LABELLA Associates, P.C.

Engineering
Architecture
Environmental

Remedial Investigation Report

Location:

Proposed Port of Rochester Marina and Garage
4810 Lake Avenue and 1000 North River Road
Rochester, New York 14612

Prepared for:

City of Rochester Division of Environmental Quality
City Hall – Room 300B
30 Church Street
Rochester, New York 14614

LaBella Project No. 206377

March 2007

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1.0 Introduction and Background

Currently the City of Rochester owns property within the Port of Rochester located at 4810 Lake Avenue and 1000 North River Street within the City of Rochester, Monroe County, New York which includes areas targeted for redevelopment as a marina and an underground parking garage. The Site location is illustrated on Figure 1.

The portion of the Port of Rochester targeted for development as a proposed marina is located to the north and northwest of the existing Ferry Terminal building and is shown on Figure 2. The footprint of the proposed marina is approximately 300-feet (north-south) by 550-feet (east-west). The estimated excavation depth of the marina is 13-feet below the existing surface grade. *[Note: Based on constraints of the area (i.e. the Terminal Building to the south and utilities and walkways to the north), it is assumed for the purposes of this evaluation that the proposed marina area defined above includes the required construction area for wall systems (e.g. tie backs).]*

The portion of the Port of Rochester targeted for a parking garage is generally located in the existing parking lot to the west of the access road for the Ferry Terminal building and south of Corrigan Street and is also shown on Figure 2. This area is approximately 225-feet (east-west) by 225-feet (north-south). The estimated excavation depth for construction of the proposed parking garage which will be partially below grade is 18-feet below the existing surface grade.

The development areas for the proposed marina and proposed underground garage, as described above, will hereafter be referred to as "the Site".

Based on previous environmental investigations conducted at the Port of Rochester Site, it has been documented that slag, cinders, foundry waste and other man-made fill has been placed as backfill within the footprint of the two proposed development areas. In addition, a former railroad turntable was located in the north-central portion of the footprint of the proposed marina development (refer to Figure 2). The fill materials and historical Site use represent an environmental concern for redevelopment of the Site. As such, the City of Rochester requested that a Remedial Investigation (RI) be completed to evaluate environmental issues associated with the redevelopment of the marina and underground garage at the Port of Rochester Site.

The primary focus of this RI was to evaluate the horizontal and vertical extent of Regulated Solid Waste and slag at the Site, to evaluate for localized areas of subsurface impacts due to historic operations and/or fill materials, and to analyze and characterize the regulated solid waste to identify potential constituents of environmental concern.

2.0 Objective

The specific objectives of this Remedial Investigation were as follows:

- Define the nature and extent of contamination on-site, specifically the limits and thickness of fill layers that contain slag and other Regulated Solid Waste;

- Identify contaminant sources;
- Provide verifiable analytical results in accordance with the quality assurance procedures as defined by Section 2 of the New York State Department of Environmental Conservation (NYSDEC) Department of Environmental Remediation Technical Guidance Document No. 10 (DER-10);
- Evaluate fill materials in general accordance with NYSDEC DER-10 Section 3.11 (Historic Fill Material);
- Define groundwater characteristics including: approximate soil permeability, impacts to groundwater, depth to saturated zone, hydrogeologic gradients, and current and potential groundwater use; and
- Evaluate the need for augmenting the existing Environmental Management Plan (EMP) for managing Regulated Solid Waste and the need for engineering and/or institutional controls for use during the Port of Rochester redevelopment.

The Scope of Work was completed in order to generally meet the requirements of the Municipal Assistance for Environmental Restoration Projects Procedures Handbook dated July 2004.

3.0 Scope of Work

To accomplish the above objectives, the following Scope of Work was implemented as part of the RI:

1. LaBella prepared a Remedial Investigation Work Plan to act as a guide in accomplishing the project objectives. The RI Work Plan included a site-specific Health and Safety Plan (HASP) in accordance with applicable Federal, State and local statutes and regulations, a Quality Assurance Project Plan conforming to NYSDEC Environmental Restoration Program (ERP) protocols and NYSDEC DER-10 guidance, and a Community Air Monitoring Plan (CAMP);

2. An Underground Facilities Protection Organization (UFPO) stakeout was conducted at the Site, to locate subsurface utilities in the areas where the subsurface assessment and delineation would take place. Based on the available information regarding underground utilities at the Site, LaBella prepared a digitized map of all existing underground utilities at the Site and created a Geographic Information System (GIS) shapefile.

3. LaBella Associates retained the services of Nothnagle Drilling Company (Nothnagle), a specialized environmental drilling contractor, to implement the soil and groundwater sampling program within and in proximity to the footprints of the proposed marina and garage at the Site. The fieldwork was completed in two phases between August 29, 2006 and November 9, 2006. Eighteen (18) test borings were advanced and three (3) groundwater monitoring wells were installed as part of the first round of fieldwork conducted between August 31 and September 1, 2006. Subsequent to receiving and reviewing the soil and groundwater analytical data for Round 1, an additional twenty-four (24) soil borings were advanced for the second round of fieldwork which was conducted between November 6 and 9, 2006. [Note: The RI Work Plan was designed to implement the fieldwork in three (3) phases. However, based on the findings of the first round of the investigation and in consultation with the City of Rochester DEQ, rounds 2 and 3 were

combined and conducted simultaneously.] Upon completion of combined Rounds 2 and 3 for the proposed marina development area, an additional three (3) test borings were advanced (with one (1) boring converted to a groundwater monitoring well) on November 9 and 10, 2006. These additional investigative points were designed to provide additional coverage for the proposed garage area at the Site. Specifically, the test borings were completed in the following areas:

- Test borings BH-1 through BH-6 were advanced in the vicinity of the reported location of a former railroad tracks and railroad turntable located in the north-central portion of the of the proposed marina study area;
- Test boring BS-1 through BS-36 were advanced within and in proximity to the footprint of the proposed marina study area;
- Test borings BS-37 through BS-39 were advanced within the footprint of the proposed underground parking garage. In addition, test borings BS-10 and BS-27, which were completed for the investigation of the proposed marina study area, but were located on the northern edge of the proposed garage study area, were also used to evaluate subsurface conditions for the proposed garage study area.

The test boring locations are presented on Figure 2.

4. Soils from the borings were continuously assessed for the presence of fill materials, Regulated Solid Waste, visible impairment, olfactory indications of impairment, and/or indication of detectable volatile organic compounds (VOCs) on a Photo-Ionization Detector (PID) total VOC meter. Positive indications from any of these screening methods were collectively referred to as "evidence of impairment." Evidence of impairment and the presence of Regulated Solid Waste gathered at the time of the fieldwork was used to determine the monitoring well locations and was also used to roughly determine the vertical and horizontal extent of impairment and fill layers containing Regulated Solid Waste.

5. Soil and representative fill samples were selected for analysis based on evidence of impairment and the nature of the fill materials. Samples were analyzed for one or more of the following analytical parameters based on the location collected, physical makeup, and the suspect constituents of concern:
    - VOC analysis by United States Environmental Protection Agency (USEPA) Method 8260B Target Compound List (TCL) plus twenty (20) Tentatively Identified Compounds (TICs);
    - VOC analysis by United States Environmental Protection Agency (USEPA) Method 8260B TCL;
    - VOC analysis by United States Environmental Protection Agency (USEPA) Method 8260B TCL and NYSDEC Spill Technology and Remediation Series (STARS) Compounds;
    - Full Base Neutral semi-volatile organic compound (SVOC) analysis by USEPA Method 8270C TCL plus twenty (20) Tentatively Identified Compounds (TICs);
    - SVOC analysis by USEPA Method 8270C TCL;

- SVOC analysis by USEPA Method 8270C NYSDEC STARS;
- Priority Pollutant List (PPL) Metals analysis by USEPA Methods 6010 and 7471;
- Target Analyte List (TAL) Metals analysis by USEPA Methods 6010 and 7471;
- Resource Conservation and Recovery Act (RCRA) Metals analysis by USEPA Methods 6010 and 7471;
- Polychlorinated Biphenyl (PCB) analysis by USEPA Method 8082A;
- Pesticide analysis by USEPA Method 8081B;
- Cyanide analysis by USEPA Method 9012A;
- Total Organic Carbon (TOC) analysis by the KAHN Method;
- Total Petroleum Hydrocarbon (TPH) analysis by USEPA Method 1664; and/or
- Arsenic, Cadmium, Chromium and Mercury analysis by USEPA Methods 6010 and 7471.

6. A total of three (3) shallow, two-inch diameter polyvinyl chloride (PVC) groundwater monitoring wells were installed within selected boreholes completed within the proposed marina area of the Site. In addition, one (1) shallow, two-inch diameter polyvinyl chloride (PVC) groundwater monitoring well was installed within the proposed underground garage area of the Site. The locations of the monitoring wells are illustrated on Figure 2. Groundwater samples were analyzed for a combination of the following analyses based on the location collected and the issue of concern:
    - VOC analysis by United States Environmental Protection Agency (USEPA) Method 8260B TCL;
    - SVOC analysis by USEPA Method 8270C TCL;
    - TAL Metals analysis by USEPA Methods 6010 and 7471;
    - PCB analysis by USEPA Method 8082A; and
    - Pesticide analysis by USEPA Method 8081B.
7. Soil, fill and groundwater samples were collected in laboratory supplied bottleware and sent under Chain of Custody procedures to Severn-Trent Laboratories, Inc. (STL) of Buffalo, New York for analysis under the NYSDEC Analytical Services Protocol (ASP) Category B deliverable to produce a validatable data package. STL is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified laboratory for the parameters tested.
8. LaBella surveyed the location of each test boring utilizing a Trimble Model GeoXT global positioning system (GPS) unit equipped with Trimble GeoBeacon radio frequency cross-referencing unit.

9. LaBella surveyed the top-of-casing for each monitoring well to a Rochester Topographic Survey (RTS) monument to provide a measurement point for each well relative to a common datum. The casing elevations and static water levels were used to generate Site-specific groundwater contours and to calculate groundwater hydraulic gradients.

10. LaBella conducted rising head hydraulic conductivity tests on three (3) selected monitoring wells at the Site to determine the hydraulic conductivity of the screened area in the vicinity of the tested wells.

4.0 Rotary Drill Rig Test Boring and Groundwater Investigation

4.1 Methodology

Soil Boring Program

Borings for the investigation of the proposed marina and underground garage area at the Site were advanced with a truck-mounted rotary drill. The use of rotary drilling technology allows for relatively rapid sampling, observation and characterization of discrete intervals of overburden soils. The borings for the first round of the investigation of the proposed marina area were completed utilizing a Brainhard-Kimar Model BK-81 truck-mounted rotary drill rig. The borings for the combined second and third rounds of the investigation of the proposed marina area and the investigation of the proposed garage area were completed utilizing a CME Model 75 truck-mounted rotary drill rig. Both rigs were equipped with 4.25-inch inside diameter (ID) hollow-stem augers to penetrate the overburden and 2-inch by 2-foot split-spoon samplers. The split-spoons were driven into the soil using a 140-pound safety hammer allowed to freefall 30-inches in accordance with American Society for Testing and Materials (ASTM)-D 1586-84 standard procedures. The number of blows needed to drive the sampler each 6-inches of penetration were recorded on the Soil Boring Log sheets which are included in Appendix 1.

Each split-spoon sampler was decontaminated prior to each use with an Alconox detergent and water solution wash followed by a potable water rinse. The soil augers, drilling tools and split-spoon samplers were also decontaminated utilizing a pressurized steam cleaner between each boring.

At each sampling location, soils were sampled continuously over the entire length of the boring. Each soil sample was visually inspected by a LaBella environmental geologist for the presence of fill layers (primarily slag), stains and monitored with a PID to help determine potential for vertical migration of contaminants. The test borings were sampled continuously over the entire depth of the boring. The sampling device was decontaminated according to procedures outlined in the decontamination section of the RI Work Plan. Soil samples were classified in accordance with Unified Soil Classification System (USCS) specifications, and logged on the Soil Boring Log datasheets.

- A total of eighteen (18) test borings (designated BH-1 through BH-6 and BS-1 through BS-12) were advanced at the Site for the first round of the investigation of the proposed marina area on August 29 through September 1, 2006. A total of twenty-four (24) test borings (designated BS-13 through BS-36) were advanced at the Site for the combined second and third rounds of the investigation of the proposed marina area on November 6 through November 9, 2006. Finally, three (3) test borings (designated BS-37 through BS-39) were

advanced at the Site for the investigation of the proposed underground garage area on November 9 and 10, 2006.

All soil and representative fill samples were placed in laboratory supplied bottle wear, stored in coolers with ice packs and transported under chain of custody procedures to LaBella's office. Upon arrival at LaBella's office, the samples were placed in LaBella's sample refrigerator until submitted for laboratory testing. Selected soil samples chosen for analytical testing were placed in a cooler with ice packs and transported under chain of custody procedures by a laboratory supplied currier to STL for analysis.

Overburden Well Installation Program:

Three (3) shallow overburden groundwater monitoring wells were installed within three of the test borings advanced within the footprint of the proposed marina at the Site on August 29 through September 1, 2006. Monitoring well MW-BH6 was installed within test boring BH-6 to assess groundwater conditions in the former railroad turntable in the north-central portion of the proposed marina footprint. Monitoring well MW-BS5 was installed within test boring BS-5 to assess groundwater conditions in the southwest portion of the proposed marina footprint. Monitoring well MW-BS6 was installed within test boring BS-6 to assess groundwater conditions in the northeast portion of the proposed marina footprint. In addition, one (1) shallow overburden groundwater monitoring well, MW-BS39, was installed within test boring BS-39 to assess groundwater conditions in the footprint of the proposed underground garage.

The wells were constructed using 15 to 18-feet of 0.010 inch slotted; 2 inch ID Schedule 40 PVC well screen manifolded to an appropriate length of 2-inch ID Schedule 40 PVC riser pipe installed to the base of the boring. The length of each well screen was designed to intercept the top of the water table within the boring, allowing for the observation and sampling of light, non-aqueous phase liquids (LNAPL), if encountered. A filterpack consisting of 00N quartz sand was installed in the annular space surrounding the well to a height of approximately 0.5 to 1.9-feet above the top of the well screen. A bentonite pellet seal was then installed above the sand pack to prevent the intrusion of surface runoff. Each well was completed with a flushmount road box set in a 1 foot thick concrete pad.

A minimum of two days after completion of the well, each well was developed by alternately surging and bailing the well using a dedicated, polyethylene bailer. No dispersing agents, acids, disinfectants, or other additives were used during development or introduced into the well at any other time. During development, water was removed throughout the entire water column using the dedicated bailer and staged on-site in 55-gallon steel drums pending analytical results. The well development included washing the entire well cap and the interior of the well casing above the water table, using only water from the well itself.

The development process continued until the following water quality parameters stabilized: pH, specific conductance, temperature, and clarity (goal of <50 NTUs) or for a maximum of two hours. For each well, the parameters pH, specific conductance, and temperature stabilized after the removal of 10 to 11 well volumes from the well. However, the clarity of the water in each well remained greater than 1,000 NTUs with no observable improvement in the turbidity of the development water.

After final development of the well, water levels were recorded and a sample of the purge water from each well was collected in a clear glass jar, labeled and photographed, and submitted as part of the well log. The photograph was taken to show the relative clarity of the water. Visual identification of the physical characteristics of removed sediments was recorded.

A minimum of two days after completion of development, the four (4) wells at the Site were purged and sampled using low flow methodologies on November 15, 2006. *[Note: Low-flow sampling was conducted in order to reduce the amount of entrained sediments in the sample. The City of Rochester DEQ was consulted prior to initiating the low-flow sampling.]* The samples were collected using a Geotech Series II Peristaltic Pump. A length of dedicated polyethylene tubing was placed in each well with the bottom of the tubing installed to the midpoint of the well screen for the well. In addition, a new section of flexible tubing was installed in the pumping wheels for each well to prevent cross-contamination of the samples. Field measurements of the parameters pH, specific conductance, ORP, turbidity and temperature were collected using a Hach SensIon Model 156 water quality meter.

Water quality parameter readings were recorded at regular intervals. Groundwater samples were collected after the purging parameters had stabilized to ± 5 percent and the turbidity of the purge water was below 50 NTUs. Samples for analysis for SVOCs, PCBs, pesticides and metals were collected using the peristaltic pump. The tubing was then removed from the well, and the well was then allowed to rest for a minimum of 1-hour prior to the collection of samples for VOC analysis which were collected using the bailer dedicated to each well. Groundwater sampling logs that include the in-field parameters measurements are included in Appendix 1.

