples EQUIPMENT BLANK and VHB were preserved to a pH less than 2.

Samples BCP BH01 S05 and DUPLICATE 1 were analyzed using medium level techniques due to high concentrations of target analytes.

GC/MS Semivolatile Data

The surrogate recovery for Phenol-D5 was below 10 percent in the sample EQUIPMENT BLANK and in MSBD37 (A6B1904602), requiring reextraction. The sample was re-extracted outside of extraction hold time and re-analyzed. Both sets of data were reported. The sample EQUIPMENT BLANK also exhibited the recovery of surrogate 2-Fluorobiphenyl as above method defined quality control limits.

The analytes Bis(2-ethylhexyl) phthalate and Di-n-butyl phthalate were detected in Method Blank SBLK37 (A6B1904603) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analyte Di-n-butyl phthalate was detected in Method Blank SBLK46 (A6B1988903) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analyte Bis(2-ethylhexyl) phthalate was detected in Method Blank SBLK47 (A6B1928702) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analyte Bis(2-ethylhexyl) phthalate was detected in Method Blank SBLK46 (A6B1988903) at a level above the project established reporting limit. The ASP00 protocol allows this analyte to exceed reporting limits in the Method Blank, but can not exceed five time the reporting limit. Therefore, no corrective action was necessary.

The spike recovery for the analyte 4-Nitrophenol was above the method defined quality control limits in MSB37 (A6B1904601). The spike recovery for the analytes 4-Nitrophenol and 2,4-Dinitrotoluene in MSBD37 (A6B1904602) was above method defined quality control limits. Also the %RPD for the analyte Pyrene exceeded quality control limits. Since the results were biased high and the analytes were not detected in the samples, no corrective action was performed.

The spike recovery for the analytes 4-Nitrophenol and 2,4-Dinitrotoluene were above the method defined quality control limits in MSB46 (A6B1988901). The spike recovery for the analytes 4-Chloro-3-methylphenol, 4-Nitrophenol and 2,4-Dinitrotoluene were above the method defined quality control limits in MSBD46 (A6B1988902). Since the results were biased high and the analytes were not detected in the samples, no corrective action was performed.

The spike recovery of the analyte Nitroso-Di-n-propylamine fell below the method defined quality control limits in MSB46 (A6B1988901), requiring reextraction. The Relative Percent Difference (RPD) between MSB46 and MSBD46 exceeded quality control limits for the analyte Nitroso-Di-n-propylamine. Insufficient volume to reextract the associated sample. The effected sample is EQUIPMENT BLANK RE.

The spike recovery for the analyte 2,4-Dinitrotoluene was above the method defined quality control limits in MSB47 (A6B1928701). Since the results were biased high and the analyte was not detected in the samples, no corrective action was performed.

The spike recovery for the analyte 2,4-Dinitrotoluene was above the method defined quality control limits in the Matrix Spike of sample BCP BH02 S02.
The spike recovery for the analytes 4-Nitrophenol and 2,4-Dinitrotoluene were above method defined quality control limits in the Matrix Spike Duplicate of sample BCP BH02 S02. Since the results were biased high and the analytes were not detected in the samples, no corrective action was performed.

GC Extractable Data

For method CLP Pesticide/PCB analysis, the recovery of surrogate Decachlorobiphenyl in the water Matrix Spike Blank, MSB01, is outside of established quality control limits. The recovery of surrogate Tetrachloro-m-xylene on both columns for this quality control sample is within acceptable quality control criteria therefore no additional corrective action was required.

For Method CLP Pesticide/PCB, the recovery of 4,4'-DDT in the soil sample Matrix Spike/Matrix Spike Duplicate performed on sample BCP BH02 S02 is outside quality control limits. The associated Matrix Spike Blank recoveries are compliant, therefore no further corrective action was necessary.

Metals Data

The recoveries of sample BCP BH02 S02 Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Antimony and Manganese. The RPD of sample BCP BH02 S02 Matrix Spike and Matrix Spike Duplicate exceeded the quality control limits for Antimony and Manganese. Sample matrix is suspect. However, the LCS was acceptable.

The recoveries of sample BCP BH02 S02 Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Lead. The sample result is more than four times greater than the spike added. The LCS was acceptable.

The recovery of sample BCP BH02 S02 Post Spike exhibited a result below the quality control limit for Manganese. However, the LCS was acceptable.

The RPD of sample BCP BH02 S02 and the Matrix Duplicate exceeded quality control limits for Calcium, Copper, Lead, Manganese, and Nickel. However, the LCS was acceptable.

Wet Chemistry Data

The recovery of sample BCP BH02 S02 Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Total Cyanide. However, the LCS was acceptable.

****

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 hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Paul K. Morrow
Project Manager

6/15/06
Date

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.
*	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.

ASP 2000 - TCL PLUS STARS AS TICS VOLATILES
ANALYSIS DATA SHEET

Client No.

BCP BH01 S06

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523701

Sample wt/vol: 4.14 (g/mL) G Lab File ID: Q2214.RR

Level: (low/med) MED Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. 29 Heated Purge: N Date Analyzed: 05/17/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1600	U
74-83-9	Bromomethane	1600	U
75-01-4	Vinyl chloride	1600	U
75-00-3	Chloroethane	1600	U
75-09-2	Methylene chloride	1600	U
67-64-1	Acetone	1600	U
75-15-0	Carbon Disulfide	1600	U
75-35-4	1,1-Dichloroethene	1600	U
75-34-3	1,1-Dichloroethane	1600	U
67-66-3	Chloroform	1600	U
107-06-2	1,2-Dichloroethane	1600	U
78-93-3	2-Butanone	1600	U
71-55-6	1,1,1-Trichloroethane	1600	U
56-23-5	Carbon Tetrachloride	1600	U
75-27-4	Bromodichloromethane	1600	U
78-87-5	1,2-Dichloropropane	1600	U
10061-01-5	cis-1,3-Dichloropropene	1600	U
79-01-6	Trichloroethene	1600	U
124-48-1	Dibromochloromethane	1600	U
79-00-5	1,1,2-Trichloroethane	1600	U
71-43-2	Benzene	1600	U
10061-02-6	trans-1,3-Dichloropropene	1600	U
75-25-2	Bromoform	1600	U
108-10-1	4-Methyl-2-pentanone	1600	U
591-78-6	2-Hexanone	1600	U
127-18-4	Tetrachloroethene	1600	U
108-88-3	Toluene	1600	U
79-34-5	1,1,2,2-Tetrachloroethane	1600	U
108-90-7	Chlorobenzene	1600	U
100-41-4	Ethylbenzene	1000	J
100-42-5	Styrene	1600	U
1330-20-7	Total Xylenes	4700	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1600	U
156-59-2	cis-1,2-Dichloroethene	1600	U

ASP 2000 - TCL PLUS STARS AS TICS VOLATILES
ANALYSIS DATA SHEET

Client No.

BCP BH01 S06

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523701

Sample wt/vol: 4.14 (g/mL) G Lab File ID: Q2214.RR

Level: (low/med) MED Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. 29 Heated Purge: N Date Analyzed: 05/17/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	1600	U
75-71-8	Dichlorodifluoromethane	1600	U
75-69-4	Trichlorofluoromethane	1600	U
79-20-9	Methyl acetate	1600	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1600	U
110-82-7	Cyclohexane	4400	
108-87-2	Methylcyclohexane	9900	
106-93-4	1,2-Dibromoethane	1600	U
98-82-8	Isopropylbenzene	450	J
541-73-1	1,3-Dichlorobenzene	1600	U
106-46-7	1,4-Dichlorobenzene	1600	U
95-50-1	1,2-Dichlorobenzene	1600	U
96-12-8	1,2-Dibromo-3-chloropropane	1600	U
120-82-1	1,2,4-Trichlorobenzene	1600	U
95-63-6	1,2,4-Trimethylbenzene (TIC)	7900	V
108-67-8	1,3,5-Trimethylbenzene (TIC)	1600	W
104-51-8	n-Butylbenzene (TIC)	1600	W
103-65-1	n-Propylbenzene (TIC)	1100	V
91-20-3	Naphthalene (TIC)	1600	W
99-87-6	p-Cymene (TIC)	330	V
135-98-8	sec-Butylbenzene (TIC)	1600	W
98-06-6	tert-Butylbenzene (TIC)	1600	W

ASP 2000 - TCL PLUS STARS AS TICS VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCP BH01 S06

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523701

Sample wt/vol: 4.14 (g/mL) G Lab File ID: Q2214.RR

Level: (low/med) MED Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. 28.6 Date Analyzed: 05/17/2006

GC Column: DB-624 ID: 0.53 (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.	109-66-0	PENTANE	2.43	3200	JN
2.		METHYLPENTANE DERIVATIVE	3.30	7100	J
3.	96-14-0	3-METHYL PENTANE	3.53	4200	JN
4.		UNKNOWN ALKANE	3.77	10000	J
5.	96-37-7	METHYL CYCLOPENTANE	4.32	11000	JN
6.	591-76-4	2-METHYL HEXANE	4.83	3100	JN
7.	589-34-4	3-METHYL HEXANE	4.98	4200	JN
8.		UNKNOWN ALKANE	5.36	3100	J
9.	620-14-4	1-ETHYL-3-METHYLBENZENE	9.54	3600	JN
10.	526-73-8	1,2,3-TRIMETHYLBENZENE	9.96	7900	JN

ASP 2000 - TCL PLUS STARS AS TICS VOLATILES
ANALYSIS DATA SHEET

Client No.

BCP BH02 S02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523702

Sample wt/vol: 5.00 (g/mL) G Lab File ID: Q2230.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. 21 Heated Purge: Y Date Analyzed: 05/17/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	13	U
74-83-9	Bromomethane	13	U
75-01-4	Vinyl chloride	13	U
75-00-3	Chloroethane	13	U
75-09-2	Methylene chloride	10	J
67-64-1	Acetone	60	
75-15-0	Carbon Disulfide	13	U
75-35-4	1,1-Dichloroethene	13	U
75-34-3	1,1-Dichloroethane	13	U
67-66-3	Chloroform	13	U
107-06-2	1,2-Dichloroethane	13	U
78-93-3	2-Butanone	7	J
71-55-6	1,1,1-Trichloroethane	13	U
56-23-5	Carbon Tetrachloride	13	U
75-27-4	Bromodichloromethane	13	U
78-87-5	1,2-Dichloropropane	13	U
10061-01-5	cis-1,3-Dichloropropene	13	U
79-01-6	Trichloroethene	13	U
124-48-1	Dibromochloromethane	13	U
79-00-5	1,1,2-Trichloroethane	13	U
71-43-2	Benzene	13	U
10061-02-6	trans-1,3-Dichloropropene	13	U
75-25-2	Bromoform	13	U
108-10-1	4-Methyl-2-pentanone	13	U
591-78-6	2-Hexanone	13	U
127-18-4	Tetrachloroethene	13	U
108-88-3	Toluene	13	U
79-34-5	1,1,2,2-Tetrachloroethane	13	U
108-90-7	Chlorobenzene	13	U
100-41-4	Ethylbenzene	6	J
100-42-5	Styrene	13	U
1330-20-7	Total Xylenes	25	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	13	U
156-59-2	cis-1,2-Dichloroethene	13	U

ASP 2000 - TCL PLUS STARS AS TICS VOLATILES
ANALYSIS DATA SHEET

Client No.

BCP BH02 S02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523702

Sample wt/vol: 5.00 (g/mL) G Lab File ID: Q2230.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. 21 Heated Purge: Y Date Analyzed: 05/17/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	13	U
75-71-8	Dichlorodifluoromethane	13	U
75-69-4	Trichlorofluoromethane	13	U
79-20-9	Methyl acetate	13	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	13	U
110-82-7	Cyclohexane	13	U
108-87-2	Methylcyclohexane	13	U
106-93-4	1,2-Dibromoethane	13	U
98-82-8	Isopropylbenzene	13	U
541-73-1	1,3-Dichlorobenzene	13	U
106-46-7	1,4-Dichlorobenzene	13	U
95-50-1	1,2-Dichlorobenzene	13	U
96-12-8	1,2-Dibromo-3-chloropropane	13	U
120-82-1	1,2,4-Trichlorobenzene	13	U
95-63-6	1,2,4-Trimethylbenzene (TIC)	13	W
108-67-8	1,3,5-Trimethylbenzene (TIC)	13	W
104-51-8	n-Butylbenzene (TIC)	13	W
103-65-1	n-Propylbenzene (TIC)	13	W
91-20-3	Naphthalene (TIC)	13	W
99-87-6	p-Cymene (TIC)	13	W
135-98-8	sec-Butylbenzene (TIC)	13	W
98-06-6	tert-Butylbenzene (TIC)	13	W

ASP 2000 - TCL PLUS STARS AS TICS VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCP BH02 S02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523702

Sample wt/vol: 5.00 (g/mL) G Lab File ID: Q2230.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. 21.2 Date Analyzed: 05/17/2006

GC Column: DB-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.	110-54-3	HEXANE	3.77	8	JN

ASP 2000 - TCL PLUS STARS AS TICS VOLATILES
ANALYSIS DATA SHEET

Client No.