STL in Buffalo, New York analyzed the groundwater samples. STL is a NYSDOH ELAP-certified laboratory. The samples were submitted to STL for analysis of the following parameters:

- VOC analysis by United States Environmental Protection Agency (USEPA) Method 8260B TCL;
- SVOC analysis by USEPA Method 8270C TCL;
- TAL Metals analysis by USEPA Methods 6010 and 7471;
- PCB analysis by USEPA Method 8082A; and
- Pesticide analysis by USEPA Method 8081B.

All groundwater samples were placed in laboratory supplied bottle wear, stored in coolers with ice packs and transported under chain of custody procedures to STL for analysis by a laboratory supplied currier.

Copies of the groundwater development and sampling logs are presented in Appendix 1.

In-Situ Hydraulic Conductivity Testing:

Hydraulic Conductivity Testing was completed on monitoring wells MW-BH6, MW-BS5, and MW-BS39 on November 27, 2006. The single-well, rising head conductivity tests were performed in order to determine the in-place hydraulic conductivity of unconsolidated and/or consolidated geologic materials, which occur in the monitoring interval of the newly installed wells. Due to the anticipated high recovery rate of the wells at the Site, the tests were performed by removing one bailer of water with the recovery measured utilizing an In-Situ MiniTroll pressure transducer system.

The rising head tests were conducted as follows:

- The static water level in the well to be tested was measured and recorded;
- The pressure transducer was then placed in the well to a minimum depth of five feet below the static water level;
- Readings were made using the data logger until three consecutive readings were the same (equilibrium conditions);
- The data logger was then calibrated to read 0.00-feet at static conditions. The dedicated bailer for the well being tested was then lowered into the well and placed just below the water surface.
- Water level measurements were made until the water level returns to static conditions following introduction of the bailer;
- Once static conditions were reestablished, the bailer was rapidly removed from the water column thereby creating an instantaneous decline of the water level in the well. Coincident with the withdrawal of the bailer, automatic logging of the water levels was initiated using the data logger;
- Water level measurements were made automatically at half second intervals using the data logger until water level recovered to within a minimum of 10 percent of the original static water level (90 percent recovery);
- Using the test data collected for each rising head hydraulic conductivity test, the estimated hydraulic conductivity of each well was calculated using the Bouwer and Rice Method.

Copies of the Hydraulic Conductivity Test Calculation Reports are presented in Appendix 2.

4.2 Field Activities

The test borings completed at the Site were advanced to depths ranging from 14.0 to 22.0-feet below the ground surface with all borings terminated in native soil deposits. The soil and fill materials collected from the borings was continuously assessed by a LaBella Associates' Environmental Geologist for soil type, changes in lithology, and evidence of impairment.

Soil Type (Geology) — Proposed Marina Study Area:

Within the proposed Port marina study area, Topsoil deposits were encountered at the ground surface in test borings BS-2, BS-3, BS-6, BS-9 through BS-14, BS-16, BS-17, BS-20, BS-21, BS-24, and BS-27 through BS-30. These Topsoil deposits generally consisted of dark brown fine-grained SAND with trace to little Silt and trace to little medium to fine-grained Gravel and containing organic matter including roots, root traces and humus. The Topsoil deposits were found to range from 0.2 to 0.7-feet in thickness. Asphalt pavement, generally 5 to 6-inches thick with an underlying 5 to 6-inch layer of crushed gravel subbase was encountered at the ground surface at test boring locations BH-1 through BH-6, BS-1, BS-4, BS-5, BS-7, BS-15, BS-22, BS-23, BS-25, BS-26 and BS-31 through BS-34.

Soils encountered at the ground surface at test boring locations BS-18, BS-19, BS-35 and BS-36 and beneath either the Topsoil layer or asphalt pavement/subbase with all the remaining borings within the proposed marina study area consisted of Fill Material. The Fill Material deposits ranged in texture from a coarse to fine-grained SAND with some coarse to a fine-grained Gravel to fine-grained SAND with trace to no Silt and trace to no fine-grained Gravel. The Fill Material deposits were identifiable by the presence of man-made materials including slag, cinders, foundry sand, ash, concrete fragments, asphalt, refractory sand, coal dust and fragments, brick fragments, creosote treated wood and/or glass. Fill Material deposits within the proposed marina study area ranged from 0.4 to approximately 9-feet thick with the thicker fill material deposits generally located in the southern and eastern portions of the study area in the vicinity of test borings BS-5, BS-6, BS-9, BS-14, BS-16, BS-17, BS-21, BS-27, BS-28, BS-29 and BS-31. Fill Material deposits containing Regulated Solid Waste within the proposed marina study area ranged from approximately 1 to 7-feet thick and were generally thicker within the southern portion of the study area. In the northern portion of the study area, slag and foundry waste were generally mixed with native soil or encountered in thin layers that did not appear to be continuous across the area. The concentrations of slag and foundry wastes within the Fill Material deposits appeared to increase southward with test borings completed in the southern portion of the study area containing layers of nearly pure slag, cinders, ash, and/or ash containing little or no soil. Based on visual observation, four distinct types of slag waste were encountered within the Fill Material. These included a blue-green slag, a black metallic slag, a gray slag and a white slag. The average thickness of Fill Materials encountered within the proposed marina study area, including existing asphalt pavement and Regulated Solid Waste, was determined to be 4.5-feet with a total estimated volume to be excavated of approximately 22,495 cubic yards. The average thickness of Regulated Solid Waste encountered within the proposed marina study area was determined to be 3.0-feet with a total estimated volume to be excavated of approximately 14,470 cubic yards.

The Fill Material within all borings completed within the proposed marina study area was underlain by native soil deposits consisting of Lacustrine (beach) deposits mixed with Alluvial (deltaic) deposits. These native soil deposits generally ranged in texture from coarse to fine-grained SAND with trace to no Silt & Clay and trace to no fine-grained Gravel to Clayey SILT with trace to no very fine-grained Sand. Peat was also encountered within the native soil deposits either mixed with sand and silt or in thin layers composed predominantly of peat.

Bedrock was not encountered in any test borings completed in the proposed marina study area to depths of 20-feet below ground surface. Based upon the findings of previous investigations completed within the Port of Rochester, the depth to bedrock beneath the proposed marina study area ranges from approximately 55-feet below ground surface in the western portion of the study area to 67-feet below ground surface in the eastern portion of the study area along the Genesee River.

Groundwater contours were derived from water level elevations collected on November 15, 2006 from the three monitoring wells installed within the proposed marina study area and one monitoring well installed within the proposed underground garage study area. The depth to water on November 15, 2006 within the proposed marina study area ranged from approximately 4.4 to 6.0-feet BGS with a groundwater elevation of approximately 247-feet above mean sea level. The hydraulic gradient across the proposed marina study area was relatively flat with hydraulic gradients ranging from 0.00038-feet/foot in the eastern portion of the study area to 0.0018-feet/foot in the western portion of the study area. Groundwater flow beneath the proposed marina study area generally toward the south-southwest.

The approximate locations of the test borings and monitoring wells completed within the proposed marina study area is presented as Figure 2. A contour map of the thicknesses of the regulated solid waste encountered within the fill material is presented as Figure 3. A contour map of the water table beneath the study area for water levels collected November 15, 2006 is presented as Figure 4.

Soil Type (Geology) — Proposed Underground Garage Area:

Three test borings, designated BS-37 through BS-39 were completed within the proposed Port underground garage study area. In addition, test borings BS-10 and BS-27, which were completed for the investigation of the proposed marina study area, but are located in near proximity to the proposed garage study area, were also used to evaluate subsurface conditions in the proposed garage study area. A Topsoil deposit was encountered at the ground surface in test borings BS-10 and BS-37. This Topsoil deposit ranged from 0.5 to 0.6-feet thick and consisted of dark brown fine-grained SAND with little Silt and trace to little fine-grained Gravel containing organic matter including roots, root traces and humus. Asphalt pavement, generally 6-inches thick with an underlying 7 to 8-inch layer of crushed gravel subbase was encountered at the ground surface at test boring location BS-27, BS-38 and BS-39. The average thickness of Fill Materials encountered within the proposed garage study area, including existing asphalt pavement and Regulated Solid Waste, is approximately 13.0-feet with a total estimated volume to be excavated of approximately 22,290-cubic yards. The average thickness of Regulated Solid Waste encountered within the proposed marina study area was determined to be 11.9-feet with a total estimated volume to be excavated of approximately 19,570-cubic yards.

A Fill Material deposit was encountered beneath the topsoil or surface asphalt/subbase layers within all three borings completed within the proposed underground garage study area. This Fill Material deposit ranged from approximately 4.3-feet thick at boring BS-10 to 18.05-feet thick at boring BS-39. The Fill Material deposit was identifiable by the presence of man-made materials including slag, foundry sand, and ash. The Fill Material deposit encountered within the proposed underground garage study was composed predominantly of slag with some to little ash and trace to no native soil material. Based on visual observation, five distinct types of slag waste were encountered within the fill material. These included a blue-green slag, a greenish-gray slag, a black metallic slag, a gray slag and a white slag. In addition, based on visual observations, blow counts and the behavior of the augers while drilling, the slag layers appeared to be partially fused.

Bedrock was not encountered in any test borings completed in the proposed underground garage study area to depths of 22-feet below ground surface. Based upon the findings of previous investigations completed within the Port of Rochester, the depth to bedrock beneath the proposed underground garage study area ranges from approximately 55 to 60-feet below ground surface.

Groundwater contours were derived from water level elevations collected on November 15, 2006 from the three monitoring wells installed within the proposed marina study area and one monitoring well installed within the proposed underground garage study area. The depth to water on November 15, 2006 within the proposed garage study area well MW-BS39 was 8.2-feet BGS with a groundwater elevation of approximately 246.8-feet above mean sea level. The hydraulic gradient across the proposed garage study area was relatively flat with a hydraulic gradient of approximately 0.00046-feet/foot. Groundwater flow beneath the proposed marina study area generally toward the southwest.

The approximate locations of the test borings and monitoring wells completed within the proposed underground garage study area are presented as Figure 2. A contour map of the thicknesses of the regulated solid waste encountered within the fill material is presented as Figure 3. A contour map of the water table beneath the study area for water levels collected November 15, 2006 is presented as Figure 4.

PID Field Screening:

Tables 1A and 1B show PID readings collected from the test borings completed within the proposed marina and proposed underground garage study areas at the time of the fieldwork.

As noted in Tables 1A and 1B, elevated PID readings (greater than 5.0 ppm) were encountered in soil collected from test borings BS-21, BS-22, BS-27 and BS-28 which were completed in the proposed marina study area as well as test borings BS-38 and BS-39 which were completed within the proposed underground marina study area.

The approximate locations of test borings and groundwater monitoring wells at the Site are depicted on Figure 2 (attached). Copies of the Test Boring Logs, Monitoring Well Construction Logs, Monitoring Well Development Logs and Monitoring Well Sampling Logs are included in Appendix 1.

5.0 Analytical Testing and Results

A total of twenty-eight (28) soil and representative fill samples were submitted for laboratory testing from twenty-three (23) test borings completed for the RI of the proposed marina study area. Twenty (20) soil and representative fill samples were submitted for laboratory testing from fifteen (15) test borings completed on August 29 through September 1, 2006 for the first round of the RI of the proposed marina study area. An additional eight (8) soil and representative fill samples were submitted for laboratory testing from eight (8) test borings completed on November 6 through November 9, 2006 for the combined second and third rounds of the RI of the proposed marina study area. In addition, a total of three (3) groundwater samples collected from wells completed within the proposed marina study area were submitted for laboratory testing on November 15, 2006.

A total of three (3) representative fill samples were submitted for laboratory testing from three (3) test borings completed on November 9 and 10, 2006 for the RI Investigation of the proposed underground garage study area. In addition, one (1) groundwater sample collected from monitoring well MW-BS39 which was completed within the proposed underground garage study area was submitted for laboratory testing on November 15, 2006.

All samples were sent under Chain of Custody control to STL in Amherst, New York.

5.1 Soil Sampling—Proposed Marina Study Area

The soil and representative fill samples submitted for laboratory analysis and the analytical method utilized are shown in Tables 1A and 1B. In addition, the soil/fill sampling results are also shown on Figures 5 and 5A.

The analytical test results for the soil samples are compared to the Remedial Program Soil Cleanup Objectives (RPSCOs) referenced in 6 NYCRR Subpart 375-6, effective December 14, 2006, for the Protection of Public Health—Commercial Use and for the Protection of Groundwater. A discussion of the soil sampling results for the proposed marina study area is provided below.

Volatile Organic Compounds—Proposed Marina Study Area:

Summary of the VOC analytical results for soil and representative fill samples from the first round and the combined second and third rounds of the RI of the proposed marina study area are presented in Tables 2A and 2B.

As shown in Tables 2A and 2B, VOCs were detected above the reported laboratory method detection limits (MDLs) in eleven (11) of the eighteen (18) soil and representative fill samples analyzed. The detected VOCs included acetone, methylene chloride, trichlorofluoromethane, carbon disulfide and naphthalene. In most cases, the detected compounds were qualified by the laboratory as being estimated values below the quantitation limit (but greater than zero) or were detected in the laboratory blanks associated with the analysis. None of the VOCs detected were at concentrations exceeding either their associated RPSCOs for Commercial Use or the Protection of Groundwater.

Semi-Volatile Organic Compounds—Proposed Marina Study Area:

Summary of the SVOC analytical results for soil and representative fill samples from the first round and the combined second and third rounds of the RI of the proposed marina study area are presented in Tables 3A and 3B.

As shown on Tables 3A and 3B, SVOCs were detected above the reported laboratory MDLs in eleven (11) of the eighteen (18) soil and representative fill samples analyzed. The detected SVOCs included acenaphthalene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, benzo(a)pyrene, chrysene, dibenzo(a,h)anthracene, fluoranthene, fluorene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, pyrene, bis-2-EthylHexyl Phthalate, Carbazole, Dibenzofuran and 2-Methylnaphthalene.

The concentrations of benzo(a)anthracene detected in the samples collected from test borings BS-5 [1.0'-6.2'] and BS-30 [0.5'-1.1'] were 1,800 and 20,000-ug/kg, respectively. These concentrations exceed the RPSCO for the Protection of Groundwater of 1,000-ug/kg. In addition, the detected concentration of benzo(a)anthracene for the sample collected from BS-30 also exceeded its RPSCO for Commercial Use of 5,600-ug/kg.

The concentrations of benzo(b)fluoranthene detected in the samples collected from test borings BS-5 [1.0'-6.2'] and BS-30 [0.5'-1.1'] were 1,600 and 27,000-ug/kg, respectively. These concentrations exceed its RPSCO for the Protection of Groundwater of 1,700-ug/kg. In addition, the detected concentration of benzo(b)fluoranthene for the sample collected from BS-30 also exceeded its RPSCOs for Commercial Use of 5,600-ug/kg.

The concentration of benzo(k)fluoranthene detected in the sample collected from test boring BS-30 [0.5'-1.1'] was 11,000-ug/kg which exceeds its RPSCO for the Protection of Groundwater of 1,700-ug/kg, but was below its RPSCO for Commercial Use of 56,000-ug/kg.

The concentrations of benzo(a)pyrene detected in the samples collected from test borings BS-5 [1.0'-6.2'] and BS-30 [0.5'-1.1'] ranged from 2,200 to 21,000-ug/kg, respectively. These concentrations exceed its RPSCO for Commercial Use of 1,000-ug/kg, but were below its RPSCO for the Protection of Groundwater of 22,000-ug/kg.

The concentrations of chrysene detected in the samples collected from test borings BS-5 [1.0'-6.2'] and BS-30 [0.5'-1.1'] were 1,600 and 18,000-ug/kg, respectively. These concentrations exceed its RPSCO for the Protection of Groundwater for chrysene of 1,000-ug/kg, but were below its RPSCO for Commercial Use of 56,000-ug/kg.

The concentration of dibenz(a,h)anthracene detected in the sample collected from test boring BS-30 [0.5'-1.1'] was 3,300-ug/kg which exceeds its RPSCO for Commercial Use of 560-ug/kg, but was below its RPSCO for the Protection of Groundwater of 1,000,000-ug/kg. The detected value of dibenz(a,h)anthracene was qualified by the laboratory as being an estimated value below the quantitation limit, but greater than zero.

The concentration of indeno(1,2,3-cd)pyrene detected in the sample collected from test boring BS-30 [0.5'-1.1'] was 9,500-ug/kg which exceeds its RPSCO for the Protection of Groundwater of 8,200-ug/kg as well as its RPSCO for the Protection of Public Health—Commercial Use of 5,600-ug/kg.

Soil samples from test borings BS-5 [1.0'-6.2'], BS-9 [2.0'-4.6'], and BS-9 [6.0'-6.9'] were also analyzed for tentatively identified SVOCs. The detected concentrations of total tentatively identified SVOCs ranged from 720 to 6,840-ug/kg. The detected concentrations of total SVOCs, including TICs ranged from non-detectable levels to 211,980-ug/kg. The NYSDEC has not currently developed RPSCO for total SVOCs (i.e. summation of total SVOCs detected).

No other SVOCs were detected at concentrations exceeding either their associated RPSCO for the Protection of Groundwater or their associated RPSCO for the Protection of Public Health—Commercial Use.

Pesticides—Proposed Marina Study Area:

A summary of the Pesticide analytical results for soil and representative fill samples from the first round of the RI of the proposed marina study area is presented in Table 4. No soil samples from the combined second and third rounds of the RI of the proposed marina study area were analyzed for pesticides.

As noted in Table 4, the pesticides beta-BHC, delta-BHC, gamma-BHC, 4,4'-DDD, 4,4'-DDT , dieldrin, endosulfan II, endosulfan sulfate, endrin, endrin aldehyde, heptachlor epoxide, and methoxychlor were detected at levels above the reported laboratory MDLs in samples collected from test borings BS-5 [1.0'-6.2'], BS-7 [1.0'-2.8'], BS-7 [4.0'-7.6'], BS-9 [2.0'-4.6'] and BS-9 [6.0'-6.9']. None of the pesticides detected were at concentrations exceeding either their associated RPSCO for the Protection of Groundwater or RPSCO for the Protection of Public Health—Commercial Use.

PCBs—Proposed Marina Study Area:

PCBs were not detected in the seven (7) soil and representative fill samples submitted from the proposed marina study area at concentrations above the reported laboratory MDLs.

Metals—Proposed Marina Study Area:

A summary of the metals analytical results for soil and representative fill samples from the first round and the combined second and third rounds of the RI of the proposed marina study area are presented in Tables 5A and 5B.

As shown on Tables 5A and 5B, metals were detected above the reported laboratory MDLs in all twenty-three (23) of the soil and representative fill samples analyzed from the proposed marina study area. The detected metals included aluminum, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, nickel, potassium, silver, sodium, vanadium and zinc.

The detected concentrations of arsenic in the samples collected from test borings BS-27 [4.5'-5.5'] and BS-31 [2.0'-2.9'] were 18.5 and 18.7-mg/kg, respectively. These concentrations slightly exceeds the RPSCO for the Protection of Groundwater of 16-mg/kg and the RPSCO for the Protection of Public Health—Commercial Use of 16-mg/kg.

The detected concentration of barium in the sample collected from test boring BH-5 [1.0'-4.2'] was 558-mg/kg which exceeds its RPSCO for the Protection of Public Health—Commercial Use of 400-mg/kg, but was below its RPSCO for the Protection of Groundwater of 820-mg/kg.

The detected concentrations of chromium in the samples collected from test borings BS-7 [1.0'-2.8'], BS-27 [4.5'-5.5'] and BS-31 [2.0'-2.9'] ranged from 28.9 to 62.6-mg/kg which exceeds the RPSCO for the Protection of Groundwater for chromium of 19-mg/kg, but was below the RPSCO for the Protection of Public Health—Commercial Use for chromium of 400-mg/kg. The detected values of chromium in these samples were qualified by the laboratory as being estimated values due to the presence of interferences.

The detected concentrations of manganese in the samples collected from test borings BS-7 [1.0'-2.8'], BS-27 [4.5'-5.5'] and BS-31 [2.0'-2.9'] ranged from 28.9 to 62.6-mg/kg which exceeds the RPSCO for the Protection of Groundwater for manganese of 2,000-mg/kg, but was below the RPSCO for the Protection of Public Health—Commercial Use for manganese of 10,000-mg/kg.

No other metals were detected at concentrations exceeding either their associated RPSCO for the Protection of Groundwater or their associated RPSCO for the Protection of Public Health—Commercial Use in soil samples submitted from the proposed marina study area.

Miscellaneous Parameters—Proposed Marina Study Area:

Selected soil and representative fill samples were also analyzed for Total Petroleum Hydrocarbons (TPH), total cyanide and Total Organic Carbon (TOC). The analytical results for these samples are presented in Table 6.

Representative fill samples from test borings BH-4 [1.2'-3.5'], BH-5 [1.0'-4.2'] and BH-6 [1.0'-4.3'] completed near the former railroad turntable formerly located within the proposed marina study area were analyzed for TPH. The detected TPH concentrations in these three samples ranged from 218 to 511-mg/kg. The NYSDEC currently does not list RPSCO for TPH.

Soil and representative fill samples from test borings BS-5 [1.0' to 6.2'], BS-5 [8.0' to 13.2'], BS-7 [1.0'-2.8'], BS-7 [4.0'-7.6'], and BS-9 [2.0'-4.6'] within the proposed marina study area were analyzed for total cyanide. Cyanide was not detected in any of the samples tested at levels above the reported laboratory MDLs.

Soil samples from test borings BS-5 [8.0' to 13.2'], BS-7 [8.0'-9.2'], and BS-9 [14.0'-15.0'] within the proposed marina study area were analyzed for TOC. The detected TOC concentrations in these three samples ranged from below the reported laboratory MDLs to 12,000 mg/kg. The NYSDEC currently does not list RPSCO for TOC.

5.2 Groundwater Sampling—Proposed Marina Study Area

Monitoring wells MW-BH-6, MW-BS-5 and MW-BS-6 were sampled on November 15, 2006. The analytical results from the groundwater samples were compared to the New York State (NYS) Part 703 Groundwater Standards published in the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 dated June 1998. Copies of the laboratory reports are included in Appendix 2. The groundwater sampling results are illustrated on Figure 4. A discussion of the groundwater sampling results is provided below.

Volatile Organic Compounds—Proposed Marina Study Area:

A summary of the VOC analytical results for groundwater samples collected from the proposed marina study area are presented in Table 7.

As shown in Table 7, the VOCs acetone, 2-butanone, carbon disulfide, chloroform and toluene were reported at detectable concentrations, but below their associated NYSDEC Groundwater Standards in groundwater samples collected from the proposed marina study area. In addition, a tentatively identified VOC, an alkybenzene isomer, was detected in the groundwater sample from monitoring well MW-BS6 at an estimated concentration of 4-ug/L. The detected values of acetone in the sample from MW-BS5, 2-butanone in the sample from MW-BS6, and chloroform and toluene in the sample from MW-BH6 were qualified by the laboratory as being estimated values less than the quantitation limit, but greater than zero.

[Note: Acetone is a common laboratory contaminant. As acetone was only detected at low concentrations below 20-ug/L, the detection of acetone does not appear to represent actual groundwater conditions at the proposed marina study area.]

Semi-Volatile Organic Compounds—Proposed Marina Study Area:

A summary of the SVOC analytical results for groundwater samples collected from the proposed marina study area are presented in Table 8.

As shown in Table 8, the SVOC 4-methylphenol was detected in the groundwater sample collected from monitoring well MW-BS6 at an estimated concentration of 2-ug/L. Tentatively identified SVOCs were detected in all three groundwater samples from the proposed marina study area at detectable levels. The total concentrations of SVOC TICs ranged from 347 to 1,088-ug/L. Individual tentatively identified SVOCs are not regulated under NYSDEC Part 703 Groundwater Standards.

Pesticides—Proposed Marina Study Area:

Summary of the pesticide analytical results for groundwater samples collected from the proposed marina study area are presented in Table 9.

As noted in Table 9, the pesticides beta-BHC, delta-BHC, gamma-BHC, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, endosulfan II, endrin, endrin aldehyde, and heptachlor epoxide were detected in groundwater samples collected from the proposed marina study area. None of the detected pesticides were present at concentrations exceeding their associated NYSDEC Part 703 Groundwater Standard. The concentrations of all the detected pesticides were qualified by the laboratory as being estimated values less than the quantitation limit, but greater than zero and/or were detected in the associated laboratory blanks.

PCBs—Proposed Marina Study Area:

No PCBs were detected in groundwater samples submitted from three monitoring wells completed within the proposed marina study area at concentrations above the reported laboratory MDLs.

Metals—Proposed Marina Study Area:

A summary of the metals analytical results for groundwater samples collected from the proposed marina study area are presented in Table 10.

As noted in Table 10, the metals aluminum, arsenic, barium, calcium, iron, magnesium, manganese, potassium, sodium, and zinc were present at detectable levels in the groundwater samples collected from the proposed marina study area monitoring wells.

The detected concentrations of iron in the samples collected from monitoring wells MW-BH6, MW-BS5 and MW-BS6 ranged from 2,630 to 12,100-ug/L which exceeds the NYSDEC Part 703 Groundwater Standard for iron of 300-ug/L.

The detected concentrations of magnesium in the samples collected from monitoring wells MW-BH6, MW-BS5 and MW-BS6 ranged from 25,700 to 80,100-ug/L. The detected concentrations of magnesium in the groundwater samples from wells MW-BH6 and MW-BS5 were at concentrations exceeding the NYSDEC Part 703 Groundwater Standard for magnesium of 35,000-ug/L.

The detected concentrations of manganese in the samples collected from monitoring wells MW-BH6, MW-BS5 and MW-BS6 ranged from 637 to 2,770-ug/L which exceeds the NYSDEC Part 703 Groundwater Standard for manganese of 300-ug/L.

The detected concentrations of sodium in the samples collected from monitoring wells MW-BH6, MW-BS5 and MW-BS6 ranged from 125,000 to 444,000-ug/L which exceeds the NYSDEC Part 703 Groundwater Standard for sodium of 20,000-ug/L.

No other metals were detected in groundwater samples at levels exceeding their associated NYSDEC Groundwater Standards.

5.3 Soil Sampling—Proposed Underground Garage Study Area

The representative fill samples submitted for laboratory analysis and the analytical method utilized are shown in Tables 1A and 1B. In addition, the soil/fill sampling results are also shown on Figures 5 and 5A.

The analytical test results for the soil samples are compared to the RPSCO for Commercial Use and for the Protection of Groundwater referenced in 6 NYCRR Subpart 375-6 Remedial Program Soil Cleanup Objectives (December 6, 2006). A discussion of the soil sampling results for the proposed garage study area is provided below.

Volatile Organic Compounds—Proposed Underground Garage Study Area:

A summary of the VOC analytical results for representative fill samples collected for the RI of the proposed underground garage study area are presented in Table 11.

As shown in Table 11, VOCs were detected above the reported laboratory method detection limits (MDLs) in three (3) of the four (4) representative fill samples analyzed. The detected VOCs included acetone, methylene chloride, and carbon disulfide. The detected values of acetone and carbon disulfide were qualified by the laboratory as being estimated values below the quantitation limit, but greater than zero. None of the detected VOCs were reported at concentrations exceeding either their associated RPSCO for the Protection of Public Health—Commercial Use or their associated RPSCO for the Protection of Groundwater.

In addition, tentatively identified VOCs were detected in the soil sample collected from test boring BS-37 with a total concentration of VOC TICs of 182-ug/kg. The NYSDEC does not currently list a Restricted Use Soil Cleanup Objective for total VOCs.

[Note: Acetone and methylene chloride are common laboratory contaminants. As acetone and methylene chloride were only detected at low concentrations (below 17-ug/L) their detection does not appear to represent actual subsurface conditions at the proposed underground garage study area.]

Semi-Volatile Organic Compounds—Proposed Underground Garage Study Area:

Summary of the SVOC analytical results for representative fill samples collected for the RI of the proposed underground garage study area are presented in Table12.

As shown on Table 12, SVOCs were detected above the reported laboratory MDLs in three (3) of the four (4) representative fill samples analyzed. The detected SVOCs included benzo(a)anthracene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(a)pyrene, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene, pyrene, and bis-2-ethylhexyl phthalate. The concentrations of the detected SVOCs do not exceed their associated RPSCO for the Protection of Public Health—Commercial Use or their associated RPSCO for the Protection of Groundwater. All of the detected SVOCs were qualified by the laboratory as being estimated values less than the quantitation limit, but greater than zero. Tentatively identified SVOCs were not detected in the soil samples submitted from the proposed underground garage study area at detectable levels.

Pesticides—Proposed Underground Garage Study Area:

Pesticides were not detected in the three (3) representative fill samples submitted from the proposed underground garage study area at concentrations above the reported laboratory MDLs.

PCBs—Proposed Underground Garage Study Area:

PCBs were not detected in the three (3) representative fill samples submitted from the proposed underground garage study area at concentrations above the reported laboratory MDLs.

Metals—Proposed Underground Garage Study Area:

The analytical results for the five (5) representative fill samples submitted for metals analysis from the proposed underground garage study area are presented in Table 13.

As shown on Table 13, metals were detected above the reported laboratory MDLs in all five (5) of the representative fill samples analyzed from the proposed underground garage study area. The detected metals included aluminum, arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, iron, lead, magnesium, manganese, mercury, nickel, potassium, selenium, silver, sodium, vanadium and zinc.

The detected concentrations of arsenic in the samples collected from test borings BS-27 [4.5'-5.5'] and BS-37 [6.0'-7.7'] were 18.7 and 36.3mg/kg, respectively. These concentrations exceed both the RPSCO for the Protection of Groundwater of 16-mg/kg and the RPSCO for the Protection of Public Health—Commercial Use of 16-mg/kg.

The detected concentrations of cadmium in the samples collected from test borings BS-27 [4.5'-5.5'] and BS-37 [6.0'-7.7'] were 2.7 and 32.0-mg/kg, respectively. These concentrations exceed both the RPSCO for the Protection of Groundwater of 7.5-mg/kg and the RPSCO for the Protection of Public Health—Commercial Use of 9.3-mg/kg.

The detected concentrations of chromium in the samples collected from test borings BS-27 [4.5'-5.5'] and BS-37 [6.0'-7.7'] were 37.8 to 62.6-mg/kg, respectively. These concentrations exceed the RPSCO for the Protection of Groundwater of 19-mg/kg, but were below the RPSCO for the Protection of Public Health—Commercial Use of 400-mg/kg.

The detected concentration of manganese in the sample collected from test boring BS-37 [6.0'-7.7'] was 4,460-mg/kg which exceeds the RPSCO for the Protection of Groundwater for manganese of 2,000-mg/kg, but was below the RPSCO for the Protection of Public Health—Commercial Use for manganese of 10,000-mg/kg.

The detected concentration of selenium in the sample collected from test boring BS-37 [6.0'-7.7'] was 32.5-mg/kg which exceeds the RPSCO for the Protection of Groundwater for selenium of 4-mg/kg, but was below the RPSCO for the Protection of Public Health—Commercial Use for selenium of 1,500-mg/kg.

No other metals were detected at concentrations exceeding either their associated RPSCO for the Protection of Groundwater or their associated RPSCO for the Protection of Public Health—Commercial Use in soil samples submitted from the proposed garage study area.

5.4 Groundwater Sampling—Proposed Underground Garage Study Area

Monitoring well MW-BS39 was sampled on November 15, 2006. The analytical results from the groundwater sample were compared to the New York State (NYS) Part 703 Groundwater Standards published in the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 dated June 1998. Copies of the laboratory reports are included in Appendix 2. The groundwater sampling results are shown on Figure 4. A discussion of the groundwater sampling results is provided below.

Volatile Organic Compounds—Proposed Underground garage Study Area:

The VOC analytical results for the groundwater sample collected from the proposed underground garage study area are summarized in Table 14.

As shown in Table 14, the VOCs acetone, carbon disulfide, methylene chloride were present at detectable levels, but below their associated NYSDEC Groundwater Standards in the groundwater sample collected from monitoring well MW-BS39. The detected values of acetone and carbon disulfide were qualified by the laboratory as being estimated values below the quantitation limit, but greater than zero. Methylene chloride was also detected in the associated laboratory blank.

Tentatively identified VOCs were not detected in the groundwater sample at detectable levels.

[Note: Acetone is a common laboratory contaminant. As acetone was only detected at low concentrations below 20-ug/L, the detection of acetone may not represent actual groundwater conditions at the proposed underground garage study area.]

Semi-Volatile Organic Compounds—Proposed Underground garage Study Area:

The SVOC analytical results for the groundwater sample collected from the proposed underground garage area are summarized in Table 15.

As shown in Table 15, target SVOCs were not detected in the groundwater sample collected from monitoring well MW-BS39 at detectable levels. Three tentatively identified SVOCs were detected in the groundwater sample from the proposed underground garage study area with the total concentrations of SVOC TICs 35-ug/L. Individual tentatively identified SVOCs are not regulated under NYSDEC Part 703 Groundwater Standards.

Pesticides—Proposed Underground garage Study Area:

The pesticide analytical results for the groundwater sample collected from the proposed underground garage area are summarized in Table 16.

As noted in Table 16, the pesticides delta-BHC, 4,4'-DDT , and heptachlor were detected in the groundwater sample collected from the proposed underground garage area. The detected concentration of delta-BHC (0.050-ug/L) and heptachlor (0.097-ug/L) were detected at concentrations exceeding their associated NYSDEC Groundwater Standards of 0.04-ug/L and 0.04-ug/L, respectively.