BCP BH03 S09

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523703

Sample wt/vol: 5.17 (g/mL) G Lab File ID: Q2233.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. 17 Heated Purge: Y Date Analyzed: 05/18/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene chloride	8	J
67-64-1	Acetone	6	J
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	14	
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
108-88-3	Toluene	12	U
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	12	U
100-42-5	Styrene	12	U
1330-20-7	Total Xylenes	12	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U

ASP 2000 - TCL PLUS STARS AS TICS VOLATILES
ANALYSIS DATA SHEET

Client No.

BCP BH03 S09

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523703

Sample wt/vol: 5.17 (g/mL) G Lab File ID: Q2233.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. 17 Heated Purge: Y Date Analyzed: 05/18/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	12	U
75-71-8	Dichlorodifluoromethane	12	U
75-69-4	Trichlorofluoromethane	12	U
79-20-9	Methyl acetate	12	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7	Cyclohexane	12	U
108-87-2	Methylcyclohexane	12	U
106-93-4	1,2-Dibromoethane	12	U
98-82-8	Isopropylbenzene	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
95-63-6	1,2,4-Trimethylbenzene (TIC)	12	W
108-67-8	1,3,5-Trimethylbenzene (TIC)	12	W
104-51-8	n-Butylbenzene (TIC)	12	W
103-65-1	n-Propylbenzene (TIC)	12	W
91-20-3	Naphthalene (TIC)	12	W
99-87-6	p-Cymene (TIC)	12	W
135-98-8	sec-Butylbenzene (TIC)	12	W
98-06-6	tert-Butylbenzene (TIC)	12	W

ASP 2000 - TCL PLUS STARS AS TICS VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCP BH03 S09

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523703

Sample wt/vol: 5.17 (g/mL) G Lab File ID: Q2233.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. 16.6 Date Analyzed: 05/18/2006

GC Column: DB-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

ASP 2000 - TCL PLUS STARS AS TICS VOLATILES
ANALYSIS DATA SHEET

Client No.

BCP BH04 S07

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523704

Sample wt/vol: 5.06 (g/mL) G Lab File ID: Q2234.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 05/18/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene chloride	7	J
67-64-1	Acetone	7	J
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	21	
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
108-88-3	Toluene	2	J
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	31	
100-42-5	Styrene	12	U
1330-20-7	Total Xylenes	10	J
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U

ASP 2000 - TCL PLUS STARS AS TICS VOLATILES
ANALYSIS DATA SHEET

Client No.

BCP BH04 S07

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523704

Sample wt/vol: 5.06 (g/mL) G Lab File ID: Q2234.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 05/18/2006

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

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	12	U
75-71-8	Dichlorodifluoromethane	12	U
75-69-4	Trichlorofluoromethane	12	U
79-20-9	Methyl acetate	12	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7	Cyclohexane	12	U
108-87-2	Methylcyclohexane	12	U
106-93-4	1,2-Dibromoethane	12	U
98-82-8	Isopropylbenzene	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
95-63-6	1,2,4-Trimethylbenzene (TIC)	1	V
108-67-8	1,3,5-Trimethylbenzene (TIC)	12	W
104-51-8	n-Butylbenzene (TIC)	12	W
103-65-1	n-Propylbenzene (TIC)	12	W
91-20-3	Naphthalene (TIC)	12	W
99-87-6	p-Cymene (TIC)	12	W
135-98-8	sec-Butylbenzene (TIC)	12	W
98-06-6	tert-Butylbenzene (TIC)	12	W

ASP 2000 - TCL PLUS STARS AS TICS VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCP BH04 S07

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523704

Sample wt/vol: 5.06 (g/mL) G Lab File ID: Q2234.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. 18.3 Date Analyzed: 05/18/2006

GC Column: DB-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.	AROMATIC DERIVATIVE	10.72	83	J

ASP 2000 - TCL PLUS STARS AS TICS VOLATILES
ANALYSIS DATA SHEET

Client No.

DUPLICATE 1

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523706

Sample wt/vol: 4.02 (g/mL) G Lab File ID: Q2220.RR

Level: (low/med) MED Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. 16 Heated Purge: N Date Analyzed: 05/17/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1400	U
74-83-9	Bromomethane	1400	U
75-01-4	Vinyl chloride	1400	U
75-00-3	Chloroethane	1400	U
75-09-2	Methylene chloride	1400	U
67-64-1	Acetone	1400	U
75-15-0	Carbon Disulfide	1400	U
75-35-4	1,1-Dichloroethene	1400	U
75-34-3	1,1-Dichloroethane	1400	U
67-66-3	Chloroform	1400	U
107-06-2	1,2-Dichloroethane	1400	U
78-93-3	2-Butanone	1400	U
71-55-6	1,1,1-Trichloroethane	1400	U
56-23-5	Carbon Tetrachloride	1400	U
75-27-4	Bromodichloromethane	1400	U
78-87-5	1,2-Dichloropropane	1400	U
10061-01-5	cis-1,3-Dichloropropene	1400	U
79-01-6	Trichloroethene	1400	U
124-48-1	Dibromochloromethane	1400	U
79-00-5	1,1,2-Trichloroethane	1400	U
71-43-2	Benzene	1400	U
10061-02-6	trans-1,3-Dichloropropene	1400	U
75-25-2	Bromoform	1400	U
108-10-1	4-Methyl-2-pentanone	1400	U
591-78-6	2-Hexanone	1400	U
127-18-4	Tetrachloroethene	1400	U
108-88-3	Toluene	1400	U
79-34-5	1,1,2,2-Tetrachloroethane	1400	U
108-90-7	Chlorobenzene	1400	U
100-41-4	Ethylbenzene	760	J
100-42-5	Styrene	1400	U
1330-20-7	Total Xylenes	3200	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1400	U
156-59-2	cis-1,2-Dichloroethene	1400	U

ASP 2000 - TCL PLUS STARS AS TICS VOLATILES
ANALYSIS DATA SHEET

Client No.

DUPLICATE 1

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523706

Sample wt/vol: 4.02 (g/mL) G Lab File ID: Q2220.RR

Level: (low/med) MED Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. 16 Heated Purge: N Date Analyzed: 05/17/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	1400	U
75-71-8	Dichlorodifluoromethane	1400	U
75-69-4	Trichlorofluoromethane	1400	U
79-20-9	Methyl acetate	1400	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1400	U
110-82-7	Cyclohexane	3500	
108-87-2	Methylcyclohexane	7700	
106-93-4	1,2-Dibromoethane	1400	U
98-82-8	Isopropylbenzene	310	J
541-73-1	1,3-Dichlorobenzene	1400	U
106-46-7	1,4-Dichlorobenzene	1400	U
95-50-1	1,2-Dichlorobenzene	1400	U
96-12-8	1,2-Dibromo-3-chloropropane	1400	U
120-82-1	1,2,4-Trichlorobenzene	1400	U
95-63-6	1,2,4-Trimethylbenzene (TIC)	1400	W
108-67-8	1,3,5-Trimethylbenzene (TIC)	1400	W
104-51-8	n-Butylbenzene (TIC)	1400	W
103-65-1	n-Propylbenzene (TIC)	1400	W
91-20-3	Naphthalene (TIC)	1400	W
99-87-6	p-Cymene (TIC)	1400	W
135-98-8	sec-Butylbenzene (TIC)	1400	W
98-06-6	tert-Butylbenzene (TIC)	1400	W

ASP 2000 - TCL PLUS STARS AS TICS VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

DUPLICATE 1

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523706

Sample wt/vol: 4.02 (g/mL) G Lab File ID: Q2220.RR

Level: (low/med) MED Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. 16.5 Date Analyzed: 05/17/2006

GC Column: DB-624 ID: 0.53 (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.	107-83-5	2 METHYL PENTANE	3.30	4900	JN
2.		UNKNOWN ALKANE	3.77	7100	J
3.	96-37-7	METHYL CYCLOPENTANE	4.32	8100	JN
4.		UNKNOWN	9.56	7300	J
5.	2847-72-5	4-METHYLDECANE	9.83	5500	JN
6.	526-73-8	1,2,3-TRIMETHYLBENZENE	9.96	6200	JN
7.		UNKNOWN HYDROCARBON	10.34	4700	J
8.		UNKNOWN HYDROCARBON	10.78	5100	J
9.		UNKNOWN HYDROCARBON	11.12	8500	J
10.	17301-22-3	2,5-DIMETHYLUNDECANE	11.58	4300	JN

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

EQUIPMENT BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6523705

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q2210.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/17/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	10	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

EQUIPMENT BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6523705

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q2210.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 05/17/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U
95-63-6	1,2,4-Trimethylbenzene (TIC)	1	W
108-67-8	1,3,5-Trimethylbenzene (TIC)	1	W
104-51-8	n-Butylbenzene (TIC)	1	W
103-65-1	n-Propylbenzene (TIC)	1	W
91-20-3	Naphthalene (TIC)	1	W
99-87-6	p-Cymene (TIC)	1	W
135-98-8	sec-Butylbenzene (TIC)	1	W
98-06-6	tert-Butylbenzene (TIC)	1	W

EPA ASP 2000 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

EQUIPMENT BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6523705

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q2210.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: not dec. _____ Date Analyzed: 05/17/2006

GC Column: DB-624 ID: 0.53 (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

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

BCP BH01 S06

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523701

Sample wt/vol: 30.80 (g/mL) G Lab File ID: V15110.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	760	U
108-95-2	Phenol	380	U
111-44-4	Bis(2-chloroethyl) ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	760	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	Bis(2-chloroethoxy) methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	170	J
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	760	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	180	J
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	930	U
92-52-4	Biphenyl	760	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	930	U
131-11-3	Dimethyl phthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	930	U

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

BCP BH01 S06

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523701

Sample wt/vol: 30.80 (g/mL) G Lab File ID: V15110.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	930	U
100-02-7	4-Nitrophenol	930	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethyl phthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl phenyl ether	380	U
100-01-6	4-Nitroaniline	930	U
534-52-1	4,6-Dinitro-2-methylphenol	930	U
86-30-6	N-nitrosodiphenylamine	380	U
101-55-3	4-Bromophenyl phenyl ether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	760	U
87-86-5	Pentachlorophenol	930	U
85-01-8	Phenanthrene	60	J
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butyl phthalate	380	U
206-44-0	Fluoranthene	61	J
129-00-0	Pyrene	59	J
85-68-7	Butyl benzyl phthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	34	J
218-01-9	Chrysene	30	J
117-81-7	Bis(2-ethylhexyl) phthalate	52	BJ
117-84-0	Di-n-octyl phthalate	10	J
205-99-2	Benzo(b)fluoranthene	42	J
207-08-9	Benzo(k)fluoranthene	48	J
50-32-8	Benzo(a)pyrene	24	J
193-39-5	Indeno(1,2,3-cd)pyrene	16	J
53-70-3	Dibenzo(a,h)anthracene	380	U

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

BCP BH01 S06

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523701

Sample wt/vol: 30.80 (g/mL) G Lab File ID: V15110.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
191-24-2	Benzo(ghi)perylene	380	U

LCS - ASP 2000- SEMIVOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCP BH01 S06

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523701

Sample wt/vol: 30.80 (g/mL) G Lab File ID: V15110.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 16.0 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.4

Number TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		SUSPECTED ALDOL COND PRODUCT	4.25	8600	BJ
2.		UNKNOWN	4.57	190	J
3.	111-84-2	NONANE	5.11	450	JN
4.		UNKNOWN ALKANE	5.26	190	J
5.		UNKNOWN	5.44	330	J
6.		UNKNOWN ALKANE	5.58	510	J
7.		UNKNOWN ALKANE	5.65	300	J
8.		UNKNOWN ALKANE	5.85	440	J
9.		UNKNOWN ALKANE	5.94	320	J
10.		UNKNOWN BENZENE DERIVATIVE	6.07	560	J
11.		UNKNOWN BENZENE DERIVATIVE	6.38	860	J
12.	124-18-5	DECANE	6.43	580	JN
13.		UNKNOWN ALKANE	6.68	400	J
14.		UNKNOWN BENZENE DERIVATIVE	6.71	220	J
15.		UNKNOWN BENZENE DERIVATIVE	7.05	200	J
16.		UNKNOWN BENZENE DERIVATIVE	7.11	540	J
17.	6975-98-0	2-METHYL DECANE	7.16	250	JN
18.		UNKNOWN ALKANE	7.23	310	J
19.	1120-21-4	UNDECANE	7.55	560	JN
20.		UNKNOWN BENZENE DERIVATIVE	7.80	200	J
21.		UNKNOWN	7.96	220	J
22.		UNKNOWN BENZENE DERIVATIVE	8.13	400	J
23.		UNKNOWN ALKANE	8.19	200	J