PCBs—Proposed Underground garage Study Area:

PCBs were not detected in groundwater sample submitted from the proposed underground garage area at concentrations above the reported laboratory MDLs.

Metals—Proposed Underground garage Study Area:

The metals analytical results for the groundwater sample from the proposed underground garage area are summarized in Table 17.

As noted in Table 17 above, the metals aluminum, arsenic, barium, calcium, iron, lead, magnesium, manganese, potassium, sodium, and zinc were present at detectable levels in the groundwater samples collected from the proposed underground garage area monitoring wells.

The detected concentrations iron (1,120-mg/L), manganese (370-ug/L) and sodium (430,000-mg/L) in the sample collected from monitoring well MW-BS39 exceeded their associated NYSDEC Groundwater Standard of 300-mg/L, 300-mg/L and 20,000-mg/l, respectively.

No other metals were detected in groundwater samples at levels exceeding their associated NYSDEC Groundwater Standards.

5.5 Hydraulic Conductivity Testing

In-situ rising head hydraulic conductivity tests (i.e. slug tests) were conducted on three (3) monitoring wells at the Site on November 27, 2006. The tests were conducted on monitoring wells MW-BH6 and MW-BS5 within the central and southwest portions of the proposed marina study area, respectively and also on monitoring well MW-BS39 within the proposed underground garage study area. Due to the anticipated rapid recovery rate for the Site wells, the tests were conducted utilizing an In-Situ MiniTroll pressure transducer data logger to record water levels within the well in half second intervals as the wells recovered.

An initial rising head hydraulic conductivity test was conducted on monitoring well MW-BS39. However, due to the rapid recovery rate within the well, this test did not produce sufficient data to accurately calculate the hydraulic conductivity of the screened interval of the well. The test was rerun using two polyethylene bailers tied in series to produce a larger "slug". When conducted in this manner, the test generated sufficient data for the calculation of the hydraulic conductivity in the vicinity of the well. Following the test, the second bailer was discarded. Subsequent tests on monitoring wells MW-BH6 and MW-BS5 were also conducted using new bailers tied in series with the dedicated bailer for the well to generate sufficient data for the analysis of the tests.

For each test, the MiniTroll pressure transducer was preprogrammed to start at a specific time. The transducer was placed in the well to a depth of at least 7-feet below the static water level to allow room for the two bailers tied in series. The bailers were then placed within the well and the well was allowed to return to static conditions at least five minutes prior to the preprogrammed test start time. Five minutes after the preprogrammed start time, the water level within the well was measured with an electronic water level meter. In each case, the measured water level indicated that the well had returned to static conditions and the test was terminated. The data stored within the transducer was then downloaded to a portable computer, and the start time for the next test was programmed into the unit.

The calculated hydraulic conductivities of the tested wells are summarized in table on the following page. Copies of the hydraulic conductivity testing data printouts and data calculation sheets are provided in Appendix 2.

Summary of Rising Head Hydraulic Conductivity Testing Results
Proposed Port Marina and Underground Garage
Port of Rochester, Rochester, New York
Remedial Investigation

Well ID No.	Static Water Level	Calculated Hydraulic Conductivity	
		(cm/sec)	(ft/sec)
MW-BH6	4.26	1.33×10^{0} cm/sec	4.35×10^{-2} ft/sec
MW-BS5	6.05	1.46×10^{0} cm/sec	4.78×10^{-2} ft/sec
MW-BS39	8.25-ft.	Insufficient Data	
MW-BS39 (retest)	8.25-ft.	1.47×10^{-1} cm/sec	4.82×10^{-3} ft/sec

The calculated geometric mean hydraulic conductivity of the three slug tests conducted at the Site is 6.58×10^{-1} cm/sec (2.16×10^{-2} ft/sec). The calculated geometric mean hydraulic conductivity for the two wells within the proposed marina area is 1.39×10^{0} cm/sec (4.56×10^{-2} ft/sec). According to Groundwater and Wells (F.G. Driscoll, 1989), these hydraulic conductivity values are roughly equivalent to the mid-range of a fine to a coarse-grained gravel deposit or the upper ranges of a fine-to coarse-grained sand deposit, a vesicular basalt and/or a karst limestone.

A review of the test results indicates that the average hydraulic conductivity values for the two wells in the proposed marina study area is approximately one order of magnitude greater than the calculated hydraulic conductivity of the well tested from the proposed underground garage study area. It was observed at the time that the test borings were sampled that portions of the slag containing fill material within the proposed underground garage study area appeared to be at least partially fused (refer to Section 4.2). This may account for the difference between the calculated hydraulic conductivities for the two study areas.

6.0 Qualitative Exposure Assessment

This section provides a qualitative exposure assessment for the Site based on the work completed as part of the RI. This qualitative exposure assessment has been completed in general accordance with DER-10 Appendix 3B (NYSDOH Qualitative Human Health Exposure Assessment).

Exposure Setting

The exposure setting is dependent on the setting of the Site and Site use. Currently, the Site is used as a parking area, roadways and sidewalks and is located in a commercial/recreational area. The Site is directly adjacent to the Genesee River and Lake Ontario is approximately 750 feet to the northwest. The Site is generally asphalt paved with the exception of some landscaped areas and there is a gravel area in the southeast portion of the proposed marina. The Site is open to the public and currently is generally used as a parking area for the local park and businesses.

Exposure Pathways

Exposure pathways are evaluated based on five criteria which are discussed below for the proposed marina and underground garage.

- **Contaminant Source:** Low level concentrations of VOCs, SVOCs, pesticides, and metals have been identified at the Site. SVOCs, pesticides and metals were detected at concentrations that exceed the RPSCOs (Commercial Use and Protection of Groundwater) and the NYS Part 703 Groundwater Standards. The source of the impacts appears to be due to the regulated solid waste encountered throughout the study area. Specifically, slag, foundry sand, ash and cinders are most likely the source of the detected contaminants.

- **Contaminant Release and Transport:** Since the contaminants that exceed the RPSCOs and Groundwater Standards are not easily volatilized, it appears that the most probable contaminant release and transport is migration with groundwater due to being in direct contact with groundwater and/or due to surface infiltration transporting contaminants to groundwater. A limited evaluation of the groundwater flow direction was completed as part of the RI. Based on the data obtained, groundwater appears to flow to the southwest (i.e., away from the river).

- **Point of Exposure:** The potential points of exposure appear limited to direct contact and/or ingestion of soil and groundwater. The areas of contamination are located throughout the Site beneath the ground surface within the fill materials and groundwater.

  The fill materials are generally located beneath asphalt and concrete walkways; however, a portion of the Site also consists of landscaped areas and gravel. The fill materials are not readily accessible at the surface, and as such, direct contact with fill material does not appear to be a significant point of exposure.

  The City of Rochester Code (Chapter 59, Article 3, 59-27) states: "No person shall use for drinking purposes, or in the preparation of food intended for human consumption, any water except the potable water supply authorized for public use by the City of Rochester." And "Other water supplies, wells or springs used for cooling and washing purposes only, where food is prepared or sold for human consumption, shall be tested and approved by the Monroe County Health Director. All auxiliary water supplies used for commercial or industrial use shall have all hydrants and faucets conspicuously posted indicating that such water is not for drinking use, and such water supplies shall not be cross-connected or interconnected with the public water supply." This code has been interpreted to mean that groundwater within the City of Rochester limits cannot be used as a source of drinking water. In addition, there is no apparent groundwater

extraction being conducted at the Site. As such it does not appear that ingestion of or contact with groundwater at the Site is a significant point of exposure.

- **Route of Exposure:** Based on the types of impacted media, the routes of exposure appear to be ingestion and dermal absorption; however, based on the 'Point of Exposure' discussion above these routes of exposure do not appear to be a significant concern.

- **Receptor Population:** Based on the type of use at the Site, the receptor population appears to be the general public and potentially construction workers (e.g., utility workers, redevelopment contractors, etc.) that could encounter fill materials and/or groundwater in the event of subsurface utility repair/installation work.

Since fill materials and groundwater are not readily accessible, there does not currently appear to be a completed exposure pathway at the Site. However, there may be completed exposure pathways during any potential future subsurface work (i.e., utility repairs, redevelopment, etc.). As such, appropriate measures to protect site workers and the public would be required prior to any subsurface work, see Section 7.0. Furthermore, it should be noted that this investigation did not include a detailed evaluation of the hydraulic dynamics at the Site (i.e., influence of the river and lake) over time, and as such, the extent of any off-site impacts (points/routes of exposure or receptors) from the Site to the adjacent surface water (and any ecological resources) is unknown.

7.0 Summary of Findings, Conclusions and Recommendations

This Remedial Investigation was conducted at the proposed port marina and underground garage areas in order to evaluate potential subsurface impairment at the Site from historical operations and fill materials which were identified through previous environmental studies conducted at the Site. The RI of the proposed port marina study area consisted of advancing forty-two (42) test borings and installing three (3) groundwater monitoring wells. The RI of the proposed underground garage study area consisted of advancing three (3) test borings and installing one (1) groundwater monitoring well. Two test borings (BS-10 and BS-27), which were advanced for the RI of the proposed marina area were also used in the evaluation of subsurface conditions in the proposed underground garage study area.

Soil and groundwater samples were also collected and tested as part of the work within each study area. The observations, field data, and analytical results from soil and groundwater samples are summarized for each area below followed by the conclusions. Based on the similar findings and conclusions for the two areas, recommendations are provided together for both areas. The conclusions and recommendations for this RI are based on the Commercial Use and Protection of Groundwater Remedial Program Soil Cleanup Objectives referenced in 6 NYCRR Subpart 375-6. It should be noted that NYSDEC would require a deed restriction be placed on the property in order to apply the Commercial Use cleanup objective at the Site.

Summary of Findings: Proposed Marina Study Area

- Of the forty-two (42) test borings advanced in the proposed port marina area, elevated PID readings (greater than 5.0 ppm) were encountered in soil collected from only four test borings BS-21, BS-22, BS-27 and BS-28;

- Fill material containing regulated solid waste under 6 NYCRR Part 364 including industrial slag, ash, cinders, and foundry waste was encountered in all borings completed within the proposed marina study area except BH-2 and BS-3. The thickness of the fill material encountered within the proposed marina area ranged from approximately 0.4 to 9-feet with an average thickness of 4.5-feet and was generally thicker in the southern portion of the study area. The thickness of fill material containing regulated solid waste within the proposed marina study area ranged from approximately 1 to 7-feet with an average thickness of 3-feet and was generally thicker in the southern portion of the study area.

- A total of twenty-eight soil samples were submitted for laboratory analysis from test borings completed within the proposed port marina study area.

    - No PCBs were detected in samples of either the fill material or native soil collected from the proposed marina study area.

    - Analytical results for soil samples collected from borings within the proposed marina study area indicated that low ppb levels of VOCs and pesticides were detected in some samples collected from fill material and underlying native soil; however, the concentrations are below their associated RPSCOs for Commercial Use and the Protection of Groundwater. [*Note: Although numerous samples detected acetone and methylene chloride, it should be noted that these compounds are common lab contaminants and methylene chloride was flagged by the laboratory as being detected in the associated blanks ('B' flag) in each sample with a reported detection.*]

    - Eleven of the eighteen soil/fill samples tested for SVOCs detected concentrations of SVOCs above the laboratory detection limits. However, only two of these samples detected SVOC concentrations that exceed their respective RPSCOs for Commercial Use and/or Protection of Groundwater. This equates to about 11% of the samples detected SVOCs with concentrations that exceed the RPSCOs. Specifically, the following samples exceeded the RPSCOs: sample BH-5 (1.0'-6.2') detected one SVOC at a concentration that exceeds the RPSCO for Commercial Use and three SVOCs exceed their RPSCOs for Protection of Groundwater; and, sample BS-30 (0.5'-1.1') detected five SVOCs at concentrations that exceed their respective RPSCOs for Commercial Use and five SVOCs also exceed their RPSCOs for Protection of Groundwater. The three native soil samples collected from locations below fill did not detect concentrations of SVOCs above their associated RPSCOs for Commercial Use or Protection of Groundwater. In addition, each of these three native soil samples were collected from borings where samples of the above fill material were also analyzed and each of these soil samples detected lower concentrations of SVOCs than the fill material samples.

    - Each of the twenty-three samples tested for metals detected one or more metals at concentrations above the reported laboratory detection limits; however, only four of the samples detected concentrations of metals above the RPSCOs for Commercial Use and/or Protection of Groundwater. This equates to about 17% of the samples detected concentrations of metals that exceed the RPSCOs. Specifically, the following samples/metals exceeded the RPSCOs: barium in sample BH-5 (1.0'-4.2') exceeded the RPSCOs for Commercial Use but was below the Protection of Groundwater criteria;

chromium and manganese in sample BS-7 (1.0'-2.8') exceeded the RPSCOs for Protection of Groundwater but were below the Commercial Use criteria; arsenic and chromium in samples BS-27 (4.5'-5.5') and BS-31 (2.0'-2.9') exceeded the RPSCOs for Protection of Groundwater, in addition, arsenic in these samples exceeded Commercial Use criteria. It should be noted that, in general, the detected concentrations of metals were higher in the samples collected from the fill material than in the underlying native soil.

- A total of three groundwater samples were submitted for laboratory analysis from monitoring wells installed within the proposed port marina study area.

    - VOCs were detected in each of the three groundwater samples analyzed; however, the concentrations detected are below the NYSDEC Part 703 Groundwater Standards. Specifically, the VOCs acetone, 2-butanone, carbon disulfide, chloroform, toluene and one TIC were detected at low levels. The concentrations detected were less than 5 ppb (the groundwater standard for many VOCs) with the exception of acetone in MW-BS6, which was 19 ppb; however, this concentration is below the NYSDEC Part 703 Groundwater Standard for acetone of 50 ppb. It should be noted that acetone is a common laboratory contaminant. In addition, most of the detections were also flagged by the laboratory as estimated values that were below the sample quantitation limit.

    - One target list SVOC was detected in one of the three groundwater samples analyzed; however, the detected concentration is below it's associated NYSDEC Part 703 Groundwater Standard. Numerous non-target SVOCs (i.e., TICs) were detected in each of the groundwater samples analyzed; however, the concentrations detected were generally low level and each of the detected SVOC TICs were flagged by the laboratory as estimated and most of these detections were also detected in the associated blank. [*Note: Since the non-target SVOCs are tentatively identified and most were listed as unknown, a comparison to NYS Part 703 Groundwater Standards could not be made.*] In addition, the SVOCs detected in the soil/fill samples were not detected in the groundwater samples.

    - Pesticides were detected in each of the three groundwater samples analyzed; however, the detected concentrations are below the NYS Part 703 Groundwater Standards. In addition, each of the detected concentrations were flagged by the laboratory as estimated values.

    - PCBs were not detected in the groundwater samples collected from the proposed marina study area.

    - Ten metals were detected at concentrations above the reported laboratory detection limits in the three groundwater samples. Three of the ten detected metals (iron, manganese and sodium) in each of the three groundwater samples (i.e., 100%) were detected at concentrations that exceed the NYS Part 703 Groundwater Standards. The metals in groundwater that exceed the NYS Part 703 Groundwater Standards are not the same metals in the soil/fill samples that exceeded the Protection of Groundwater Soil Cleanup Objectives, with the exception of manganese.

- VOCs, SVOCs, pesticides, PCBs, and metals were not detected in soil samples collected from the proposed marina study area at concentrations that would appear to constitute a characteristic Hazardous Waste (i.e., based on a 20 times reduction for leachate)..

- Based on the results of rising head hydraulic conductivity tests conducted on wells within the proposed marina study area indicated that the calculated geometric mean hydraulic conductivity for the two wells tested is 1.39×10^{0} cm/sec (4.56×10^{-2} ft/sec). According to Groundwater and Wells (F.G. Driscoll, 1989), these hydraulic conductivity values are roughly equivalent to the mid-range of a fine to a coarse-grained gravel deposit or the upper ranges of a fine-to coarse-grained sand deposit, a vesicular basalt and/or a karst limestone.

- A complete exposure pathway was not identified for the marina area based on the current site use.