LCS - ASP 2000- SEMIVOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCP BH01 S06

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523701

Sample wt/vol: 30.80 (g/mL) G Lab File ID: V15110.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 16.0 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.4

Number TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
24.	UNKNOWN ALKANE	8.26	200	J
25. 17301-23-4	2,6-DIMETHYL UNDECANE	8.66	260	JN
26.	UNKNOWN ALKANE	9.20	250	J
27. 629-50-5	TRIDECANE	9.46	200	JN
28.	UNKNOWN	9.89	320	J
29.	UNKNOWN	14.48	280	J
30.	UNKNOWN ALKANE	16.20	280	J

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

BCP BH02 S02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523702

Sample wt/vol: 30.16 (g/mL) G Lab File ID: V15111.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 20 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	820	U
108-95-2	Phenol	410	U
111-44-4	Bis(2-chloroethyl) ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	410	U
98-86-2	Acetophenone	820	U
106-44-5	4-Methylphenol	410	U
621-64-7	N-Nitroso-Di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
111-91-1	Bis(2-chloroethoxy) methane	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
87-68-3	Hexachlorobutadiene	410	U
105-60-2	Caprolactam	820	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	Biphenyl	820	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethyl phthalate	410	U
606-20-2	2,6-Dinitrotoluene	410	U
208-96-8	Acenaphthylene	410	U
99-09-2	3-Nitroaniline	1000	U

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

BCP BH02 S02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523702

Sample wt/vol: 30.16 (g/mL) G Lab File ID: V15111.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 20 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethyl phthalate	410	U
86-73-7	Fluorene	410	U
7005-72-3	4-Chlorophenyl phenyl ether	410	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-nitrosodiphenylamine	410	U
101-55-3	4-Bromophenyl phenyl ether	410	U
118-74-1	Hexachlorobenzene	410	U
1912-24-9	Atrazine	820	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	82	J
120-12-7	Anthracene	15	J
86-74-8	Carbazole	410	U
84-74-2	Di-n-butyl phthalate	410	U
206-44-0	Fluoranthene	120	J
129-00-0	Pyrene	120	J
85-68-7	Butyl benzyl phthalate	410	U
91-94-1	3,3'-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	61	J
218-01-9	Chrysene	77	J
117-81-7	Bis(2-ethylhexyl) phthalate	67	BJ
117-84-0	Di-n-octyl phthalate	410	U
205-99-2	Benzo(b)fluoranthene	74	J
207-08-9	Benzo(k)fluoranthene	27	J
50-32-8	Benzo(a)pyrene	61	J
193-39-5	Indeno(1,2,3-cd)pyrene	55	J
53-70-3	Dibenzo(a,h)anthracene	18	J

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

BCP BH02 S02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523702

Sample wt/vol: 30.16 (g/mL) G Lab File ID: V15111.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 20 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
191-24-2	Benzo(ghi)perylene	30	J

LCS - ASP 2000- SEMIVOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCP BH02 S02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523702

Sample wt/vol: 30.16 (g/mL) G Lab File ID: V15111.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 20.1 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.9

Number TICs found: 10 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	3.51	580	J
2.		UNKNOWN	4.00	530	J
3.		SUSPECTED ALDOL COND PRODUCT	4.28	15000	BJ
4.		UNKNOWN ALKANE	15.65	300	J
5.		UNKNOWN ALKANE	16.20	790	J
6.		UNKNOWN AMIDE	16.44	170	J
7.	295-65-8	CYCLOHEXADECANE	16.77	230	JN
8.		UNKNOWN ALKANE	17.36	170	J
9.		UNKNOWN	18.30	200	J
10.	559-74-0	FRIEDELAN-3-ONE	19.84	1100	JN

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

BCP BH03 S09

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523703

Sample wt/vol: 30.95 (g/mL) G Lab File ID: V15114.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 15 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	760	U
108-95-2	Phenol	11	J
111-44-4	Bis(2-chloroethyl) ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	760	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-Di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	Bis(2-chloroethoxy) methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	760	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	920	U
92-52-4	Biphenyl	760	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	920	U
131-11-3	Dimethyl phthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	920	U

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

BCP BH03 S09

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523703

Sample wt/vol: 30.95 (g/mL) G Lab File ID: V15114.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 15 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	920	U
100-02-7	4-Nitrophenol	920	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethyl phthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl phenyl ether	380	U
100-01-6	4-Nitroaniline	920	U
534-52-1	4,6-Dinitro-2-methylphenol	920	U
86-30-6	N-nitrosodiphenylamine	380	U
101-55-3	4-Bromophenyl phenyl ether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	760	U
87-86-5	Pentachlorophenol	920	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butyl phthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butyl benzyl phthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	Bis(2-ethylhexyl) phthalate	84	BJ
117-84-0	Di-n-octyl phthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

BCP BH03 S09

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523703

Sample wt/vol: 30.95 (g/mL) G Lab File ID: V15114.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 15 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
191-24-2	Benzo(ghi)perylene	380	U

LCS - ASP 2000- SEMIVOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCP BH03 S09

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523703

Sample wt/vol: 30.95 (g/mL) G Lab File ID: V15114.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 15.4 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.1

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

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		SUSPECTED ALDOL COND PRODUCT	4.26	16000	BJ
2.	112-84-5	(Z)-13-DOCOSENAMIDE	16.44	270	JN

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

BCP BH04 S07

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523704

Sample wt/vol: 30.69 (g/mL) G Lab File ID: V15115.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	770	U
108-95-2	Phenol	28	J
111-44-4	Bis(2-chloroethyl) ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	390	U
98-86-2	Acetophenone	770	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-Di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	Bis(2-chloroethoxy) methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	770	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	940	U
92-52-4	Biphenyl	770	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	940	U
131-11-3	Dimethyl phthalate	390	U
606-20-2	2,6-Dinitrotoluene	390	U
208-96-8	Acenaphthylene	390	U
99-09-2	3-Nitroaniline	940	U

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

BCP BH04 S07

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523704

Sample wt/vol: 30.69 (g/mL) G Lab File ID: V15115.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	940	U
100-02-7	4-Nitrophenol	940	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethyl phthalate	390	U
86-73-7	Fluorene	390	U
7005-72-3	4-Chlorophenyl phenyl ether	390	U
100-01-6	4-Nitroaniline	940	U
534-52-1	4,6-Dinitro-2-methylphenol	940	U
86-30-6	N-nitrosodiphenylamine	390	U
101-55-3	4-Bromophenyl phenyl ether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	770	U
87-86-5	Pentachlorophenol	940	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butyl phthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butyl benzyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	Bis(2-ethylhexyl) phthalate	72	BJ
117-84-0	Di-n-octyl phthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenzo(a,h)anthracene	390	U

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

BCP BH04 S07

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523704

Sample wt/vol: 30.69 (g/mL) G Lab File ID: V15115.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 16 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.8

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
191-24-2	Benzo(ghi)perylene	390	U

LCS - ASP 2000- SEMIVOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCP BH04 S07

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523704

Sample wt/vol: 30.69 (g/mL) G Lab File ID: V15115.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 16.5 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.8

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 123-42-2	SUSPECTED ALDOL COND PRODUCT	4.26	15000	BJN
2. 95-13-6	INDENE	6.99	230	JN
3. 112-84-5	(Z)-13-DOCOSENAMIDE	16.44	230	JN

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

DUPLICATE 1

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523706

Sample wt/vol: 30.71 (g/mL) G Lab File ID: V15116.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 13 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	740	U
108-95-2	Phenol	370	U
111-44-4	Bis(2-chloroethyl) ether	370	U
95-57-8	2-Chlorophenol	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	370	U
98-86-2	Acetophenone	740	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-Di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	Bis(2-chloroethoxy) methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	160	J
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	740	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-57-6	2-Methylnaphthalene	170	J
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	900	U
92-52-4	Biphenyl	740	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	900	U
131-11-3	Dimethyl phthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	370	U
99-09-2	3-Nitroaniline	900	U

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

DUPLICATE 1

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523706

Sample wt/vol: 30.71 (g/mL) G Lab File ID: V15116.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 13 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	370	U
51-28-5	2,4-Dinitrophenol	900	U
100-02-7	4-Nitrophenol	900	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethyl phthalate	370	U
86-73-7	Fluorene	370	U
7005-72-3	4-Chlorophenyl phenyl ether	370	U
100-01-6	4-Nitroaniline	900	U
534-52-1	4,6-Dinitro-2-methylphenol	900	U
86-30-6	N-nitrosodiphenylamine	370	U
101-55-3	4-Bromophenyl phenyl ether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	740	U
87-86-5	Pentachlorophenol	900	U
85-01-8	Phenanthrene	66	J
120-12-7	Anthracene	12	J
86-74-8	Carbazole	370	U
84-74-2	Di-n-butyl phthalate	370	U
206-44-0	Fluoranthene	82	J
129-00-0	Pyrene	65	J
85-68-7	Butyl benzyl phthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	41	J
218-01-9	Chrysene	40	J
117-81-7	Bis(2-ethylhexyl) phthalate	96	BJ
117-84-0	Di-n-octyl phthalate	370	U
205-99-2	Benzo(b)fluoranthene	44	J
207-08-9	Benzo(k)fluoranthene	15	J
50-32-8	Benzo(a)pyrene	32	J
193-39-5	Indeno(1,2,3-cd)pyrene	26	J
53-70-3	Dibenzo(a,h)anthracene	370	U

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

DUPLICATE 1

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523706

Sample wt/vol: 30.71 (g/mL) G Lab File ID: V15116.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 13 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.6

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
191-24-2	Benzo(ghi)perylene	18	J

LCS - ASP 2000- SEMIVOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

DUPLICATE 1

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523706

Sample wt/vol: 30.71 (g/mL) G Lab File ID: V15116.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 13.3 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.6

Number TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	123-42-2	SUSPECTED ALDOL COND PRODUCT	4.26	12000	BJN
2.		UNKNOWN	5.57	160	J
3.		UNKNOWN ALKANE	5.85	160	J
4.		UNKNOWN BENZENE DERIVATIVE	5.96	220	J
5.		UNKNOWN BENZENE DERIVATIVE	6.06	270	J
6.		UNKNOWN BENZENE DERIVATIVE	6.38	520	J
7.	124-18-5	DECANE	6.42	250	JN
8.		UNKNOWN ALKANE	6.68	220	J
9.		UNKNOWN BENZENE DERIVATIVE	6.71	180	J
10.		UNKNOWN BENZENE DERIVATIVE	7.04	140	J
11.		UNKNOWN BENZENE DERIVATIVE	7.11	360	J
12.		UNKNOWN ALKANE	7.16	150	J
13.		UNKNOWN ALKANE	7.23	180	J
14.	1120-21-4	UNDECANE	7.55	350	JN
15.		UNKNOWN BENZENE DERIVATIVE	7.80	140	J
16.		UNKNOWN	7.96	150	J
17.		UNKNOWN BENZENE DERIVATIVE	8.13	300	J
18.		UNKNOWN ALKANE	8.19	150	J
19.		UNKNOWN ALKANE	8.26	150	J
20.	17301-23-4	2,6-DIMETHYL UNDECANE	8.67	190	JN
21.		UNKNOWN ALKANE	9.20	220	J
22.		UNKNOWN ALKANE	9.46	160	J
23.		UNKNOWN	9.89	210	J

LCS - ASP 2000- SEMIVOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

DUPLICATE 1

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523706

Sample wt/vol: 30.71 (g/mL) G Lab File ID: V15116.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: 13.3 decanted: (Y/N) N Date Extracted: 05/19/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.6

Number TICs found: 30 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
24.	629-59-4	TETRADECANE	10.31	300	JN
25.		UNKNOWN	14.48	260	J
26.		UNKNOWN	16.21	180	J
27.	301-02-0	(Z)-9-OCTADECENAMIDE	16.44	250	JN
28.	83-46-5	.BETA.-SITOSTEROL	18.47	170	JN
29.		UNKNOWN STEROL	18.54	150	J
30.	559-74-0	FRIEDELAN-3-ONE	19.84	530	JN

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

EQUIPMENT BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6523705

Sample wt/vol: 1035.0 (g/mL) ML Lab File ID: V14926.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/15/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/21/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	10	U
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
98-86-2	Acetophenone	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
105-60-2	Caprolactam	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	10	U
606-20-2	2,6-Dinitrotoluene	10	U
208-96-8	Acenaphthylene	10	U
99-09-2	3-Nitroaniline	24	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

EQUIPMENT BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6523705

Sample wt/vol: 1035.0 (g/mL) ML Lab File ID: V14926.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/15/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/21/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethyl phthalate	10	U
86-73-7	Fluorene	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
1912-24-9	Atrazine	10	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	12	B
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

EQUIPMENT BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6523705

Sample wt/vol: 1035.0 (g/mL) ML Lab File ID: V14926.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/15/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/21/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	10	U

LCS - ASP 2000 - SEMIVOLATILES - W
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

EQUIPMENT BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6523705

Sample wt/vol: 1035.0 (g/mL) ML Lab File ID: V14926.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/15/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 05/21/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

Number TICs found: 4

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

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	9.75	2	J
2.		UNKNOWN	14.42	6	J
3.	43080-23-5	PENTADECYL ESTER 2-PROPENOIC	15.13	3	BJN
4.	2240-47-3	P,P,P-TRIPHENYLPHOSPHINE	15.96	20	JN

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

EQUIPMENT BLANK RE

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6523705RE

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V15107.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/26/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
100-52-7	Benzaldehyde	9	U
108-95-2	Phenol	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	9	U
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
98-86-2	Acetophenone	9	U
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
105-60-2	Caprolactam	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-57-6	2-Methylnaphthalene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
92-52-4	Biphenyl	9	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
606-20-2	2,6-Dinitrotoluene	9	U
208-96-8	Acenaphthylene	9	U
99-09-2	3-Nitroaniline	24	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

EQUIPMENT BLANK RE

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6523705RE

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V15107.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/26/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
83-32-9	Acenaphthene	9	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	9	U
121-14-2	2,4-Dinitrotoluene	9	U
84-66-2	Diethyl phthalate	9	U
86-73-7	Fluorene	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
1912-24-9	Atrazine	9	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	9	U
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	9	U
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	9	U
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	2	BJ
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U

LCS - ASP 2000 - SEMIVOLATILES - W
ANALYSIS DATA SHEET

Client No.