Conclusions: Proposed Marina Study Area

- Areas of discrete impacts were not encountered during the RI work completed in the proposed port marina (i.e., including the former railroad operations area). However, localized areas of impact may exist within the subsurface at the Site (i.e., between RI testing locations).
- The RI confirmed that fill materials and regulated solid waste are located throughout the proposed marina area. The nature and extent of fill and regulated solid waste within the proposed marina study area has generally been defined. Based on the estimated excavation area (300-ft. by 500-ft.) and depth (13-ft.) for the proposed marina, there is approximately 14,470 cy of regulated solid waste within this area.
- Although select contaminants were encountered at concentrations exceeding soil and/or groundwater standards, if the regulated solid waste is undisturbed these impacts do not appear to constitute a significant threat to the environment or human health. However, if disturbed the regulated solid waste would require to be handled properly (see below – recommendations).
- Based on the relatively high hydraulic conductivity for the soils and fill material beneath the Site, any excavation work conducted below the water table at the Site should take into account the potential that large volumes of groundwater may accumulate and will require proper handling and/or treatment.
- Based on the current site use, a completed exposure pathway was not identified for the proposed marina; however, any future ground intrusive work could result in a completed exposure pathway.
- It should be noted that this investigation did not include a detailed evaluation of the hydraulic dynamics at the Site (i.e., influence of or communication with the river and lake) over time, and as such, the potential for the Site to impact the adjacent surface water (and any ecological resources) is unknown.

Summary of Findings: Proposed Underground Garage Study Area

- Elevated PID readings (greater than 5.0 ppm) were encountered in soil collected from test borings BS-38 and BS-39;

- Fill material containing regulated solid waste under 6 NYCRR Part 364 included industrial slag, ash, cinders, and foundry waste was encountered in all borings completed within the proposed underground garage study area. The thickness of fill material within the proposed underground garage study area ranged from approximately 4.3-feet to 18.6-feet and was generally thickest in the southern portion of the study area. The thickness of regulated solid waste ranged from approximately 3.7-feet to 18.1-feet with an average thickness of 11.9-feet. The regulated solid waste thickness was shallowest in the eastern portion of the proposed underground garage and increased in thickness to the west.

- The soil samples submitted for laboratory analysis from test borings completed within the proposed port underground garage study area are discussed below.

    - No PCBs were detected in soil samples collected from the proposed underground garage study area.

    - Three of the four soil/fill samples collected from the proposed underground garage area detected low ppb level VOCs; however, the concentrations detected are below the Commercial Use and Protection of Groundwater Soil Cleanup Objectives. In addition, the reported detections were each flagged by the laboratory as estimated, with the exception of methylene chloride. [*Note: Acetone and methylene chloride are common lab contaminants.*]

    - Three of the four soil/fill samples tested for SVOCs detected concentrations of SVOCs above the laboratory detection limits. However, the detected concentrations were below their respective RPSCOs for Commercial Use and Protection of Groundwater. In addition, each of the reported detections were flagged by the laboratory as estimated concentrations with the reported value lower than the quantitation limit.

    - Each of the five soil/fill samples tested for metals detected four or more metals at concentrations above the reported laboratory detection limits; however, only two of the samples detected concentrations of metals above the RPSCOs for Commercial Use and/or Protection of Groundwater. This equates to 40% of the samples detected concentrations of metals that exceed the RPSCOs. Specifically, the following samples/constituents exceeded the RPSCOs: arsenic in samples BS-27 (4.5'-5.5') and BS-37 (6.0'-7.7') exceeded the RPSCOs for Commercial Use and Protection of Groundwater; cadmium in sample BS-37 (6.0'-7.7') exceeded the RPSCOs for Commercial Use and Protection of Groundwater; chromium in samples BS-27 (4.5'-5.5') and BS-37 (6.0'-7.7') exceeded the RPSCOs for Protection of Groundwater but was below the RPSCOs for Commercial Use; and, manganese and selenium in sample BS-37 (6.0'-7.7') exceeded the RPSCOs for Protection of Groundwater but was below the RPSCOs for Commercial Use. It should be noted that each of the reported concentrations of metals in the sample from BS-37 (6.0'-7.7') were flagged as estimated value due to the presence of interferences and/or that the spike sample recovery was not within quality control limits.

- One groundwater sample (MW-BS39) from within the proposed underground garage study area was submitted for laboratory analysis.
    - Three VOCs were detected in the groundwater sample; however, the concentrations were low level ppb and are below NYSDEC Part 703 Groundwater Standards. In addition, each of the detected concentrations were flagged by the laboratory as estimated and two of the reported VOCs (acetone and methylene chloride) are common laboratory contaminants.
    - Target list SVOCs were not detected above the reported laboratory detection limits in the groundwater sample. Three tentatively identified SVOCs were reported by the laboratory; however, the concentrations reported are low level ppb and each detection was flagged by the laboratory as an estimated value.
    - Three pesticides (delta-BHC, 4,4'-DDT, and heptachlor) were detected in the groundwater sample from MW-39. The reported concentrations of delta-BHC and heptachlor exceed their associated NYS Part 703 Groundwater Standards. Although pesticides are not typically encountered in the dissolved phase, the groundwater samples were collected using low flow sampling procedures and turbidity was below 50 NTUs and +/- 10% for three consecutive readings.
    - No PCBs were detected in the groundwater sample collected from the proposed underground garage study area.
    - Eleven metals were detected above the reported laboratory detection limits. Three of the eleven detected metals (iron, manganese and sodium) were detected at concentrations that exceed their respective NYSDEC Groundwater Standards.
- VOCs, SVOCs, PCBs, and metals were not detected in soil samples collected from the proposed underground garage study area at concentrations that would constitute a characteristic Hazardous Waste (i.e., based on a 20 times reduction for leachate).
- Based on the results of a rising head hydraulic conductivity test conducted on monitoring well MW-BS39 indicated that the calculated hydraulic conductivity for the well is 1.47×10^{-1} cm/sec (4.56×10^{-2} ft/sec). According to Groundwater and Wells (F.G. Driscoll, 1989), these hydraulic conductivity values are roughly equivalent to the mid-range of a fine to a coarse-grained gravel deposit or the upper ranges of a fine-to coarse-grained sand deposit, a vesicular basalt and/or a karst limestone.
- A complete exposure pathway was not identified for the underground garage area based on the current site use.

Conclusions: Proposed Underground Garage Area

- Areas of discrete impacts were not encountered during the RI work completed in the proposed underground garage area. However, localized areas of impact may exist within the subsurface at the Site (i.e., between RI testing locations).
- The RI confirmed that fill materials and regulated solid waste are located throughout the proposed underground garage area. The nature and extent of fill and regulated solid waste within the proposed underground garage area has been generally defined. Based on the estimated excavation area (225-ft. by 225-ft.) and depth (18-ft.) for the proposed underground garage, there is approximately 19,750 cy of regulated solid waste within this area.
- Although select contaminants were encountered at concentrations exceeding soil and/or groundwater standards, if the regulated solid waste is undisturbed these impacts do not appear to constitute a significant threat to the environment or human health. However, if disturbed the regulated solid waste would require to be handled in accordance with applicable regulations (see below – recommendations).
- Based on the relatively high hydraulic conductivity for the soils and fill material beneath the Site, any excavation work conducted below the water table at the Site should take into account the potential that large volumes of groundwater may accumulate and will require proper handling and/or treatment.
- Based on the current site use, a completed exposure pathway was not identified for the proposed underground garage; however, any future ground intrusive work could result in a completed exposure pathway.
- It should be noted that this investigation did not include a detailed evaluation of the hydraulic dynamics at the Site (i.e., influence of or communication with the river and lake) over time, and as such, the potential for the Site to impact the adjacent surface water (and any ecological resources) is unknown.

Recommendations: Proposed Marina and Underground Garage Study Areas

Based on the findings of the RI summarized above, the following recommendations have been made for the proposed marina and underground garage areas.

- To minimize potential future completed exposure pathways, the existing Environmental Management Plan (EMP) for this area developed by LaBella dated July 2005 should be updated based on the current data. The EMP includes the proper handling procedures and disposal options for soil/fill materials encountered during any ground intrusive work at the Site. The updated EMP should include a more detailed section on the management of groundwater (treatment, discharge, etc.). In addition, the updated EMP should include options for the handling and/or disposal of the fill material. Three potential options are identified below:

    1. Reuse at the Site in berms or as backfill that would require to be covered with clean fill and/or capped by an impervious surface to prevent exposure to the general public and the environment;

2. Proper off-site disposal of the fill material at a NYSDEC permitted Part 360 disposal facility; and/or
3. Reuse on-site and/or off-site under a beneficial use determination (BUD).

For the options discussed above, implementation of the updated EMP would be required outlining the handling and environmental monitoring procedures required for the safe disturbance of the fill material.

- Subsequent to a final redevelopment option being determined, a project specific corrective action plan (CAP) is recommended in order to implement remedial work prior to or in conjunction with the planned redevelopment.

- Prior to any large-scale excavations a pump test should be conducted in order to further evaluate the volume of groundwater that potentially would be generated during a mass removal at the Site. Aggressive dewatering is recommended in order to minimize potential impacts of exposed fill materials to groundwater and potentially the adjacent surface waters. In addition, any future excavations/development at the Site should account for potential fill materials outside the study areas.

- A detailed investigation of the potential for the contaminants at the Site to impact the adjacent surface water. [*Note: The surface water and ecological resource cleanup standards are more stringent (i.e., lower concentrations) than the applicable site cleanup objectives/standards.*] It also may be warranted to evaluate potential impacts to ecological resources as part of any additional investigation.

A copy of all information collected during this assessment, including photographs, maps, notes, analytical data and other material will be kept on file at the offices of LaBella Associates, P.C. This information is available at your request.

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LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Figures and Photographs

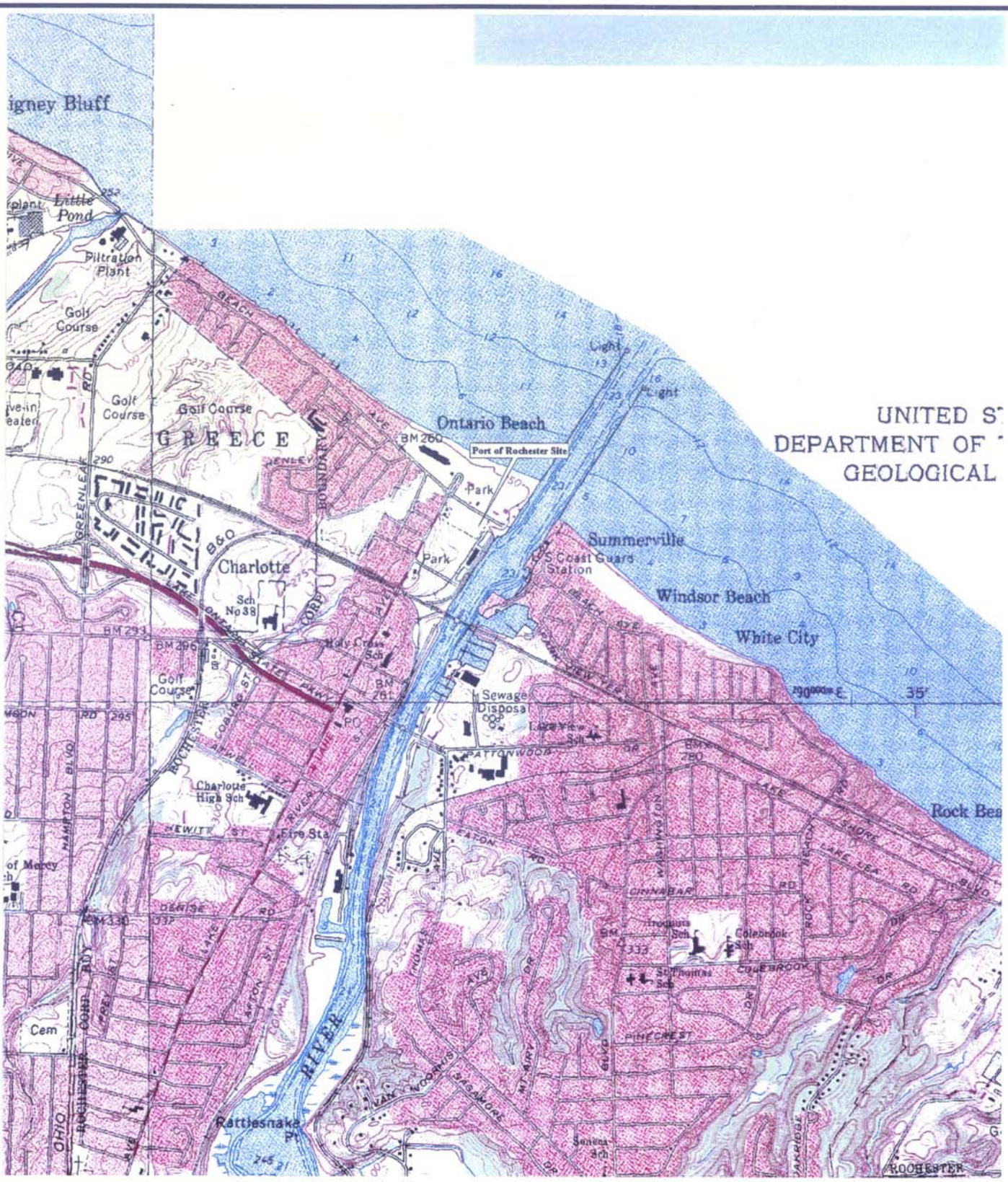

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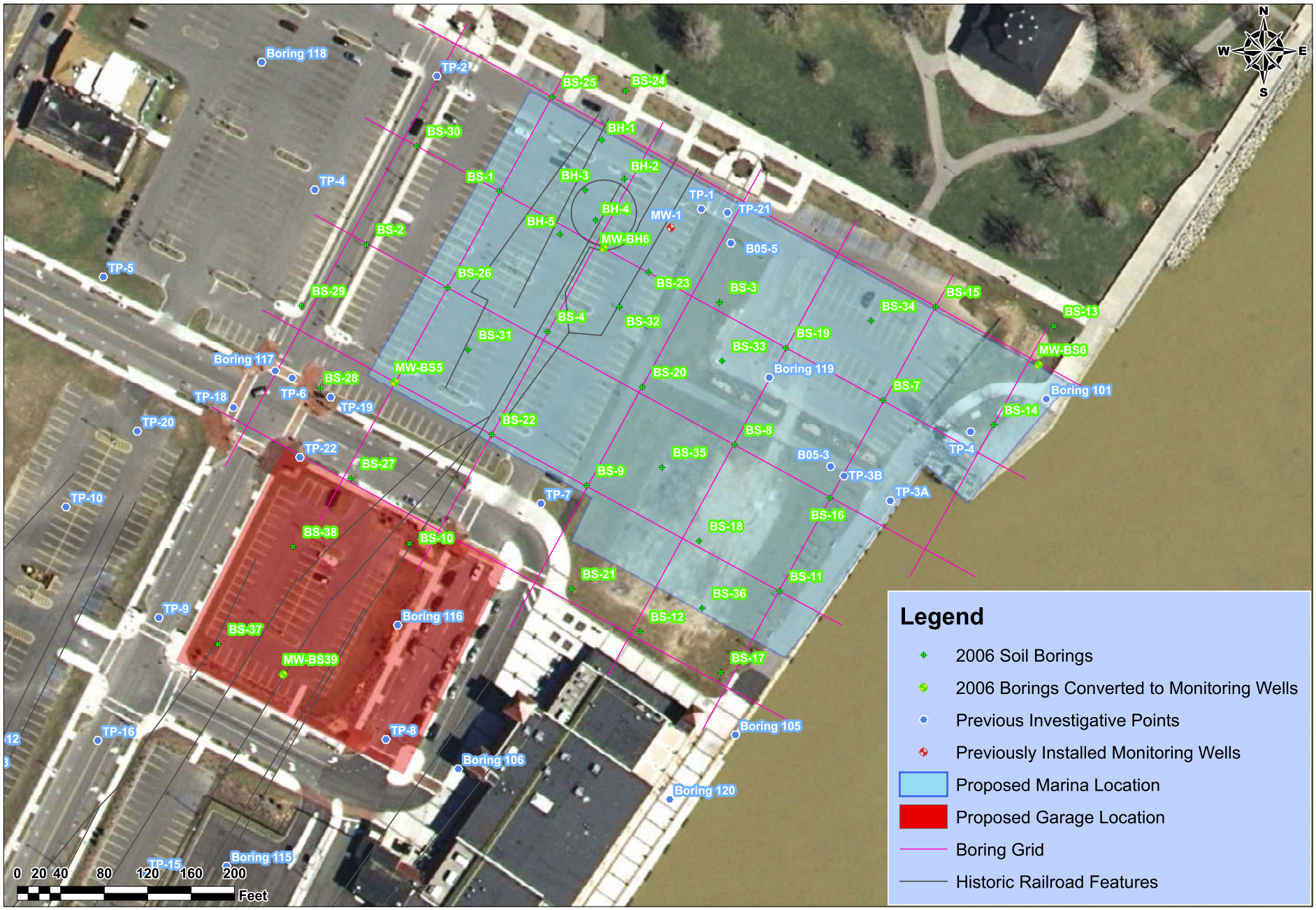
FIGURE 1
SITE LOCATION MAP

Remedial Investigation
Proposed Marina & Underground Garage
Port of Rochester
Rochester, New York

LABELLA

PROJECT NO. **206377**



Legend

- 2006 Soil Borings
- 2006 Borings Converted to Monitoring Wells
- Previous Investigative Points
- Previously Installed Monitoring Wells
- Proposed Marina Location
- Proposed Garage Location
- Boring Grid
- Historic Railroad Features

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PROJECT/CLIENT
REMEDIAL INVESTIGATION
PROPOSED PORT MARINA
AND UNDERGROUND GARAGE
PORT OF ROCHESTER

LAKE AVENUE
ROCHESTER, NEW YORK

DRAWING TITLE
SITE PLAN WITH TEST BORING
AND MONITORING WELL LOCATIONS

DESIGNED BY: JJW
DRAWN BY: JJW
REVIEWED BY: DEP
REVISION: REVIEW
DATE: JANUARY, 2007

PROJECT/DRAWING NUMBER
206377
FIGURE 2

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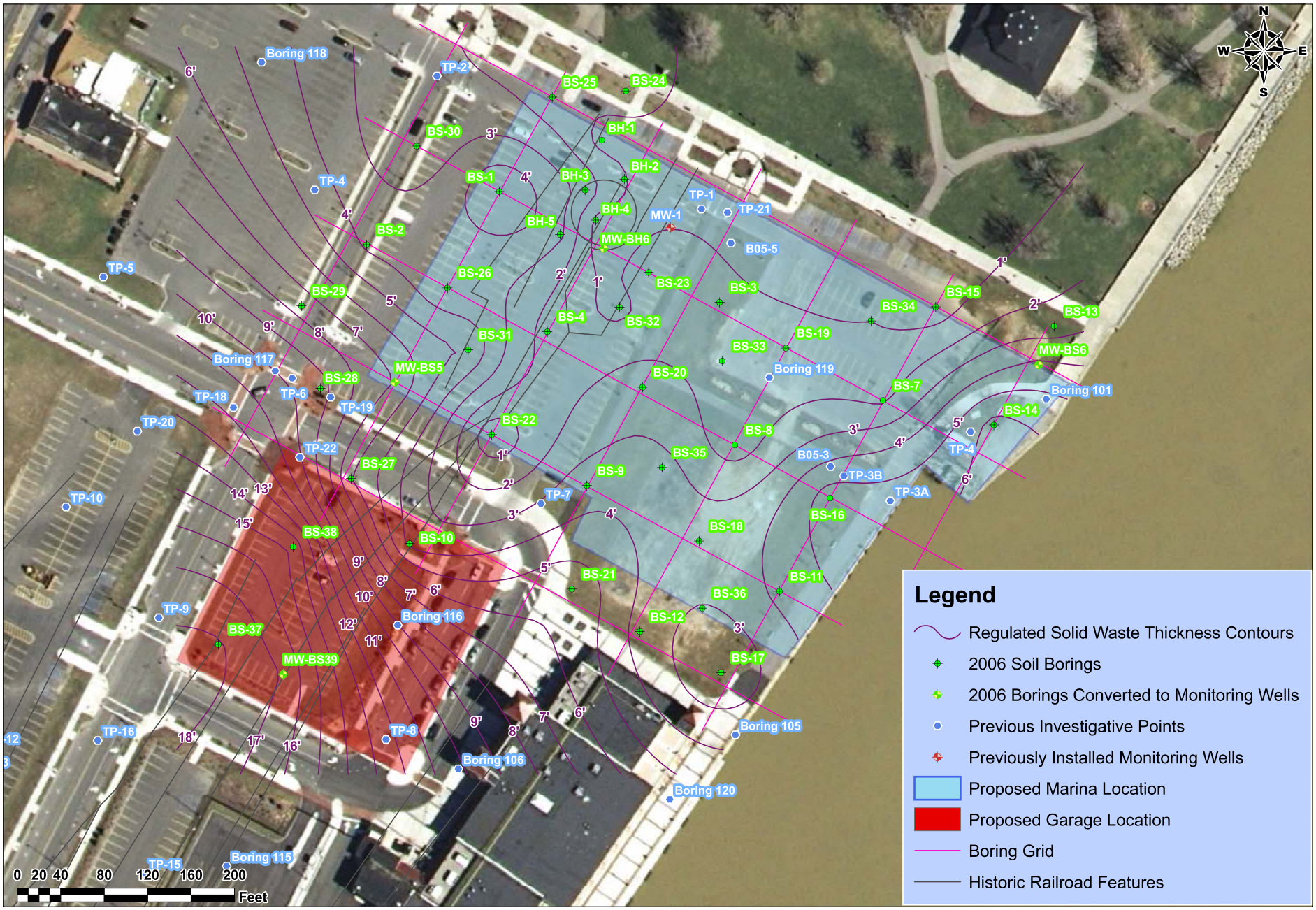

Legend

- Regulated Solid Waste Thickness Contours
- 2006 Soil Borings
- 2006 Borings Converted to Monitoring Wells
- Previous Investigative Points
- Previously Installed Monitoring Wells
- Proposed Marina Location
- Proposed Garage Location
- Boring Grid
- Historic Railroad Features

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PROJECT/CLIENT

REMEDIAL INVESTIGATION
PROPOSED PORT MARINA
AND UNDERGROUND GARAGE
PORT OF ROCHESTER

LAKE AVENUE
ROCHESTER, NEW YORK

DRAWING TITLE

SITE PLAN WITH REGULATED WASTE THICKNESS CONTOURS

DESIGNED BY: JJW
DRAWN BY: JJW
REVIEWED BY: DEP
SUBMITTED FOR: REVIEW
DATE: JANUARY, 2007

PROJECT/DRAWING NUMBER

206377

FIGURE 3

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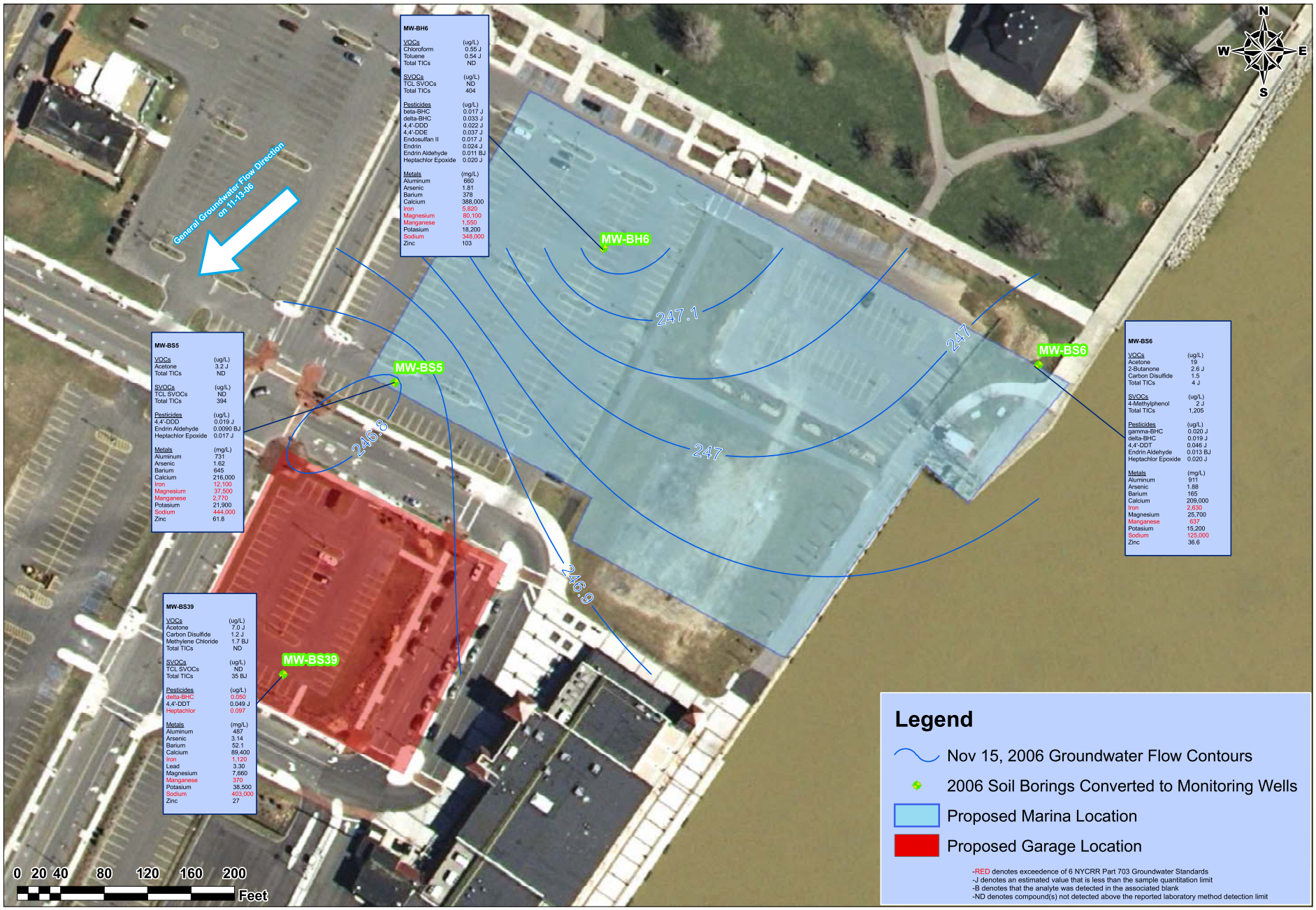

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PROJECT/CLIENT
REMEDIAL INVESTIGATION
PROPOSED PORT MARINA
AND UNDERGROUND GARAGE
PORT OF ROCHESTER

LAKE AVENUE
ROCHESTER, NEW YORK

DRAWING TITLE
SITE PLAN WITH GROUNDWATER FLOW CONTOURS FROM 11-15-2006 AND GROUNDWATER SAMPLE RESULTS: DETECTED COMPOUNDS

DESIGNED BY: JJW
DRAWN BY: JJW
REVIEWED BY: DEP
REVISION: REVIEW
DATE: JANUARY, 2007

PROJECT/DRAWING NUMBER
206377
FIGURE 4

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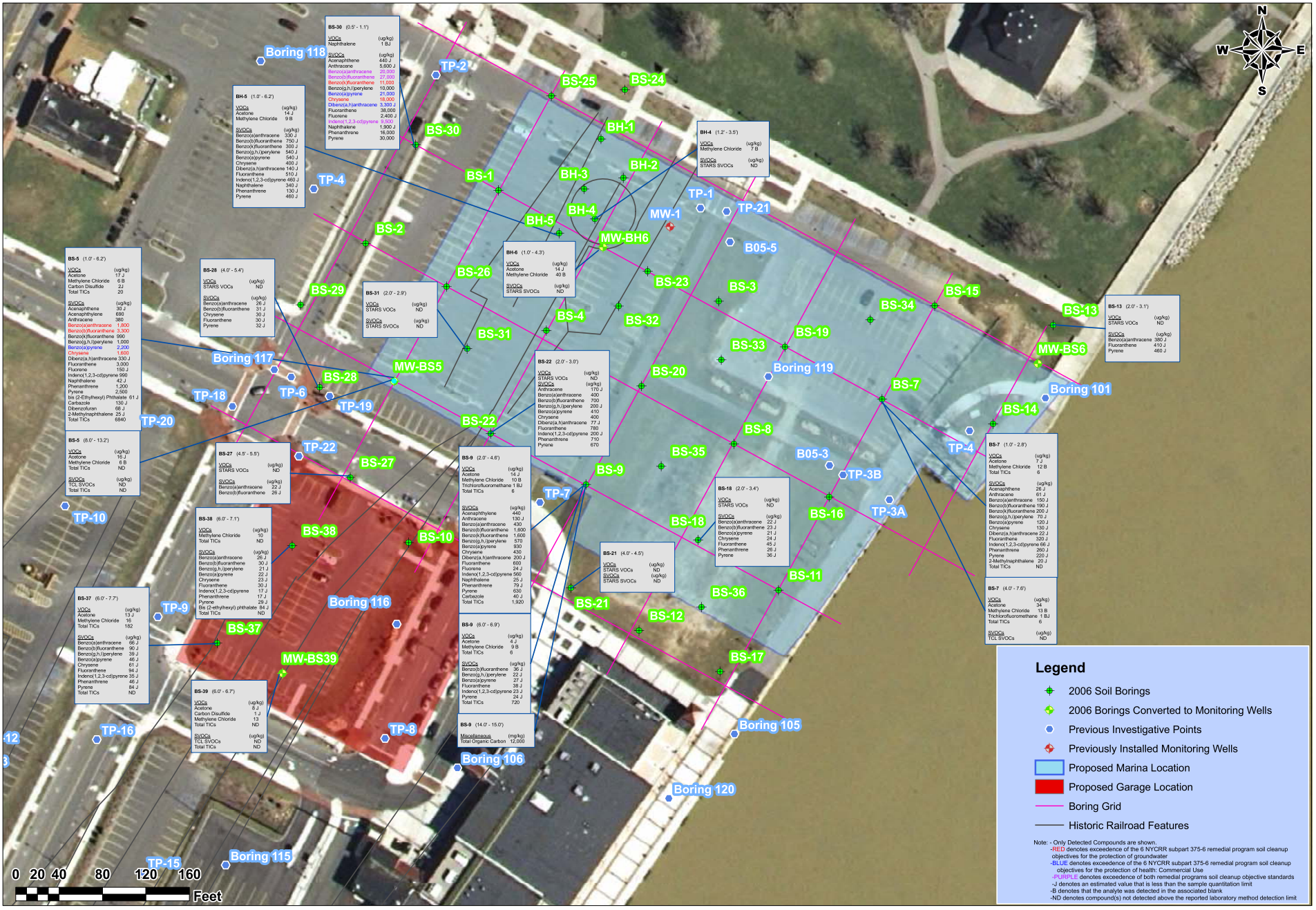

BS-30 (0.5' - 1.1')

VOCs	(ug/kg)
Naphthalene	1 BJ
SVOCs	(ug/kg)
Acenaphthene	440 J
Anthracene	5,600 J
Benzo(a)anthracene	20,000
Benzo(b)fluoranthene	27,000
Benzo(k)fluoranthene	11,000
Benzo(g,h,i)perylene	10,000
Benzo(a)pyrene	21,000
Chrysene	18,000
Dibenz(a,h)anthracene	3,300 J
Fluoranthene	38,000
Fluorene	2,400 J
Indeno(1,2,3-cd)pyrene	8,500
Naphthalene	1,900 J
Phenanthrene	16,000
Pyrene	30,000

BH-5 (1.0' - 6.2')

VOCs	(ug/kg)
Acetone	14 J
Methylene Chloride	9 B
SVOCs	(ug/kg)
Benzo(a)anthracene	330 J
Benzo(b)fluoranthene	750 J
Benzo(k)fluoranthene	300 J
Benzo(g,h,i)perylene	540 J
Benzo(a)pyrene	540 J
Chrysene	400 J
Dibenz(a,h)anthracene	140 J
Fluoranthene	510 J
Indeno(1,2,3-cd)pyrene	460 J
Naphthalene	340 J
Phenanthrene	130 J
Pyrene	460 J

BH-4 (1.2' - 3.5')

VOCs	(ug/kg)
Methylene Chloride	7 B
SVOCs	(ug/kg)
STARS SVOCs	ND

BH-6 (1.0' - 4.3')

VOCs	(ug/kg)
Acetone	14 J
Methylene Chloride	40 B
SVOCs	(ug/kg)
STARS SVOCs	ND

BS-5 (1.0' - 6.2')

VOCs	(ug/kg)
Acetone	17 J
Methylene Chloride	6 B
Carbon Disulfide	2 J
Total TICs	20
SVOCs	(ug/kg)
Acenaphthene	30 J
Acenaphthylene	680
Anthracene	380
Benzo(a)anthracene	1,800
Benzo(b)fluoranthene	3,300
Benzo(k)fluoranthene	990
Benzo(g,h,i)perylene	1,000
Benzo(a)pyrene	2,200
Chrysene	1,600
Dibenz(a,h)anthracene	330 J
Fluoranthene	3,000
Fluorene	150 J
Indeno(1,2,3-cd)pyrene	990
Naphthalene	42 J
Phenanthrene	1,200
Pyrene	2,500
bis (2-Ethylhexyl) Phthalate	61 J
Carbazole	130 J
Dibenzofuran	68 J
2-Methylnaphthalene	25 J
Total TICs	6840

BS-28 (4.0' - 5.4')

VOCs	(ug/kg)
STARS VOCs	ND
SVOCs	(ug/kg)
Benzo(a)anthracene	26 J
Benzo(b)fluoranthene	31 J
Chrysene	30 J
Fluoranthene	30 J
Pyrene	32 J

BS-31 (2.0' - 2.9')

VOCs	(ug/kg)
STARS VOCs	ND
SVOCs	(ug/kg)
STARS SVOCs	ND

BS-22 (2.0' - 3.0')