EQUIPMENT BLANK RE

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6523705RE

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V15107.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/26/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
191-24-2	Benzo(ghi)perylene	9	U

LCS - ASP 2000 - SEMIVOLATILES - W
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

EQUIPMENT BLANK RE

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6523705RE

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V15107.RR

Level: (low/med) LOW Date Samp/Recv: 05/09/2006 05/10/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 05/26/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 43080-23-5	PENTADECYL ESTER 2-PROPENOIC	15.04	3	BJN

LCS - ASP 2000 - PESTICIDES/AROCLORS - S
ANALYSIS DATA SHEET

59/1934

Client No.

BCP BH01 S06

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523701

Sample wt/vol: 30.80 (g/mL) G Lab File ID: _____

% Moisture: 16 decanted: (Y/N) N Date Samp/Recv: 05/09/2006 05/10/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 05/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/02/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.40 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan Sulfate	3.8	U
50-29-3	4,4'-DDT	3.8	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor 1016	38	U
11104-28-2	Aroclor 1221	78	U
11141-16-5	Aroclor 1232	38	U
53469-21-9	Aroclor 1242	38	U
12672-29-6	Aroclor 1248	38	U
11097-69-1	Aroclor 1254	38	U
11096-82-5	Aroclor 1260	38	U

LCS - ASP 2000 - PESTICIDES/AROCLORS - S
ANALYSIS DATA SHEET

Client No.

BCP BH02 S02

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523702

Sample wt/vol: 30.70 (g/mL) G Lab File ID: _____

% Moisture: 20 decanted: (Y/N) N Date Samp/Recv: 05/09/2006 05/10/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 05/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/02/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.90 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.0	U
72-55-9	4,4'-DDE	4.0	U
72-20-8	Endrin	4.0	U
33213-65-9	Endosulfan II	4.0	U
72-54-8	4,4'-DDD	4.0	U
1031-07-8	Endosulfan Sulfate	4.0	U
50-29-3	4,4'-DDT	4.0	U
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.0	U
7421-93-4	Endrin aldehyde	4.0	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor 1016	40	U
11104-28-2	Aroclor 1221	82	U
11141-16-5	Aroclor 1232	40	U
53469-21-9	Aroclor 1242	40	U
12672-29-6	Aroclor 1248	40	U
11097-69-1	Aroclor 1254	40	U
11096-82-5	Aroclor 1260	40	U

LCS - ASP 2000 - PESTICIDES/AROCLORS - S
ANALYSIS DATA SHEET

Client No.

BCP BH03 S09

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523703

Sample wt/vol: 30.20 (g/mL) G Lab File ID: _____

% Moisture: 15 decanted: (Y/N) N Date Samp/Recv: 05/09/2006 05/10/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 05/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/02/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 8.10 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.9	U
72-55-9	4,4'-DDE	3.9	U
72-20-8	Endrin	3.9	U
33213-65-9	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	3.9	U
1031-07-8	Endosulfan Sulfate	3.9	U
50-29-3	4,4'-DDT	3.9	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.9	U
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor 1016	39	U
11104-28-2	Aroclor 1221	78	U
11141-16-5	Aroclor 1232	39	U
53469-21-9	Aroclor 1242	39	U
12672-29-6	Aroclor 1248	39	U
11097-69-1	Aroclor 1254	39	U
11096-82-5	Aroclor 1260	39	U

LCS - ASP 2000 - PESTICIDES/AROCLORS - S
ANALYSIS DATA SHEET

Client No.

BCP BH04 S07

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523704

Sample wt/vol: 30.70 (g/mL) G Lab File ID: _____

% Moisture: 16 decanted: (Y/N) N Date Samp/Recv: 05/09/2006 05/10/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 05/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/02/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.80 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan Sulfate	3.8	U
50-29-3	4,4'-DDT	3.8	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor 1016	38	U
11104-28-2	Aroclor 1221	78	U
11141-16-5	Aroclor 1232	38	U
53469-21-9	Aroclor 1242	38	U
12672-29-6	Aroclor 1248	38	U
11097-69-1	Aroclor 1254	38	U
11096-82-5	Aroclor 1260	38	U

LCS - ASP 2000 - PESTICIDES/AROCLORS - S
ANALYSIS DATA SHEET

Client No.

DUPLICATE 1

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6523706

Sample wt/vol: 30.90 (g/mL) G Lab File ID: _____

% Moisture: 13 decanted: (Y/N) N Date Samp/Recv: 05/09/2006 05/10/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 05/19/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/02/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.60 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan Sulfate	3.7	U
50-29-3	4,4'-DDT	3.7	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor 1016	37	U
11104-28-2	Aroclor 1221	75	U
11141-16-5	Aroclor 1232	37	U
53469-21-9	Aroclor 1242	37	U
12672-29-6	Aroclor 1248	37	U
11097-69-1	Aroclor 1254	37	U
11096-82-5	Aroclor 1260	37	U

LCS - ASP 2000- PESTICIDES/AROCLORS - W
ANALYSIS DATA SHEET

Client No.

EQUIPMENT BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6523705

Sample wt/vol: 1050.00 (g/mL) ML Lab File ID: _____

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 05/09/2006 05/10/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 05/12/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 05/17/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 7.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.048	U
319-85-7	beta-BHC	0.048	U
319-86-8	delta-BHC	0.048	U
58-89-9	gamma-BHC (Lindane)	0.048	U
76-44-8	Heptachlor	0.048	U
309-00-2	Aldrin	0.048	U
1024-57-3	Heptachlor epoxide	0.048	U
959-98-8	Endosulfan I	0.048	U
60-57-1	Dieldrin	0.095	U
72-55-9	4,4'-DDE	0.095	U
72-20-8	Endrin	0.095	U
33213-65-9	Endosulfan II	0.095	U
72-54-8	4,4'-DDD	0.095	U
1031-07-8	Endosulfan Sulfate	0.095	U
50-29-3	4,4'-DDT	0.095	U
72-43-5	Methoxychlor	0.48	U
53494-70-5	Endrin ketone	0.095	U
7421-93-4	Endrin aldehyde	0.095	U
5103-71-9	alpha-Chlordane	0.048	U
5103-74-2	gamma-Chlordane	0.048	U
8001-35-2	Toxaphene	4.8	U
12674-11-2	Aroclor 1016	0.95	U
11104-28-2	Aroclor 1221	1.9	U
11141-16-5	Aroclor 1232	0.95	U
53469-21-9	Aroclor 1242	0.95	U
12672-29-6	Aroclor 1248	0.95	U
11097-69-1	Aroclor 1254	0.95	U
11096-82-5	Aroclor 1260	0.95	U

STL BUFFALO

Lender Consulting Services. Inc.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BCP BH01 S06

Contract: NY03-365

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-5237

Matrix (soil/water): SOIL Lab Sample ID: AD627491

Level (low/med): LOW Date Received: 5/10/2006

% Solids: 71

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8150			P
7440-36-0	Antimony	0.57	U	N*	P
7440-38-2	Arsenic	3.3			P
7440-39-3	Barium	80.9			P
7440-41-7	Beryllium	0.41	B		P
7440-43-9	Cadmium	0.18	B		P
7440-70-2	Calcium	39900		*	P
7440-47-3	Chromium	11.8			P
7440-48-4	Cobalt	5.8	B		P
7440-50-8	Copper	14.6		*	P
7439-89-6	Iron	12700			P
7439-92-1	Lead	2020		*	P
7439-95-4	Magnesium	18100			P
7439-96-5	Manganese	343		N*	P
7440-02-0	Nickel	12.8		*	P
7440-09-7	Potassium	1490			P
7782-49-2	Selenium	0.59	U		P
7440-22-4	Silver	0.07	U		P
7439-97-6	Mercury	0.027	B		CV
7440-23-5	Sodium	415	B		P
7440-28-0	Thallium	0.76	U		P
7440-62-2	Vanadium	16.4			P
7440-66-6	Zinc	82.7		*	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

Lender Consulting Services. Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BCP BH02 S02

Contract: NY03-365

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-5237

Matrix (soil/water): SOIL Lab Sample ID: AD627492

Level (low/med): LOW Date Received: 5/10/2006

% Solids: 79

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	7570			P
7440-36-0	Antimony	0.55	U	N*	P
7440-38-2	Arsenic	2.8			P
7440-39-3	Barium	51.8			P
7440-41-7	Beryllium	0.32	B		P
7440-43-9	Cadmium	0.13	B		P
7440-70-2	Calcium	6740		*	P
7440-47-3	Chromium	8.6			P
7440-48-4	Cobalt	5.5	B		P
7440-50-8	Copper	11.5		*	P
7439-89-6	Iron	10200			P
7439-92-1	Lead	27.3		*	P
7439-95-4	Magnesium	2330			P
7439-96-5	Manganese	378		N*	P
7440-02-0	Nickel	11.9		*	P
7440-09-7	Potassium	608	B		P
7782-49-2	Selenium	0.62	B		P
7440-22-4	Silver	0.07	U		P
7439-97-6	Mercury	0.045	B		CV
7440-23-5	Sodium	52.4	B		P
7440-28-0	Thallium	0.74	U		P
7440-62-2	Vanadium	14.0			P
7440-66-6	Zinc	69.7		*	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

Lender Consulting Services. Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BCP BH03 S09

Contract: NY03-365

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-5237

Matrix (soil/water): SOIL Lab Sample ID: AD627496

Level (low/med): LOW Date Received: 5/10/2006

% Solids: 83

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	2530			P
7440-36-0	Antimony	0.50	U	N*	P
7440-38-2	Arsenic	1.5			P
7440-39-3	Barium	22.1	B		P
7440-41-7	Beryllium	0.15	B		P
7440-43-9	Cadmium	0.09	B		P
7440-70-2	Calcium	50200		*	P
7440-47-3	Chromium	4.8			P
7440-48-4	Cobalt	2.2	B		P
7440-50-8	Copper	6.6		*	P
7439-89-6	Iron	5480			P
7439-92-1	Lead	7.3		*	P
7439-95-4	Magnesium	21000			P
7439-96-5	Manganese	252		N*	P
7440-02-0	Nickel	5.0		*	P
7440-09-7	Potassium	730			P
7782-49-2	Selenium	0.52	U		P
7440-22-4	Silver	0.06	U		P
7439-97-6	Mercury	0.007	U		CV
7440-23-5	Sodium	128	B		P
7440-28-0	Thallium	0.66	U		P
7440-62-2	Vanadium	6.7			P
7440-66-6	Zinc	48.7		*	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

Lender Consulting Services. Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BCP BH04 S07

Contract: NY03-365

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-5237

Matrix (soil/water): SOIL Lab Sample ID: AD627497

Level (low/med): LOW Date Received: 5/10/2006

% Solids: 82

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	4690			P
7440-36-0	Antimony	0.54	U	N*	P
7440-38-2	Arsenic	1.9			P
7440-39-3	Barium	49.6			P
7440-41-7	Beryllium	0.28	B		P
7440-43-9	Cadmium	0.07	B		P
7440-70-2	Calcium	65000		*	P
7440-47-3	Chromium	7.3			P
7440-48-4	Cobalt	3.8	B		P
7440-50-8	Copper	9.5		*	P
7439-89-6	Iron	9100			P
7439-92-1	Lead	11.1		*	P
7439-95-4	Magnesium	26700			P
7439-96-5	Manganese	327		N*	P
7440-02-0	Nickel	8.6		*	P
7440-09-7	Potassium	1310			P
7782-49-2	Selenium	0.56	U		P
7440-22-4	Silver	0.06	U		P
7439-97-6	Mercury	0.008	U		CV
7440-23-5	Sodium	179	B		P
7440-28-0	Thallium	0.72	U		P
7440-62-2	Vanadium	11.1			P
7440-66-6	Zinc	61.2		*	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

Lender Consulting Services. Inc.

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

DUPLICATE 1

Contract: NY03-365

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-5237

Matrix (soil/water): SOIL Lab Sample ID: AD627498

Level (low/med): LOW Date Received: 5/10/2006

% Solids: 84

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	5500			P
7440-36-0	Antimony	0.51	U	N*	P
7440-38-2	Arsenic	3.9			P
7440-39-3	Barium	63.9			P
7440-41-7	Beryllium	0.29	B		P
7440-43-9	Cadmium	0.11	B		P
7440-70-2	Calcium	33600		*	P
7440-47-3	Chromium	8.2			P
7440-48-4	Cobalt	4.0	B		P
7440-50-8	Copper	9.3		*	P
7439-89-6	Iron	8530			P
7439-92-1	Lead	967		*	P
7439-95-4	Magnesium	15600			P
7439-96-5	Manganese	200		N*	P
7440-02-0	Nickel	8.6		*	P
7440-09-7	Potassium	913			P
7782-49-2	Selenium	0.53	U		P
7440-22-4	Silver	0.06	U		P
7439-97-6	Mercury	0.008	U		CV
7440-23-5	Sodium	341	B		P
7440-28-0	Thallium	0.68	U		P
7440-62-2	Vanadium	12.4			P
7440-66-6	Zinc	67.3		*	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

Lender Consulting Services. Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

EQUIPMENT BLANK

Contract: NY03-365

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-5237

Matrix (soil/water): WATER Lab Sample ID: AD627557

Level (low/med): LOW Date Received: 5/10/2006

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	35.1	B		P
7440-36-0	Antimony	3.8	U		P
7440-38-2	Arsenic	3.2	U		P
7440-39-3	Barium	0.50	B		P
7440-41-7	Beryllium	0.26	U		P
7440-43-9	Cadmium	0.34	U		P
7440-70-2	Calcium	149	B		P
7440-47-3	Chromium	0.38	U		P
7440-48-4	Cobalt	0.51	U		P
7440-50-8	Copper	0.86	U		P
7439-89-6	Iron	18.0	U		P
7439-92-1	Lead	1.6	U		P
7439-95-4	Magnesium	43.0	B		P
7439-96-5	Manganese	0.79	B		P
7440-02-0	Nickel	1.3	B		P
7440-09-7	Potassium	23.0	U		P
7782-49-2	Selenium	5.7	U		P
7440-22-4	Silver	0.95	U		P
7439-97-6	Mercury	0.026	U		CV
7440-23-5	Sodium	150	U		P
7440-28-0	Thallium	5.8	B		P
7440-62-2	Vanadium	0.50	U		P
7440-66-6	Zinc	2.8	B		P

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

Wet Chemistry Analysis

Client Sample No.: BCP BH01 S06

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): SOIL Lab Sample ID: A6523701

% Solids: 71.4 Date Samp/Recv: 05/09/2006 05/10/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	1.4	U			CLP-WC	05/15/2006
Leachable pH	S.U.	7.42				9045	06/08/2006

Comments:

_____

_____

_____

_____

Wet Chemistry Analysis

Client Sample No.: BCP BH02 S02

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): SOIL Lab Sample ID: A6523702

% Solids: 78.8 Date Samp/Recv: 05/09/2006 05/10/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	1.1	U			CLP-WC 9045	05/15/2006
Leachable pH	S.U.	7.93					06/08/2006

Comments:

Wet Chemistry Analysis

Client Sample No.: BCP BH03 S09

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): SOIL Lab Sample ID: A6523703

% Solids: 83.4 Date Samp/Recv: 05/09/2006 05/10/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	1.2	U			CLP-WC	05/15/2006
Leachable pH	S.U.	8.10				9045	06/08/2006

Comments:

Wet Chemistry Analysis

Client Sample No.: BCP BH04 S07

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): SOIL Lab Sample ID: A6523704

% Solids: 81.7 Date Samp/Recv: 05/09/2006 05/10/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	1.2	U			CLP-WC	05/15/2006
Leachable pH	S.U.	7.77				9045	06/08/2006

Comments:

Wet Chemistry Analysis

75/1934

Client Sample No.

DUPLICATE 1

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): SOIL Lab Sample ID: A6523706

% Solids: 83.5 Date Samp/Recv: 05/09/2006 05/10/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	1.1	U			CLP-WC	05/15/2006
Leachable pH	S.U.	7.55				9045	06/08/2006

Comments:

Wet Chemistry Analysis

Client Sample No.: EQUIPMENT BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): WATER Lab Sample ID: A6523705

% Solids: 0.0 Date Samp/Recv: 05/09/2006 05/10/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/L	0.010	U			CLP-WC	05/18/2006

Comments:

ANALYTICAL REPORT

Job#: A06-5696

STL Project#: NY4A9214
Site Name: LCS, INC.
Task: LCS, Inc., Seventh Street Site, 05B341.26

Mr. Douglas Reid
LCS, Inc.
PO Box 406
Buffalo, NY 14202

STL Buffalo

Paul K. Norrow
Project Manager

06/15/2006

STL Buffalo
Current Certifications

As of 4/10//2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	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	NY044
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	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA,ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USACE	USACE	
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	998310390

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6569601	BCPBH11 58	SOIL	05/18/2006	09:30	05/19/2006	10:55

METHODS SUMMARY

Job#: A06-5696

STL Project#: NY4A9214
Site Name: LCS, INC.

PARAMETER	ANALYTICAL METHOD	
ASP 2000 - METHOD 8260 VOLATILES PLUS STARS	ASP00	8260
LCS - ASP 2000- SEMIVOLATILES - S	ASP00	EPA SVOA
LCS - ASP 2000 - PESTICIDES/AROCLORS - S	ASP00	EPA P/PCB
Aluminum - Total	ASP00	CLP-M
Antimony - Total	ASP00	CLP-M
Arsenic - Total	ASP00	CLP-M
Barium - Total	ASP00	CLP-M
Beryllium - Total	ASP00	CLP-M
Cadmium - Total	ASP00	CLP-M
Calcium - Total	ASP00	CLP-M
Chromium - Total	ASP00	CLP-M
Cobalt - Total	ASP00	CLP-M
Copper - Total	ASP00	CLP-M
Iron - Total	ASP00	CLP-M
Lead - Total	ASP00	CLP-M
Magnesium - Total	ASP00	CLP-M
Manganese - Total	ASP00	CLP-M
Mercury - Total	ASP00	CLP-M
Nickel - Total	ASP00	CLP-M
Potassium - Total	ASP00	CLP-M
Selenium - Total	ASP00	CLP-M
Silver - Total	ASP00	CLP-M
Sodium - Total	ASP00	CLP-M
Thallium - Total	ASP00	CLP-M
Vanadium - Total	ASP00	CLP-M
Zinc - Total	ASP00	CLP-M
Cyanide - Total	ASP00	CLP-WC
Leachable pH	ASP00	9045

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

NON-CONFORMANCE SUMMARY

Job#: A06-5696

STL 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

A06-5696
Sample Cooler(s) were received at the following temperature(s); 3.0 °C
All samples were received in good condition.

GC/MS Volatile Data

The analytes Methylene chloride and Toluene were detected in Method Blank VBLK04 (A6B1990902) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The analyte Acetone was detected in METHANOL BLK 052606 at a level below the project established reporting limit.

The ASP Volatile procedure has been modified in order to accomodate the need to analyze method 8260 by ASP protocol. Specifically the internal standard 1,4-Dichlorobenzene-D4, has been used instead of the ASP required internal standard Bromochloromethane.

Sample BCPBH11 58 DL was analyzed using medium level techniques due to high concentrations of target analytes.

GC/MS Semivolatile Data

The analyte Bis(2-ethylhexyl) phthalate was detected in Method Blank SBLK48 (A6B1989703) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The spike recovery for the analyte 2,4-Dinitrotoluene were above the method defined quality control limits in MSB48 (A6B1989701) and in MSBD48 (A6B1989702). Since the results were biased high and the analyte was not detected in the sample, no corrective action was performed.

GC Extractable Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

The recoveries of sample BCPBH11 58 Matrix Spike exhibited results below the quality control limits for Antimony and Manganese. Sample matrix is suspect. However, the LCS was acceptable.

The recoveries of sample BCPBH11 58 Post Spike exhibited results below the quality control limits for Calcium, Iron, Magnesium, and Manganese. However, the LCS was acceptable.

The Serial Dilution of sample BCPBH11 58 exceeded quality control limits for Aluminum, Chromium, Iron, Magnesium, Manganese, Mickel, Potassium, and Vanadium. However, the LCS was acceptable.

Wet Chemistry Data

Sample BCPBH11 58 was originally analyzed for Total Cyanide within the required holding time, however, a curve was not analyzed with the data. Digestion was performed a second time, within holding time, however analysis was performed outside holding time.

****

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 hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Paul K. Morrow
Project Manager

6/15/06
Date

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.
*	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.

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
ANALYSIS DATA SHEET

Client No.

BCPBH11 58

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6569601

Sample wt/vol: 5.12 (g/mL) G Lab File ID: F0284.RR

Level: (low/med) LOW Date Samp/Recv: 05/18/2006 05/19/2006

% Moisture: not dec. 19 Heated Purge: Y Date Analyzed: 05/25/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	12	U
74-83-9	Bromomethane	12	U
75-01-4	Vinyl chloride	12	U
75-00-3	Chloroethane	12	U
75-09-2	Methylene chloride	9	BJ
67-64-1	Acetone	8	J
75-15-0	Carbon Disulfide	12	U
75-35-4	1,1-Dichloroethene	12	U
75-34-3	1,1-Dichloroethane	12	U
67-66-3	Chloroform	12	U
107-06-2	1,2-Dichloroethane	12	U
78-93-3	2-Butanone	12	U
71-55-6	1,1,1-Trichloroethane	12	U
56-23-5	Carbon Tetrachloride	12	U
75-27-4	Bromodichloromethane	12	U
78-87-5	1,2-Dichloropropane	12	U
10061-01-5	cis-1,3-Dichloropropene	12	U
79-01-6	Trichloroethene	12	U
124-48-1	Dibromochloromethane	12	U
79-00-5	1,1,2-Trichloroethane	12	U
71-43-2	Benzene	750	E
10061-02-6	trans-1,3-Dichloropropene	12	U
75-25-2	Bromoform	12	U
108-10-1	4-Methyl-2-pentanone	12	U
591-78-6	2-Hexanone	12	U
127-18-4	Tetrachloroethene	12	U
108-88-3	Toluene	11	BJ
79-34-5	1,1,2,2-Tetrachloroethane	12	U
108-90-7	Chlorobenzene	12	U
100-41-4	Ethylbenzene	76	
100-42-5	Styrene	12	U
1330-20-7	Total Xylenes	93	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	12	U
156-59-2	cis-1,2-Dichloroethene	12	U

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
ANALYSIS DATA SHEET

Client No.

BCPBH11 58

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6569601

Sample wt/vol: 5.12 (g/mL) G Lab File ID: F0284.RR

Level: (low/med) LOW Date Samp/Recv: 05/18/2006 05/19/2006

% Moisture: not dec. 19 Heated Purge: Y Date Analyzed: 05/25/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	12	U
75-71-8	Dichlorodifluoromethane	12	U
75-69-4	Trichlorofluoromethane	12	U
79-20-9	Methyl acetate	12	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	12	U
110-82-7	Cyclohexane	12	U
108-87-2	Methylcyclohexane	12	U
106-93-4	1,2-Dibromoethane	12	U
98-82-8	Isopropylbenzene	12	U
541-73-1	1,3-Dichlorobenzene	12	U
106-46-7	1,4-Dichlorobenzene	12	U
95-50-1	1,2-Dichlorobenzene	12	U
96-12-8	1,2-Dibromo-3-chloropropane	12	U
120-82-1	1,2,4-Trichlorobenzene	12	U
103-65-1	n-Propylbenzene	12	U
99-87-6	p-Cymene	12	U
95-63-6	1,2,4-Trimethylbenzene	12	U
108-67-8	1,3,5-Trimethylbenzene	12	U
104-51-8	n-Butylbenzene	12	U
135-98-8	sec-Butylbenzene	12	U
98-06-6	tert-Butylbenzene	12	U
91-20-3	Naphthalene	12	U

11/1005

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCPBH11 58

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6569601

Sample wt/vol: 5.12 (g/mL) G Lab File ID: F0284.RR

Level: (low/med) LOW Date Samp/Recv: 05/18/2006 05/19/2006

% Moisture: not dec. 19.0 Date Analyzed: 05/25/2006

GC Column: DB-624 ID: 0.53 (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.	AROMATIC DERIVATIVE	9.76	88	J

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
ANALYSIS DATA SHEET

Client No.