VOCs	(ug/kg)
STARS VOCs	ND
SVOCs	(ug/kg)
Anthracene	170 J
Benzo(a)anthracene	400
Benzo(b)fluoranthene	700
Benzo(g,h,i)perylene	200 J
Benzo(a)pyrene	410
Chrysene	400
Dibenz(a,h)anthracene	77 J
Fluoranthene	780
Indeno(1,2,3-cd)pyrene	200 J
Phenanthrene	710
Pyrene	670

BS-13 (2.0' - 3.1')

VOCs	(ug/kg)
STARS VOCs	ND
SVOCs	(ug/kg)
Benzo(a)anthracene	380 J
Fluoranthene	410 J
Pyrene	460 J

BS-5 (6.0' - 13.2')

VOCs	(ug/kg)
Acetone	16 J
Methylene Chloride	6 B
Total TICs	ND
SVOCs	(ug/kg)
TCL SVOCs	ND
Total TICs	ND

BS-27 (4.5' - 5.5')

VOCs	(ug/kg)
STARS VOCs	ND
SVOCs	(ug/kg)
Benzo(a)anthracene	22 J
Benzo(b)fluoranthene	26 J

BS-9 (2.0' - 4.6')

VOCs	(ug/kg)
Acetone	14 J
Methylene Chloride	10 B
Trichlorofluoromethane	1 BJ
Total TICs	6
SVOCs	(ug/kg)
Acenaphthylene	440
Anthracene	130 J
Benzo(a)anthracene	430
Benzo(b)fluoranthene	1,600
Benzo(k)fluoranthene	1,600
Benzo(g,h,i)perylene	570
Benzo(a)pyrene	930
Chrysene	430
Dibenz(a,h)anthracene	200 J
Fluoranthene	600
Fluorene	24 J
Indeno(1,2,3-cd)pyrene	560
Naphthalene	25 J
Phenanthrene	79 J
Pyrene	630
Carbazole	40 J
Total TICs	1,920

BS-18 (2.0' - 3.4')

VOCs	(ug/kg)
STARS VOCs	ND
SVOCs	(ug/kg)
Benzo(a)anthracene	22 J
Benzo(b)fluoranthene	23 J
Benzo(a)pyrene	21 J
Chrysene	24 J
Fluoranthene	45 J
Phenanthrene	26 J
Pyrene	36 J

BS-7 (1.0' - 2.8')

VOCs	(ug/kg)
Acetone	7 J
Methylene Chloride	12 B
Total TICs	6
SVOCs	(ug/kg)
Acenaphthene	26 J
Anthracene	61 J
Benzo(a)anthracene	150 J
Benzo(b)fluoranthene	190 J
Benzo(k)fluoranthene	200 J
Benzo(g,h,i)perylene	70 J
Benzo(a)pyrene	120 J
Chrysene	130 J
Dibenz(a,h)anthracene	22 J
Fluoranthene	320 J
Indeno(1,2,3-cd)pyrene	66 J
Phenanthrene	260 J
Pyrene	220 J
2-Methylnaphthalene	20 J
Total TICs	ND

BS-38 (6.0' - 7.1')

VOCs	(ug/kg)
Methylene Chloride	10
Total TICs	ND
SVOCs	(ug/kg)
Benzo(a)anthracene	26 J
Benzo(b)fluoranthene	30 J
Benzo(g,h,i)perylene	21 J
Benzo(a)pyrene	22 J
Chrysene	23 J
Fluoranthene	30 J
Indeno(1,2,3-cd)pyrene	17 J
Phenanthrene	17 J
Pyrene	29 J
Bis (2-ethylhexyl) phthalate	84 J
Total TICs	ND

BS-21 (4.0' - 4.5')

VOCs	(ug/kg)
STARS VOCs	ND
SVOCs	(ug/kg)
STARS SVOCs	ND

BS-7 (4.0' - 7.6')

VOCs	(ug/kg)
Acetone	34
Methylene Chloride	13 B
Trichlorofluoromethane	1 BJ
Total TICs	6
SVOCs	(ug/kg)
TCL SVOCs	ND

BS-37 (6.0' - 7.7')

VOCs	(ug/kg)
Acetone	13 J
Methylene Chloride	16
Total TICs	182
SVOCs	(ug/kg)
Benzo(a)anthracene	66 J
Benzo(b)fluoranthene	90 J
Benzo(g,h,i)perylene	39 J
Benzo(a)pyrene	46 J
Chrysene	61 J
Fluoranthene	94 J
Indeno(1,2,3-cd)pyrene	35 J
Phenanthrene	46 J
Pyrene	84 J
Total TICs	ND

BS-39 (6.0' - 6.7')

VOCs	(ug/kg)
Acetone	8 J
Carbon Disulfide	1 J
Methylene Chloride	13
Total TICs	ND
SVOCs	(ug/kg)
TCL SVOCs	ND
Total TICs	ND

BS-9 (6.0' - 6.9')

VOCs	(ug/kg)
Acetone	4 J
Methylene Chloride	9 B
Total TICs	6
SVOCs	(ug/kg)
Benzo(b)fluoranthene	36 J
Benzo(g,h,i)perylene	22 J
Benzo(a)pyrene	27 J
Fluoranthene	38 J
Indeno(1,2,3-cd)pyrene	23 J
Pyrene	24 J
Total TICs	720

BS-9 (14.0' - 15.0')

Miscellaneous	(mg/kg)
Total Organic Carbon	12,000

Legend

- 2006 Soil Borings
- 2006 Borings Converted to Monitoring Wells
- Previous Investigative Points
- Previously Installed Monitoring Wells
- Proposed Marina Location
- Proposed Garage Location
- Boring Grid
- Historic Railroad Features

Note: - Only Detected Compounds are shown.
-RED denotes exceedence of the 6 NYCRR subpart 375-6 remedial program soil cleanup objectives for the protection of groundwater
-BLUE denotes exceedence of the 6 NYCRR subpart 375-6 remedial program soil cleanup objectives for the protection of health: Commercial Use
-PURPLE denotes exceedence of both remedial programs soil cleanup objective standards
-J denotes an estimated value that is less than the sample quantitation limit
-B denotes that the analyte was detected in the associated blank
-ND denotes compound(s) not detected above the reported laboratory method detection limit

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PROJECT/CLIENT
REMEDIAL INVESTIGATION
PROPOSED PORT MARINA
AND UNDERGROUND GARAGE
PORT OF ROCHESTER

LAKE AVENUE
ROCHESTER, NEW YORK

DRAWING TITLE
SITE PLAN WITH
SOIL SAMPLE RESULTS: VOC & SVOC
DETECTED COMPOUNDS

DESIGNED BY: JJW
DRAWN BY: JJW
REVIEWED BY: DEP
DATE: JANUARY, 2007
REVISION

PROJECT/DRAWING NUMBER
206377
FIGURE 5

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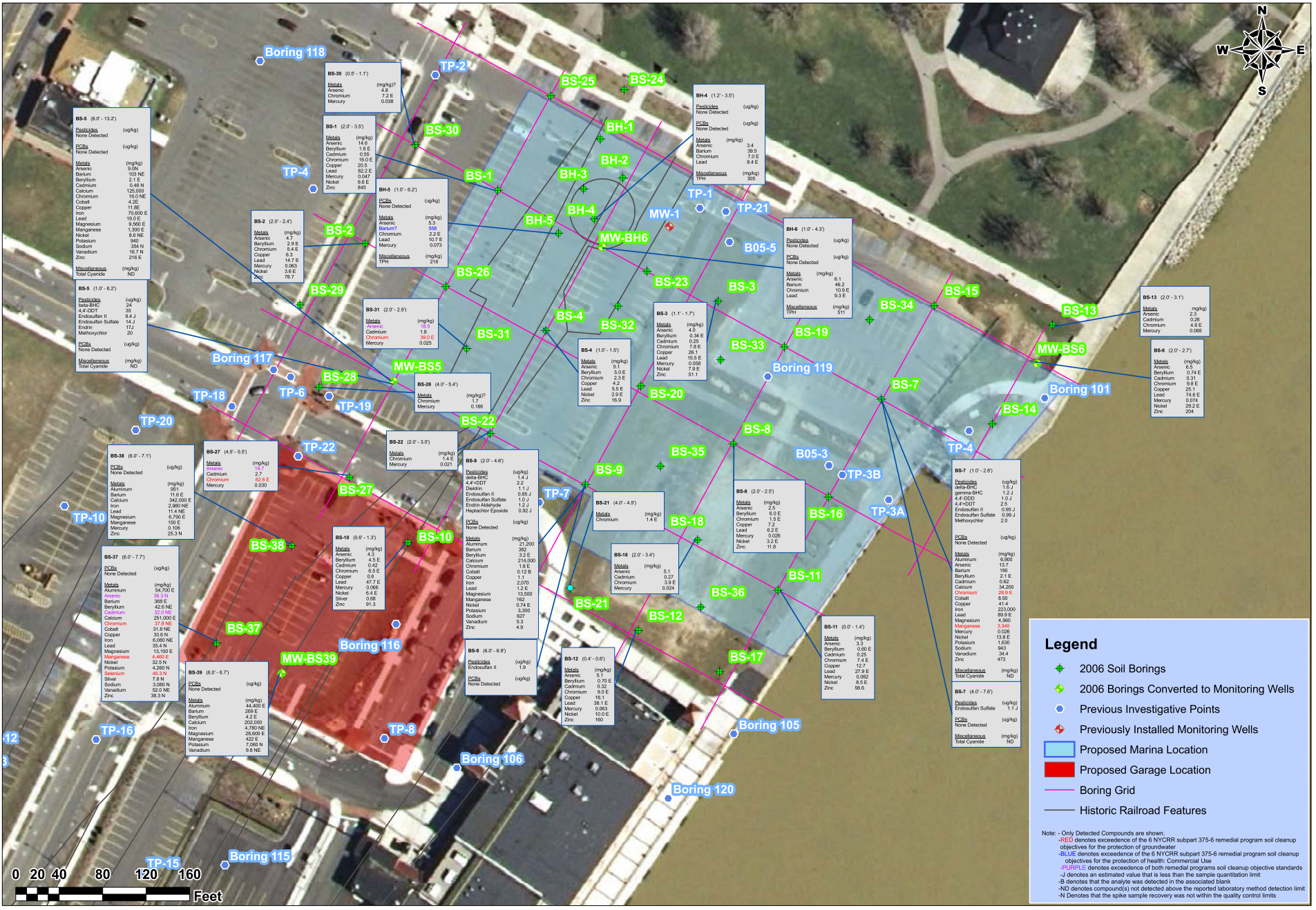

Legend

- 2006 Soil Borings
- 2006 Borings Converted to Monitoring Wells
- Previous Investigative Points
- Previously Installed Monitoring Wells
- Proposed Marina Location
- Proposed Garage Location
- Boring Grid
- Historic Railroad Features

Note: - Only Detected Compounds are shown.
-RED denotes exceedence of the 6 NYCRR subpart 375-6 remedial program soil cleanup objectives for the protection of groundwater
-BLUE denotes exceedence of the 6 NYCRR subpart 375-6 remedial program soil cleanup objectives for the protection of health: Commercial Use
-PURPLE denotes exceedence of both remedial programs soil cleanup objective standards
-J denotes an estimated value that is less than the sample quantitation limit
-B denotes that the analyte was detected in the associated blank
-ND denotes compound(s) not detected above the reported laboratory method detection limit
-N Denotes that the spike sample recovery was not within the quality control limits

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REMEDIAL INVESTIGATION
PROPOSED PORT MARINA
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PORT OF ROCHESTER

LAKE AVENUE
ROCHESTER, NEW YORK

DRAWING TITLE
SITE PLAN WITH
SOIL SAMPLE RESULTS:
METALS, PESTICIDES, PCBs

DESIGNED BY:	JJW
DRAWN BY:	JJW
REVIEWED BY:	DEP
DATE:	JANUARY, 2007

PROJECT/DRAWING NUMBER
206377

FIGURE 5A

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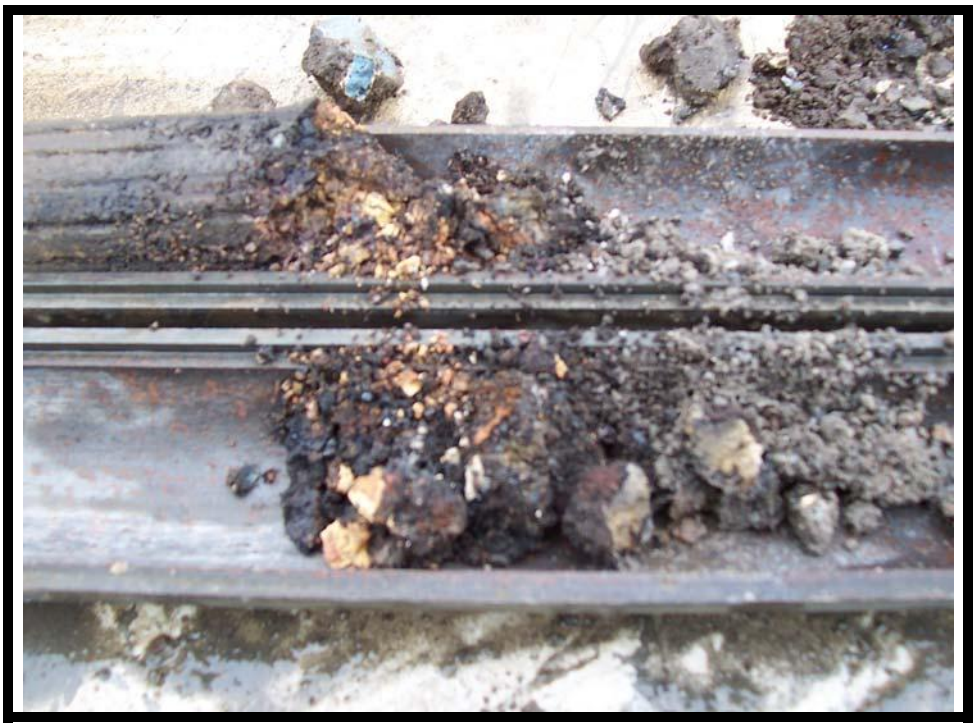
View of blue-green slag collected from boring BS-21 [4.0' to 4.5'].

View of gray and blue-green slag collected from soil boring BS-20 [0.0' to 1.5'].

View of foundry sand and gray and black metallic slag encountered in fill material collected from soil boring BS-27 [4.0' to 5.5'].

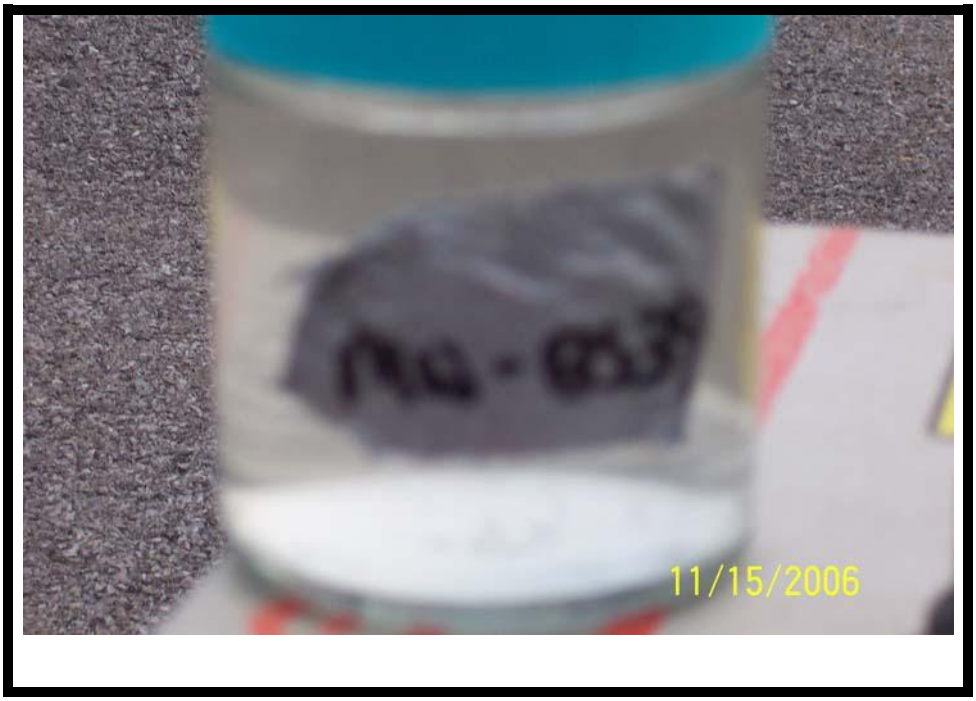


View of ash, cinders and black metallic slag encountered in fill material collected from boring BS-25 [2.0' to 3.2'].