BCPBH11 58 DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6569601DL

Sample wt/vol: 4.00 (g/mL) G Lab File ID: G2024.RR

Level: (low/med) MED Date Samp/Recv: 05/18/2006 05/19/2006

% Moisture: not dec. 19 Heated Purge: N Date Analyzed: 05/26/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
74-87-3	Chloromethane	1500	U
74-83-9	Bromomethane	1500	U
75-01-4	Vinyl chloride	1500	U
75-00-3	Chloroethane	1500	U
75-09-2	Methylene chloride	1500	U
67-64-1	Acetone	440	DJ
75-15-0	Carbon Disulfide	1500	U
75-35-4	1,1-Dichloroethene	1500	U
75-34-3	1,1-Dichloroethane	1500	U
67-66-3	Chloroform	1500	U
107-06-2	1,2-Dichloroethane	1500	U
78-93-3	2-Butanone	1500	U
71-55-6	1,1,1-Trichloroethane	1500	U
56-23-5	Carbon Tetrachloride	1500	U
75-27-4	Bromodichloromethane	1500	U
78-87-5	1,2-Dichloropropane	1500	U
10061-01-5	cis-1,3-Dichloropropene	1500	U
79-01-6	Trichloroethene	1500	U
124-48-1	Dibromochloromethane	1500	U
79-00-5	1,1,2-Trichloroethane	1500	U
71-43-2	Benzene	1800	D
10061-02-6	trans-1,3-Dichloropropene	1500	U
75-25-2	Bromoform	1500	U
108-10-1	4-Methyl-2-pentanone	1500	U
591-78-6	2-Hexanone	1500	U
127-18-4	Tetrachloroethene	1500	U
108-88-3	Toluene	1500	U
79-34-5	1,1,2,2-Tetrachloroethane	1500	U
108-90-7	Chlorobenzene	1500	U
100-41-4	Ethylbenzene	480	DJ
100-42-5	Styrene	1500	U
1330-20-7	Total Xylenes	650	DJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1500	U
156-59-2	cis-1,2-Dichloroethene	1500	U

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
ANALYSIS DATA SHEET

Client No.

BCPBH11 58 DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6569601DL

Sample wt/vol: 4.00 (g/mL) G Lab File ID: G2024.RR

Level: (low/med) MED Date Samp/Recv: 05/18/2006 05/19/2006

% Moisture: not dec. 19 Heated Purge: N Date Analyzed: 05/26/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
156-60-5	trans-1,2-Dichloroethene	1500	U
75-71-8	Dichlorodifluoromethane	1500	U
75-69-4	Trichlorofluoromethane	1500	U
79-20-9	Methyl acetate	1500	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1500	U
110-82-7	Cyclohexane	1500	U
108-87-2	Methylcyclohexane	1500	U
106-93-4	1,2-Dibromoethane	1500	U
98-82-8	Isopropylbenzene	1500	U
541-73-1	1,3-Dichlorobenzene	1500	U
106-46-7	1,4-Dichlorobenzene	1500	U
95-50-1	1,2-Dichlorobenzene	1500	U
96-12-8	1,2-Dibromo-3-chloropropane	1500	U
120-82-1	1,2,4-Trichlorobenzene	1500	U
103-65-1	n-Propylbenzene	1500	U
99-87-6	p-Cymene	1500	U
95-63-6	1,2,4-Trimethylbenzene	1500	U
108-67-8	1,3,5-Trimethylbenzene	1500	U
104-51-8	n-Butylbenzene	1500	U
135-98-8	sec-Butylbenzene	1500	U
98-06-6	tert-Butylbenzene	1500	U
91-20-3	Naphthalene	1500	U

ASP 2000 - METHOD 8260 VOLATILES PLUS STARS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCPBH11 58 DL

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6569601DL

Sample wt/vol: 4.00 (g/mL) G Lab File ID: G2024.RR

Level: (low/med) MED Date Samp/Recv: 05/18/2006 05/19/2006

% Moisture: not dec. 19.0 Date Analyzed: 05/26/2006

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	AROMATIC DERIVATIVE	11.50	490	J

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

BCPBH11 58

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6569601

Sample wt/vol: 30.94 (g/mL) G Lab File ID: V15120.RR

Level: (low/med) LOW Date Samp/Recv: 05/18/2006 05/19/2006

% Moisture: 20 decanted: (Y/N) N Date Extracted: 05/26/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	800	U
108-95-2	Phenol	120	J
111-44-4	Bis(2-chloroethyl) ether	400	U
95-57-8	2-Chlorophenol	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	400	U
98-86-2	Acetophenone	800	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-Di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
111-91-1	Bis(2-chloroethoxy) methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
91-20-3	Naphthalene	76	J
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
105-60-2	Caprolactam	800	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	970	U
92-52-4	Biphenyl	800	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethyl phthalate	400	U
606-20-2	2,6-Dinitrotoluene	400	U
208-96-8	Acenaphthylene	400	U
99-09-2	3-Nitroaniline	970	U

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

BCPBH11 58

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6569601

Sample wt/vol: 30.94 (g/mL) G Lab File ID: V15120.RR

Level: (low/med) LOW Date Samp/Recv: 05/18/2006 05/19/2006

% Moisture: 20 decanted: (Y/N) N Date Extracted: 05/26/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	970	U
100-02-7	4-Nitrophenol	970	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethyl phthalate	400	U
86-73-7	Fluorene	400	U
7005-72-3	4-Chlorophenyl phenyl ether	400	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	N-nitrosodiphenylamine	400	U
101-55-3	4-Bromophenyl phenyl ether	400	U
118-74-1	Hexachlorobenzene	400	U
1912-24-9	Atrazine	800	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
86-74-8	Carbazole	400	U
84-74-2	Di-n-butyl phthalate	400	U
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butyl benzyl phthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	Bis(2-ethylhexyl) phthalate	400	U
117-84-0	Di-n-octyl phthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenzo(a,h)anthracene	400	U

LCS - ASP 2000- SEMIVOLATILES - S
ANALYSIS DATA SHEET

Client No.

BCPBH11 58

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6569601

Sample wt/vol: 30.94 (g/mL) G Lab File ID: V15120.RR

Level: (low/med) LOW Date Samp/Recv: 05/18/2006 05/19/2006

% Moisture: 20 decanted: (Y/N) N Date Extracted: 05/26/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.9

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
191-24-2	Benzo(ghi)perylene	400	U

LCS - ASP 2000- SEMIVOLATILES - S
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BCPBH11 58

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6569601

Sample wt/vol: 30.94 (g/mL) G Lab File ID: V15120.RR

Level: (low/med) LOW Date Samp/Recv: 05/18/2006 05/19/2006

% Moisture: 20.0 decanted: (Y/N) N Date Extracted: 05/26/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 06/02/2006

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.9

Number TICs found: 4

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

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	3.49	100	J
2.	95-13-6	INDENE	6.99	250	JN
3.		UNKNOWN ALKANE	12.51	89	J
4.	112-84-5	(Z)-13-DOCOSENAMIDE	16.44	230	JN

LCS - ASP 2000 - PESTICIDES/AROCLORS - S
ANALYSIS DATA SHEET

Client No.

BCPBH11 58

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6569601

Sample wt/vol: 30.10 (g/mL) G Lab File ID: _____

% Moisture: 20 decanted: (Y/N) N Date Samp/Recv: 05/18/2006 05/19/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 05/26/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 06/02/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) Y pH: 7.90 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.1	U
72-55-9	4,4'-DDE	4.1	U
72-20-8	Endrin	4.1	U
33213-65-9	Endosulfan II	4.1	U
72-54-8	4,4'-DDD	4.1	U
1031-07-8	Endosulfan Sulfate	4.1	U
50-29-3	4,4'-DDT	4.1	U
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.1	U
7421-93-4	Endrin aldehyde	4.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor 1016	41	U
11104-28-2	Aroclor 1221	83	U
11141-16-5	Aroclor 1232	41	U
53469-21-9	Aroclor 1242	41	U
12672-29-6	Aroclor 1248	41	U
11097-69-1	Aroclor 1254	41	U
11096-82-5	Aroclor 1260	41	U

STL BUFFALO

Lender Consulting Services. Inc.

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BCPBH11 58

Contract: NY03-365

Lab Code: STLBFLO Case No.: SAS No.: SDG NO.: A06-5696

Matrix (soil/water): SOIL Lab Sample ID: AD630234

Level (low/med): LOW Date Received: 5/19/2006

% Solids: 80

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	8960		E	P
7440-36-0	Antimony	0.48	U	N	P
7440-38-2	Arsenic	2.1			P
7440-39-3	Barium	99.4			P
7440-41-7	Beryllium	0.40	B		P
7440-43-9	Cadmium	0.19	B		P
7440-70-2	Calcium	72900			P
7440-47-3	Chromium	12.5		E	P
7440-48-4	Cobalt	6.4			P
7440-50-8	Copper	13.9			P
7439-89-6	Iron	14500		E	P
7439-92-1	Lead	9.5			P
7439-95-4	Magnesium	25900		E	P
7439-96-5	Manganese	460		NE	P
7440-02-0	Nickel	15.3		E	P
7440-09-7	Potassium	2460		E	P
7782-49-2	Selenium	0.72	U		P
7440-22-4	Silver	0.32	B		P
7439-97-6	Mercury	0.015	B		CV
7440-23-5	Sodium	319	B		P
7440-28-0	Thallium	0.71	B		P
7440-62-2	Vanadium	17.1		E	P
7440-66-6	Zinc	50.9			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

Wet Chemistry Analysis

Client Sample No.: BCPBH11 58

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): SOIL Lab Sample ID: A6569601

% Solids: 81.0 Date Samp/Recv: 05/18/2006 05/19/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	1.2	U			CLP-WC	05/27/2006
Leachable pH	S.U.	7.91				9045	05/23/2006

Comments:

Wet Chemistry Analysis

Client Sample No.: BCPBH11 58

Lab Name: STL Buffalo Contract: _____

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

Matrix (soil/water): SOIL Lab Sample ID: A6569601RE

% Solids: 81.0 Date Samp/Recv: 05/18/2006 05/19/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/KG	1.7				CLP-WC	06/02/2006

Comments:

APPENDIX F

DATA USABILITY SUMMARY REPORT (DUSR)

Data Validation Services

120 Cobble Creek Road P. O. Box 208

North Creek, N. Y. 12853

Phone 518-251-4429

Facsimile 518-251-4428

September 9, 2006

Tom Forbes
Benchmark Environmental
726 Exchange St.
Buffalo, NY 14210

RE: Data Usability Summary Report for the 4 New Seventh St. site-Remedial Investigation
STL-Buffalo Package Nos. A06-5237, A06-5426, A06-5430, A06-5696, A06-6015, and A06-6547

Dear Mr. Forbes:

Review has been completed for the data packages generated by Severn Trent Laboratories that pertain to samples collected 5/09/06 through 5/26/06 at the 4 New Seventh St. site. Six soil samples (including a field duplicate) and four aqueous samples (including a field duplicate) were processed for full TCL organics (plus STARS volatiles) and TAL metals/cyanide by NYSDEC ASP CLP. Six additional soil samples were analyzed only for the volatile fraction. One of the soil samples was analyzed for TOC by Lloyd Kahn. Equipment and trip blanks were also processed.

The data packages submitted contain full deliverables for validation, but this usability report is generated from review of the summary form information, with review of sample raw data, and limited review of associated QC raw data. Full validation has not been performed. However, the reported summary forms have been reviewed for application of validation qualifiers, using guidance from the USEPA Region 2 validation SOPs, the USEPA National Functional Guidelines for Data Review, and professional judgment, as affects the usability of the data. The following items were reviewed:

* Laboratory Narrative Discussion
* Custody Documentation
* Holding Times
* Surrogate and Internal Standard Recoveries
* Matrix Spike Recoveries/Duplicate Correlations
* Field Duplicate Correlations
* Preparation/Calibration Blanks
* Control Spike/Laboratory Control Samples
* Instrumental Tunes
* Calibration/CRI/CRA Standards
* ICP Serial Dilution
* Instrument IDLs
* Sample Quantitation and Identification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review.

In summary, sample analyte values/reporting limits are usable as reported, or usable with qualification as estimated ("J" qualifier) or edit to non-detection due to typical processing or matrix effects. Numerous pesticide detections have been qualified as potential interferences. No data are rejected.

Copies of the laboratory case narratives and the sample identification summary forms are attached to this text, and should be reviewed in conjunction with this report. Also included with this narrative are red-ink edited results forms, showing edits and qualifications recommended within this report.

The following text discusses quality issues of concern.

General

Sample BCP-BH11-S8 was reported as BCP-BH11-58 by the laboratory.

Field duplicate correlations for all analytes in BCP-BH01-S06 and BCP-MW02 are within validation guidelines.

STARS and TCL/STARS Volatiles by 2000ASP CLP

Eight analytes were not evaluated in calibration standards associated with the soil samples collected 5/9/06. These have been flagged by the laboratory ("V" and "W"). Due to the similarity in expected instrumental response between those specific late-eluting aromatic hydrocarbons and the evaluated target analyte aromatics that purge, trap, and fragment with great similarity, the data for those compounds are found to be usable, but qualified as estimated with an unknown degree of bias. The laboratory searched the data specifically for those compounds, and it can be assumed that the compounds would have been detected if they had been present at levels near the reporting limit.

The detection of 2-butanone in BCP-BH10-S4 is qualified as tentative in identification and estimated in value due to interferences in the mass spectrum.

Results for analytes flagged as "E" by the laboratory are to be derived from the dilution analyses of the samples.

The following detections are considered external contamination (due to presence in the associated blanks) and are to be edited to reflect non-detection at the CRDL, or originally reported concentration, whichever is greater:

- Methylene chloride in all soils
- Acetone in BCP-BH09-S3
- Toluene in BCP-BH11 S8

Matrix spikes of BCP-BH02-S02 and BCP-MW01 show acceptable accuracy and precision, with the exception of the recoveries for 1,1-dichloroethene (50% and 49%, below 61%) in the aqueous spikes. The result for that compound in the parent sample is qualified as estimated, with a possible low bias.

Tentatively Identified Compounds (TICs) flagged as "B" by the laboratory are considered external contamination (indicated by presence in associated blanks), and results should be rejected as sample components.

Some of the samples were analyzed at dilution due to target analyte constituency. Therefore, reporting limits for non-detected compounds are elevated.

TCL Semivolatile Analyses by 2000ASP CLP

The equipment blank of 5/9/06 required a re-extraction (due to initial acid surrogate standard failure) that was performed well beyond a usable holding time (at 17 days from collection). Results for acidic compounds in that blank are therefore rejected. There is no effect on the base/neutral compounds, with the exception that the low level detections of phenolics in the field samples have not been ruled out as external contamination.

The aqueous field duplicate (Duplicate 02) required a re-extraction (due to low base/neutral surrogate recoveries-including one below 10%) that was performed beyond the required holding time. The results of the re-extraction are to be used for the base/neutral analytes, and qualified as estimated. The results for the acidic compounds can be used from the initial analysis without qualification. The results for the parent sample of this duplicate are not qualified.

Although other aqueous samples were re-extracted, they exhibited only one outlying surrogate recovery, and the initial results can be used without qualification.

Calibrations standards show acceptable responses, with the exception of 2,4-dinitrophenol (54%D) and indeno(1,2,3-cd)pyrene (36%D) in the standards associated with all samples except BCP-MW01 and Duplicate 02. The results for those compounds in the associated samples are qualified as estimated, with a possible low bias.

Detections of bis(2-ethylhexyl)phthalate in the soil samples collected 5/9/06 and the aqueous samples collected 5/26/06 are considered external contamination (due to presence in the associated blanks) and are edited to reflect non-detection at the CRDL.

TCL matrix spikes of BCP-BH02-S02 show acceptable recoveries and duplicate correlations, or elevated recoveries for analytes not detected in the parent sample.

Tentatively Identified Compounds (TICs) flagged as "B" by the laboratory are considered external contamination (indicated by presence in associated blanks), and results should be rejected as sample components. Those identified as aldol condensates ("A" flag) are analysis artifacts, and are similarly rejected. TICs also present in associated equipment blanks are also similarly rejected.

Sample BCP-MW01 was initially lost during the extraction procedure, but was recollected and reprocessed with acceptable resultant data.

TCL Pesticide/PCB Analyses by 2000ASP CLP

Due to poor dual column quantitative correlations, many of the reported pesticide detections in the aqueous samples have been qualified to reflect matrix interference contributions. Some are qualified as tentative in identification, estimated in value, or edited to reflect non-detection. Those results should be used with caution.

Matrix spikes of BCP-BH02-S02 and BCP-MW01 show acceptable accuracy and precision, or elevated recovery for analytes not detected in the parent sample. No qualification is indicated.

Surrogate recoveries of field samples are within validation guidelines and blanks show no contamination. Calibration standards also show acceptable responses.

TAL Metals/CN by NYSDEC CLP-M

The cyanide result for BCP-BH11 S8 is to be derived from the re-distillation, and qualified as estimated with a low bias, due to outlying holding time. The initial analysis was performed without sufficient QC.

The matrix spike and duplicate evaluations performed on BCP-BH11 S8 show recoveries outside the recommended limits for antimony and manganese (20% and 66%). Results for those two elements in the parent sample are therefore qualified as estimated ("J" or "UJ"). Duplicate correlations were within validation guidelines.

The matrix spike and duplicate evaluations performed on BCP-BH02 S02 show recoveries outside the recommended limits for antimony, manganese, and cyanide (-76% and 83%). Results for those three analytes in the samples collected 5/9/06 are therefore qualified as estimated ("J" or "UJ"). Duplicate correlations were within validation guidelines, with the exception of that for copper (141%RPD, sixfold variance). The results for that element are also qualified as estimated in those samples.

The matrix spike and duplicate evaluations performed on BCP-MW01 show recoveries outside the recommended limits for lead and manganese (128% and 68%). Results for those two elements in the aqueous samples are therefore qualified as estimated ("J" or "UJ"). Duplicate correlations were within validation guidelines.

The ICP serial dilution evaluation of BCP-BH11 S8 shows outlying correlations (11%D to 14%D) for aluminum, chromium, iron, manganese, nickel, and potassium. Results for those six elements in the parent sample are therefore qualified as estimated ("J")

The serial dilution of BCP-BH02-S02 shows acceptable correlations.

The ICP serial dilution evaluation of BCP-MW01 shows outlying correlation (18%D) for potassium. The result for this elements in the aqueous samples are therefore qualified as estimated ("J")

Results for cadmium in the samples collected 5/18/06 are qualified as estimated, with a possible low bias, due to low recoveries (63% to 65%) in the associated CRI standard.

Wet Chemistry Parameters-TOC

Review was conducted for method compliance, holding times, transcription, calculations, standard and blank acceptability, accuracy and precision, etc., as applicable to each procedure. All were found to be acceptable unless noted specifically within this text.

Reported results are substantiated by the raw data.

Data Completeness

The trip blank received with the aqueous samples was not present on the custody.

Some of the data packages do not contain the required NYSDEC ID/Analysis Summary Forms. Validation review was completed without them.

Although required by the protocol, laboratory raw data are not identified with the client ID.

Custody Documentation

Custodies for samples collected 5/26/06 show uninitialed writeovers on collection and release dates. These should have been dated and initialed.

The cooler temperature associated with samples collected 5/26/06 was slightly elevated (10°C) when that cooler was received at the laboratory a couple of hours after collection of the last sample. The cooler was in the process of cooling, and no qualification is made.

Please do not hesitate to contact me if you have comments or questions regarding this report.

Very truly yours,

Judy Harry

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6523701	BCP BH01 S06	SOIL	05/09/2006	12:20	05/10/2006	11:25
A6523702	BCP BH02 S02	SOIL	05/09/2006	15:00	05/10/2006	11:25
A6523702MS	BCP BH02 S02	SOIL	05/09/2006	15:00	05/10/2006	11:25
A6523702SD	BCP BH02 S02	SOIL	05/09/2006	15:00	05/10/2006	11:25
A6523703	BCP BH03 S09	SOIL	05/09/2006	16:30	05/10/2006	11:25
A6523704	BCP BH04 S07	SOIL	05/09/2006	17:30	05/10/2006	11:25
A6523706	DUPLICATE 1	SOIL	05/09/2006		05/10/2006	11:25
A6523705	EQUIPMENT BLANK	WATER	05/09/2006	09:30	05/10/2006	11:25

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
BCP BH05 S4	A6542601	ASP00	-	-	-	-	-	ASP00
BCP BH06 S3	A6542602	ASP00	-	-	-	-	-	ASP00
BCP BH07 S3	A6542603	ASP00	-	-	-	-	-	ASP00
BCP BH08 S3	A6542604	ASP00	-	-	-	-	-	ASP00
BCP BH09 S3	A6542605	ASP00	-	-	-	-	-	ASP00
BCP BH10 S4	A6542606	ASP00	-	-	-	-	-	ASP00

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6543001	BH01-BH04	SOIL	05/09/2006	17:30	05/10/2006	11:25

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6569601	BCPBH11 58	SOIL	05/18/2006	09:30	05/19/2006	10:55

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
BCPMW01	A6601501	ASP00	ASP00	-	ASP00	ASP00	-	ASP00
BCPMW02	A6601502	ASP00	ASP00	-	ASP00	ASP00	-	ASP00
BCPMW03	A6601503	ASP00	ASP00	-	ASP00	ASP00	-	ASP00
DUPLICATE 02	A6601505	ASP00	ASP00	-	ASP00	ASP00	-	ASP00
TPMW01	A6601506	ASP00	-	-	-	-	-	-
TPMW02	A6601507	ASP00	-	-	-	-	-	-
TPMW04	A6601508	ASP00	-	-	-	-	-	-
TPMW06	A6601509	ASP00	-	-	-	-	-	-
TPMW08R	A6601510	ASP00	-	-	-	-	-	-

APPENDIX G

IRM VERIFICATION SAMPLE DATA

BENCHMARK
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TABLE 1

VERIFICATION SAMPLING
SOIL ANALYTICAL DATA SUMMARY

INTERIM REMEDIAL MEASURES
FINAL ENGINEERING REPORT

4 New Seventh Street Site

PARAMETER	Sample Location									
	Bottom #1	Bottom #1A (Resample at Bottom #1)	Blind Dup #1	Bottom #2	Bottom #3	Bottom #3A (Resample at Bottom #3)	Bottom #4	Bottom #5	Bottom #6	Rec. Soil Cleanup Objectives (RSCO) (ppm) [1]
TCL VOCs (mg/Kg)										
Benzene	0.18	0.10	0.10	0.006	0.27 D	ND	0.017	0.087	0.064	**0.17**
Ethylbenzene	0.008	0.004 J	0.006	0.013	0.23 D	ND	0.015	0.001 J	ND	**11**
Toluene	0.019 B	0.008	0.003 J	0.014 B	0.095 BD	ND	0.006 B	0.004 J	0.004 J	**3**
o-Xylene	0.003 J	0.003 J	0.003 J	0.015	0.16 D	ND	0.002 J	0.002 J	0.002 J	**2.4**
m/p-Xylenes	0.02	0.014	0.016	0.053	0.64 D	ND	0.033	0.009 J	0.011 J	**2.4**
Total Xylenes	0.023	0.017	0.019	0.068	0.8 D	ND	0.036	0.011 J	0.012 J	**2.4**
Isopropylbenzene	0.004 J	0.004 J	0.008	0.003 J	0.069 D	ND	0.008	0.006	0.005 J	**-**
n-Propylbenzene	0.005 J	0.003 J	0.011	0.006	0.096 D	ND	0.013	0.008	0.005 J	**-**
p- Isopropyltoluene	ND	ND	0.001 J	0.002 J	0.032 D	ND	0.003 J	ND	ND	**-**
1,2,4-Trimethylbenzene	0.005 J	ND	ND	0.061	0.65 D	ND	0.038	ND	ND	**-**
1,3,5-Trimethylbenzene	0.003 J	ND	0.005 J	0.019	0.27 D	ND	0.020	0.003 J	ND	**-**
Methyl-t-Butyl Ether (MTBE)	ND	ND	ND	ND	ND	ND	ND	ND	ND	**-**
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**-**
sec-Butylbenzene	ND	ND	0.001 J	0.002 J	0.02 DJ	ND	0.002 J	ND	ND	**-**
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	**-**
Naphthalene	0.009	0.007	0.004 J	0.021	0.13 D	ND	0.008	ND	ND	**26**
Total VOCs (mg/kg)	***0.279***	***0.16***	***0.177***	***0.283***	***3.462***	***0***	***0.201***	***0.131***	***0.103***	**10**

Notes:

1. Values per NYSDEC Recommended Soil Cleanup Objectives and Cleanup Levels (RSCO) (TAGM #4046) with correction factor to reflect actual organic content of 2.0%.
2. Blind Duplicate #1 collected at Bottom #1A.

Definitions:

ND = Parameter not detected above laboratory detection limit.

J = Estimated value; result is less than the sample quantitation limit but greater than zero.

B = Analyte was detected in the associated blank as well as in the sample.

D= Compounds analyzed at secondary dilution factor.

BENCHMARK
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TABLE 2

VERIFICATION SAMPLING
SOIL ANALYTICAL DATA SUMMARY

INTERIM REMEDIAL MEASURES
FINAL ENGINEERING REPORT

4 New Seventh Street Site

PARAMETER	Sample Location								
	Bottom #7	Bottom #8	Bottom #9	Bottom #10	Bottom #11	Bottom #12	Bottom #13	Bottom #14	Rec. Soil Cleanup Objectives (RSCO) (ppm) [1]
TCL VOCs (mg/Kg)									
Benzene	0.013	0.16	0.003 J	0.002 J	ND	ND	ND	ND	**0.17**
Ethylbenzene	ND	0.015	ND	ND	ND	ND	0.004 J	ND	**11**
Toluene	0.003 J	0.021	0.004 BJ	0.002 J	ND	ND	ND	ND	**3**
o-Xylene	ND	0.01	0.003 J	ND	ND	ND	ND	ND	**2.4**
m/p-Xylenes	0.004 J	0.025	0.003 J	0.001 J	ND	0.002 J	0.002 J	ND	**2.4**
Total Xylenes	0.004 J	0.035	ND	ND	ND	ND	ND	ND	**2.4**
Isopropylbenzene	ND	0.012	ND	0.003 J	ND	ND	0.003 J	ND	**-**
n-Propylbenzene	ND	0.009	ND	0.001 J	ND	ND	0.004 J	ND	**-**
p- Isopropyltoluene	ND	ND	ND	ND	ND	ND	ND	ND	**-**
1,2,4-Trimethylbenzene	ND	0.002 J	ND	ND	ND	ND	ND	ND	**-**
1,3,5-Trimethylbenzene	ND	0.012	0.003 J	0.003 J	ND	ND	ND	ND	**-**
Methyl-t-Butyl Ether (MTBE)	ND	ND	ND	ND	ND	ND	ND	ND	**-**
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	**-**
sec-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	**-**
tert-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	**-**
Naphthalene	ND	0.006	ND	0.003 J	ND	ND	0.002 J	0.002 J	**26**
Total VOCs (mg/kg)	***0.024***	***0.307***	***0.016 J***	***0.015 J***	***0***	***0.002 J***	***0.015 J***	***0.002 J***	**10**

Notes:

1. Values per NYSDEC Recommended Soil Cleanup Objectives and Cleanup Levels (RSCO) (TAGM #4046) with correction factor to reflect actual organic content of 2.0%.
2. Blind Duplicate #1 collected at Bottom #1A.

Definitions:

ND = Parameter not detected above laboratory detection limit.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
B = Analyte was detected in the associated blank as well as in the sample.
D= Compounds analyzed at secondary dilution factor.

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TABLE 3

VERIFICATION SAMPLING
SOIL ANALYTICAL DATA SUMMARY

INTERIM REMEDIAL MEASURES
FINAL ENGINEERING REPORT

4 New Seventh Street Site

PARAMETER	Sample Location								
	Sidewall #1	Sidewall #2	Sidewall #3	Sidewall #4	Sidewall #5	Sidewall #6	Sidewall #7	Sidewall #8	Rec. Soil Cleanup Objectives (RSCO) (ppm) [1]
TCL VOCs (mg/Kg)									
Benzene	ND	1.2	1.2	0.018 DJ	ND	ND	ND	0.008	**0.17**
Ethylbenzene	ND	5.2	7.8	0.31 D	0.76 D	ND	ND	0.005 J	**11**
Toluene	0.012 B	0.54	1.1	0.048 BD	0.12 DJ	0.004 BJ	0.005 BJ	0.008 B	**3**
o-Xylene	ND	4.5	0.83	0.034 D	1.5 D	ND	ND	ND	**2.4**
m/p-Xylenes	ND	19	33	0.61 D	3.6 D	ND	ND	0.004 J	**2.4**
Total Xylenes	ND	24	34	0.64 D	5.1 D	ND	ND	0.004 J	**2.4**
Isopropylbenzene	ND	1.1	2.0	0.074 D	0.36 D	ND	ND	0.039	**-**
n-Propylbenzene	ND	1.6	3.3	0.13 D	0.75 D	ND	ND	0.061	**-**
p- Isopropyltoluene	ND	ND	ND	0.024 DJ	0.37 D	ND	ND	0.012	**-**
1,2,4-Trimethylbenzene	0.002 J	13	27	0.6 D	7.7 D	ND	ND	ND	**-**
1,3,5-Trimethylbenzene	ND	4.3	9.2	0.22 D	2.5 D	ND	ND	ND	**-**
Methyl-t-Butyl Ether (MTBE)	ND	ND	ND	ND	ND	ND	ND	ND	**-**
n-Butylbenzene	ND	ND	2.6	ND	ND	ND	ND	0.022	**-**
sec-Butylbenzene	ND	0.37	0.75	0.019 DJ	0.24 D	ND	ND	0.031	**-**
tert-Butylbenzene	ND	0.18	ND	ND	ND	ND	ND	0.01	**-**
Naphthalene	ND	2.3	3.8	0.18 D	1.3 D	ND	ND	0.066	**26**
Total VOCs (mg/kg)	***0.014***	***77.29***	***126.580***	***2.907***	***21.8***	***0.004 BJ***	***0.005 BJ***	***0.27***	**10**

Notes:

1. Values per NYSDEC Recommended Soil Cleanup Objectives and Cleanup Levels (RSCO) (TAGM #4046) with correction factor to reflect actual organic content of 2.0%.
2. Blind Duplicate #2 collected at Sidewall #8.

Definitions:

ND = Parameter not detected above laboratory detection limit.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
B = Analyte was detected in the associated blank as well as in the sample.
D= Compounds analyzed at secondary dilution factor.

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TABLE 4

VERIFICATION SAMPLING
SOIL ANALYTICAL DATA SUMMARY

INTERIM REMEDIAL MEASURES
FINAL ENGINEERING REPORT

4 New Seventh Street Site

PARAMETER	Sample Location						
	Blind Dup#2	Sidewall #9	Sidewall #10	Sidewall #11	Sidewall #12	Sidewall #13	Rec. Soil Cleanup Objectives (RSCO) (ppm) [1]
TCL VOCs (mg/Kg)							
Benzene	0.014	ND	ND	ND	ND	ND	**0.17**
Ethylbenzene	0.005 J	ND	ND	ND	ND	ND	**11**
Toluene	0.014 B	ND	ND	ND	ND	ND	**3**
o-Xylene	0.002 J	ND	ND	ND	ND	ND	**2.4**
m/p-Xylenes	0.008 J	ND	ND	ND	ND	ND	**2.4**
Total Xylenes	0.011 J	ND	ND	ND	ND	ND	**2.4**
Isopropylbenzene	0.031	0.014	ND	ND	ND	ND	-
n-Propylbenzene	0.046	0.014	ND	ND	ND	ND	-
p- Isopropyltoluene	0.011	ND	ND	ND	ND	ND	-
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	ND	-
1,3,5-Trimethylbenzene	ND	0.002 J	ND	ND	ND	ND	-
Methyl-t-Butyl Ether (MTBE)	ND	ND	ND	ND	ND	ND	-
n-Butylbenzene	0.019	ND	ND	ND	ND	ND	-
sec-Butylbenzene	0.025	0.003 J	ND	ND	ND	ND	-
tert-Butylbenzene	0.008	ND	ND	ND	ND	ND	-
Naphthalene	0.05	0.001 J	ND	ND	ND	ND	**26**
Total VOCs (mg/kg)	***0.244***	***0.034***	***0***	***0***	***0***	***0***	**10**

Notes:

1. Values per NYSDEC Recommended Soil Cleanup Objectives and Cleanup Levels (RSCO) (TAGM #4046) with correction factor to reflect actual organic content of 2.0%.
2. Blind Duplicate #2 collected at Sidewall #8.

Definitions:

ND = Parameter not detected above laboratory detection limit.
J = Estimated value; result is less than the sample quantitation limit but greater than zero.
B = Analyte was detected in the associated blank as well as in the sample.
D= Compounds analyzed at secondary dilution factor.

APPENDIX H

LAND USE EVALUATION

APPENDIX H
LAND USE EVALUATION

The current, intended, and reasonably anticipated future land use of the site is commercial; the reasonably anticipated future land use of its immediate surroundings is mixed commercial/office. Per draft regulations contained in 6NYCRR Part 375, the reasonably anticipated future use of the site and its surroundings is based on the following factors:

- Current use and historical and/or recent development patterns: *The 4 New 7th Street Site is a former service station located within a developed, urban area in the City of Buffalo. The site is presently being developed as a parking garage/surface lot to service an office building being constructed on the adjacent former Buffalo Service Center Site (BCP Site no. C915194).*

- Applicable zoning laws and maps: *The Site is located in an area of the City zoned commercial/community service/public service.*

- Brownfield opportunity areas as designated set forth in GML 970-r: *The Brownfield Opportunity Area (BOA) Program provides municipalities and community based organizations with assistance, to complete revitalization plans and implementation strategies for areas or communities affected by the presence of brownfield sites, and site assessments for strategic sites. The City of Buffalo presently has three BOAs; the subject property does not lie within any of these areas.*

- Applicable comprehensive community master plans, local waterfront revitalization plans as provided for in EL article 42, or any other applicable land use plan formally adopted by a municipality: *The City of Buffalo has, through SEQR, determined that use of the subject property for commercial office parking is consistent with master planning.*

- Proximity to real property currently used for residential use, and to urban, commercial, industrial, agricultural, and recreational areas: *The Site is surrounded by office, commercial and public service properties. Land use beyond the Site boundaries includes mostly mixed business/commercial/industrial/retail with one- and two-family residential housing to the north.*

- Any written and oral comments submitted by members of the public on the proposed use as part of the activities performed pursuant to the citizen participation plan: *No comments have been received from the public.*

- Environmental justice concerns, which for purposes of this subpart, include the extent to which the proposed use may reasonably be expected to cause or increase a disproportionate burden on the community in which the site is located, including low-income minority communities, or to result in a disproportionate concentration of commercial or industrial uses in what has historically been a mixed use or residential community: *None identified.*

APPENDIX H
LAND USE EVALUATION

- Federal or State land use designations: *The property is classified as urban land by the U.S. Department of Agriculture Soil Conservation Service.*

- Population growth patterns and projections: *The City of Buffalo, encompassing 40.6 square miles, has a population of 292,648 persons, a decrease of 35,527 from the 1990 U.S. census. This trend indicates an increased availability of existing residential property, which in turn supports non-residential redevelopment.*

- Accessibility to existing infrastructure: *I-190, several local roadways and Route 5 provide access to the site. Existing sanitary sewer, supplied water, electrical, natural gas and communications utilities are present immediately adjacent to the site and are of sufficient capacity for commercial redevelopment.*

- Proximity of the site to important cultural resources, including federal or State historic or heritage sites or Native American religious sites: *None.*

- Natural resources, including proximity of the site to important federal, State or local natural resources, including waterways, wildlife refuges, wetlands, or critical habitats of endangered or threatened species: *The Erie County Internet Mapping System (Ref. 11) shows that State or Federal wetlands do not exist on the subject property. Federal and state wetlands are present approximately 0.25miles west of the Site.*

- Potential vulnerability of groundwater to contamination that might emanate from the site, including proximity to wellhead protection and groundwater recharge areas and other areas identified by the Department and the State's comprehensive groundwater remediation and protection program established set forth in ECL article 15 title 31: *Groundwater at the Site is assigned Class "GA" by 6NYCRR Part 701.15. No potable wells or wellhead protection areas are known to exist within a one-mile radius of the Site.*

- Proximity to flood plains: *The Erie County Internet Mapping System indicates that the 100-year floodplain is located approximately 0.2 miles west of the Site, indicating no significant flooding risk.*

- Geography and geology: *The Site is located within the Erie-Ontario lake plain physiographic province, which is typified by little topographic relief and gentle slope toward Lake Erie, except in the immediate vicinity of major drainage ways. Surface soils within the City are characterized as urban land with level to gently 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 Buffalo.*

APPENDIX H
LAND USE EVALUATION

- Current institutional controls applicable to the site: *An Environmental Easement has been filed for the Site, restricting use to commercial/industrial and prohibiting groundwater use. The Easement is included with the Site Management Plan.*