View of the purge water from well MW-BH6 at the time of sampling.

View of the purge water from well MW-BS5 at the time of sampling.

View of the purge water from well MW-BS6 at the time of sampling.



View of the purge water from well MW-BS39 at the time of sampling.

View of partially fused ash with trace gray and black metallic slag encountered in fill material collected from boring BS-37 [8.0' to 8.4'].

View of foundry sand with trace gray, white, black metallic and blue-green slag encountered in fill material collected from boring BS-39 [4.0' to 5.7'].

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Tables

Table 1A
Soil Sample PID Readings
Project Round No. 1
Proposed Marina Development
Port of Rochester, Rochester, New York
Remedial Investigation
(All PID Readings Listed in Parts Per Million (ppm))

Test Boring I.D.	Depth of Sample Analyzed										Interval Submitted for Analysis	Analytical Method
	0' – 2'	2' – 4'	4' – 6'	6' – 8'	8' – 10'	10' – 12'	12' – 14'	14' – 16'	16' – 18'	18' – 20'		
Former Roundhouse Area Borings within the Proposed Marina Study Area												
BH-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	----	----	Not Applicable	Not Applicable
BH-2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	----	----	Not Applicable	Not Applicable
BH-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	----	----	Not Applicable	Not Applicable
BH-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I.R.	0.0	0.0	1.2' to 3.5'	**VOCs-TCL+STARS, SVOCs-STARS, RCRA Metals, PCBs & TPH**
BH-5	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	----	----	1.0' to 4.2'	**VOCs-TCL+STARS, SVOCs-STARS, RCRA Metals, PCBs & TPH**
BH-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0' to 4.3'	**VOCs-TCL+STARS, SVOCs-STARS, RCRA Metals, PCBs & TPH**
General Borings to Confirm the Presence of Regulated Solid Waste within the Proposed Marina Study Area												
BS-1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	----	----	2.0' – 3.5'	**PPL Metals**
BS-2	0.0	0.0	0.0	I.R.	0.0	0.0	0.0	0.0	----	----	2.0' – 2.4'	**PPL Metals**
BS-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	----	----	1.1' – 1.7'	**PPL Metals**
BS-4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0' – 1.5'	**PPL Metals**
BS-5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0' – 6.2'	**VOCs -TCL+TICs, SVOC-TCL+TICs, TAL Metals, PCBs, Pesticides & Cyanide**
											8.0' – 13.2'	**VOCs-TCL, SVOCs-TCL, PCBs, Pesticides, Cyanide & TOC**
BS-6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0' – 2.7'	**PPL Metals**
BS-7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	----	----	1.0' – 2.8'	**VOCs-TCL+TICs, SVOCs-TCL+TICs, TAL Metals, PCBs, Pesticides & Cyanide**
											4.0' – 7.6'	**VOCs-TCL, SVOCs-TCL, PCBs, Pesticides & Cyanide**
											8.0' – 9.2'	**TOC**
BS-8	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	----	----	2.0' – 2.5'	**PPL Metals**
BS-9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0' – 4.6'	**VOCs-TCL+TICs, SVOCs-TCL+TICs, TAL Metals, PCBs, Pesticides & Cyanide**
											6.0' – 6.9'	**VOCs-TCL, SVOCs-TCL, PCBs, Pesticides & Cyanide**
											14.0' – 15.0'	**TOC**
BS-10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6' – 1.3'	**PPL Metals**
BS-11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	----	----	0.0' – 1.4'	**PPL Metals**
BS-12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	----	----	0.4' – 0.6'	**PPL Metals**

Note: All PID readings were collected utilizing a MiniRae 2000 photoionization detector and are representative of ppm VOC
VOCs-TCL denotes sample analyzed for VOCs by USEPA Method 8260B TCL
VOCs-TCL+TICs denotes sample analyzed for VOCs by USEPA Method 8260B TCL plus 20 TICs
VOCs-TCL+STARS denotes sample analyzed for VOCs by USEPA Method 8260B TCL plus NYSDEC STARS Constituents
SVOCs-TCL+TICs denotes sample analyzed for Semi-VOCs by USEPA Method 8270C TCL plus 20 TICS
SVOCs-STARS denotes sample analyzed for Semi-VOCs by USEPA Method 8270C NYSDEC STARS Constituents only
RCRA Metals denotes sample analyzed for RCRA Metals by USEPA Methods 6010 and 7471
PPL Metals denotes sample analyzed for Priority Pollutant Metals by USEPA Methods 6010 and 7471
TAL Metals denotes sample analyzed for Target Analyte List Metals by USEPA Methods 6010 and 7471
PCBs denotes sample analyzed for PCBs by USEPA Method 8082A
Pesticides denotes sample analyzed for Pesticides by USEPA Method 8081B
Cyanide denotes sample analyzed for Total Cyanide by USEPA Method 9012A
TOC denotes sample analyzed for Total Organic Carbon by the KAHN Method
TPH denotes sample analyzed for Total Petroleum Hydrocarbons bu USEPA Method 310.13
I.R. denotes insufficient recovery for this interval
--- denotes that no soil sample was collected as the interval was below the bottom of the soil boring

Table 1B
Soil Sample PID Readings
Project Rounds No. 2 and 3
Proposed Marina Development
Port of Rochester, Rochester, New York
Remedial Investigation
(All PID Readings Listed in Parts Per Million (ppm))

Test Boring I.D.	Depth of Sample Analyzed											Interval Submitted for Analysis	Analytical Method
	0' – 2'	2' – 4'	4' – 6'	6' – 8'	8' – 10'	10' – 12'	12' – 14'	14' – 16'	16' – 18'	18' – 20'	20' – 22'		
General Borings to Confirm the Presence of Regulated Solid Waste within the Proposed Marina Study Area													
BS-13	0.0	0.5	0.0	I.R.	I.R.	0.0	0.1	0.1	-----	-----	-----	2.0' – 3.1'	**VOCs-STARS, SVOCs-STARS & Metals**
BS-14	0.4	0.1	0.1	4.3	3.7	0.2	0.2	0.0	-----	-----	-----	Not Applicable	Not Applicable
BS-15	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-----	-----	-----	Not Applicable	Not Applicable
BS-16	0.0	I.R.	0.1	0.0	0.0	0.0	0.0	0.0	-----	-----	-----	Not Applicable	Not Applicable
BS-17	0.3	0.1	0.1	0.0	0.0	0.1	0.1	0.0	-----	-----	-----	Not Applicable	Not Applicable
BS-18	0.4	1.7	0.4	0.0	3.2	2.7	0.0	0.0	-----	-----	-----	2.0' – 3.4'	**VOCs-STARS, SVOCs-STARS & Metals**
BS-19	0.2	0.0	0.0	1.0	0.0	0.0	0.0	0.0	-----	-----	-----	Not Applicable	Not Applicable
BS-20	1.8	0.1	0.0	0.4	0.1	1.3	0.1	0.1	-----	-----	-----	Not Applicable	Not Applicable
BS-21	5.2	0.3	0.2	0.4	0.0	0.2	0.0	0.0	-----	-----	-----	4.0' – 4.5'	**VOCs-STARS, SVOCs-STARS & Metals**
BS-22	0.6	8.2	I.R.	0.2	0.3	4.7	0.4	0.0	-----	-----	-----	2.0' – 3.0'	**VOCs-STARS, SVOCs-STARS & Metals**
BS-23	3.1	2.1	0.0	0.0	0.1	0.0	0.0	0.0	-----	-----	-----	Not Applicable	Not Applicable
BS-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-----	-----	-----	Not Applicable	Not Applicable
BS-25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-----	-----	-----	Not Applicable	Not Applicable
BS-26	0.6	0.2	0.1	0.0	0.0	I.R.	0.0	0.0	-----	-----	-----	Not Applicable	Not Applicable
BS-27	0.0	5.7	11.5	15.9	3.1	1.6	2.2	0.9	-----	-----	-----	4.5' – 5.5'	**VOCs-STARS, SVOCs-STARS & Metals**
BS-28	0.1	0.9	2.1	0.8	0.5	32.2	I.R.	0.3	-----	-----	-----	4.0' – 5.4'	**VOCs-STARS, SVOCs-STARS & Metals**
BS-29	0.3	1.2	2.6	0.6	8.4	0.9	0.0	0.0	-----	-----	-----	Not Applicable	Not Applicable
BS-30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-----	-----	-----	0.5' – 1.1'	**VOCs-STARS, SVOCs-STARS & Metals**
BS-31	0.1	0.2	0.3	0.2	0.2	0.4	0.3	0.1	-----	-----	-----	2.0' – 2.9'	**VOCs-STARS, SVOCs-STARS & Metals**
BS-32	0.4	0.2	I.R.	0.0	0.2	0.0	0.0	I.R.	-----	-----	-----	Not Applicable	Not Applicable
BS-33	1.9	0.1	0.0	0.0	0.0	0.0	0.1	0.0	-----	-----	-----	Not Applicable	Not Applicable
BS-34	0.5	0.2	0.1	0.1	0.2	0.1	0.1	0.0	-----	-----	-----	Not Applicable	Not Applicable
BS-35	0.4	0.1	0.0	0.1	0.2	0.5	0.1	-----	-----	-----	-----	Not Applicable	Not Applicable
BS-36	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-----	-----	-----	Not Applicable	Not Applicable
General Borings to Confirm the Presence of Slag within the Proposed Underground Garage Study Area													
BS-37	0.2	0.1	3.2	0.4	0.1	0.1	0.9	0.4	0.3	0.1	0.0	6.0' – 7.7'	**VOCs-TCL, SVOCs-TCL, PCBs, Pesticides & TAL Metals**
BS-38	0.9	0.1	0.0	5.3	0.3	0.0	0.1	I.R.	0.0	-----	-----	6.0' – 7.1'	**VOCs-TCL, SVOCs-TCL, PCBs, Pesticides & TAL Metals**
BS-39	4.5	0.1	7.6	0.1	0.5	1.4	0.5	0.9	0.3	0.2	-----	6.0' – 6.7'	**VOCs-TCL, SVOCs-TCL, PCBs, Pesticides & TAL Metals**

Note: All PID readings were collected utilizing a MiniRae 2000 photoionization detector and are representative of ppm VOC
VOCs- STARS denotes sample analyzed for VOCs by USEPA Method 8260B NYSDEC STARS Constituents Only
VOCs-TCL denotes sample analyzed for VOCs by USEPA Method 8260B TCL
SVOCs-TCL denotes sample analyzed for Semi-VOCs by USEPA Method 8270C TCL
SVOCs-STARS denotes sample analyzed for Semi-VOCs by USEPA Method 8270C NYSDEC STARS Constituents only
PCBs denotes sample analyzed for PCBs by USEPA Method 8082A
Pesticides denotes sample analyzed for Pesticides by USEPA Method 8081B
TAL Metals denotes sample analyzed for Target Analyte List Metals by USEPA Methods 6010 and 7471
Metals denotes sample analyzed for the Metals Arsenic, Cadmium, Chromium and Mercury by USEPA Methods 6010 and 7471
I.R. denotes insufficient recovery for this interval
--- denotes that no soil sample was collected as the interval was below the bottom of the soil boring

Table 2A
Soil Sample Analytical Results Summary
Project Round No. 1
Proposed Marina Development
Port of Rochester, Rochester, New York
Remedial Investigation
Detected Volatile Organic Compounds
(USEPA Methods 8260B Target Compound List and NYSDEC STARS List Compounds)

Parameter / Sample ID #	BH-4 (1.2' to 3.5') Composite	BH-5 (1.0' to 4.2') Composite	BH-6 (1.0' to 4.3') Composite	BS-5 (1.0' to 6.2') Composite	BS-5 (8.0' to 13.2') Composite	BS-5 (8.0' to 13.2') Composite	BS-7 (1.0' to 2.8') Composite	BS-7 (4.0' to 7.6') Composite	BS-9 (2.0' to 4.6') Composite	BS-9 (6.0' to 6.9')	Restricted Use Soil Cleanup Objectives	
	Fill & Native Material with Fill Containing Foundry Sand	Fill Material Containing Ash, Slag & Cinders	Fill Material Containing Slag & Cinders	Fill Material Containing Slag, Foundry Sand, Ash & Cinders	Native Material	Native Material	Fill Material Containing Foundry Sand & Slag	Native Material	Fill Material Containing Concrete, Cinders, Ash & Slag	Native Material	Protection of Public Health: Commercial Use	Protection of Groundwater
	Historical Turntable Area			Regulated Solid Waste Area		Regulated Solid Waste Area (QA/QC Duplicate)	Regulated Solid Waste Area					
Volatile Organic Compounds												
Acetone	ND <27	14 J	14 J	17 J	16 J	17 J	7 J	34	14 J	14 J	500,000	50
Methylene Chloride	7 B	9 B	40 B	6 B	6 B	6 B	12 B	13 B	10 B	9 B	500,000	50
Trichlorofluoromethane	ND <5	ND <6	ND <11	ND <5	ND <6	ND <6	ND <6	1 BJ	1 BJ	ND <5	Not Listed	Not Listed
Carbon Disulfide	ND <4	ND <6	ND <11	2 J	ND <6	ND <6	ND <6	ND <6	ND <5	ND <5	Not Listed	Not Listed
Tentatively Identified Compounds - Volatile Organic Compounds												
Propene	Not Tested for TICs	Not Tested for TICs	Not Tested for TICs	12 JN	None Detected	None Detected	-----	-----	-----	-----	Not Listed	Not Listed
Unknown				8 J			-----	-----	-----	-----		
Unknown Silanol				-----			6 J	6 J	6 J	6 J		

- Bold Type denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Groundwater.
- Bold Type in a Shaded Cell denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Public Health: Commercial Use.
- J denotes an estimated value where the result is less than the quantitation limit, but greater than zero.
- N denotes a TIC where the identification is based on the Mass Spectral library search.
- ND denotes compound not detected above the method detection limits.
- B denotes that the analyte was detected in the associated blank.
- All concentrations reported in ug/kg.

Table 2B
Soil Sample Analytical Results Summary
Project Rounds Nos. 2 & 3
Proposed Marina Development
Port of Rochester, Rochester, New York
Remedial Investigation
Detected Volatile Organic Compounds
(USEPA Methods 8260B Target Compound List and NYSDEC STARS List Compounds)

Parameter / Sample ID #	BS-13 (2.0' to 3.1')	BS-18 (2.0' to 3.4')	BS-21 (4.0' to 4.5')	BS-22 (2.0' to 3.0')	BS-27 (4.5' to 5.5')	BS-28 (4.0' to 5.4')	BS-30 (0.5' to 1.1')	BS-31 (2.0' to 2.9')	Restricted Use Soil Cleanup Objectives	
	Fill Material Containing Slag, Ash & Asphalt	Fill Material Containing Slag, Ash & Cinders	Fill Material Containing Slag	Fill Material & Native Soil w/Fill Material Containing Foundry Sand and Slag	Fill Material Containing Foundry Sand & Slag	Fill Material Containing Foundry Sand, Slag, Cinders & Ash	Fill Material Containing Foundry Sand	Fill Material Containing Slag	Protection of Public Health: Commercial Use	Protection of Groundwater
	Regulated Solid Waste Area									
Volatile Organic Compounds										
Naphthalene	ND <5	ND <6	ND <5	ND <5	ND <6	ND <5	1 BJ	ND <6	500,000	12,000

- **Bold Type** denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Groundwater.
- **Bold Type in a Shaded Cell** denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Public Health: Commercial Use.
- J denotes an estimated value where the result is less than the quantitation limit, but greater than zero.
- ND denotes compound not detected above the method detection limits.
- B denotes that the analyte was detected in the associated blank.
- All concentrations reported in ug/kg.

Table 3A
Soil Sample Analytical Results Summary
Project Round No. 1
Proposed Marina Development
Port of Rochester, Rochester, New York
Remedial Investigation
Detected Semi-Volatile Organic Compounds
(USEPA Methods 8270C NYSDEC STARS List Compounds)

Parameter / Sample ID #	BH-4 (1.2' to 3.5') Composite	BH-5 (1.0' to 4.2') Composite	BH-6 (1.0' to 4.3') Composite	BS-5 (1.0' to 6.2') Composite	BS-5 (8.0' to 13.2') Composite	BS-5 (8.0' to 13.2') Composite	BS-7 (1.0' to 2.8') Composite	BS-7 (4.0' to 7.6') Composite	BS-9 (2.0' to 4.6') Composite	BS-9 (6.0' to 6.9')	Restricted Use Soil Cleanup Objectives	
	Fill & Native Material with Fill Containing Foundry Sand	Fill Material Containing Ash, Slag & Cinders	Fill Material Containing Slag & Cinders	Fill Material Containing Slag, Foundry Sand, Ash & Cinders	Native Material	Native Material	Fill Material Containing Foundry Sand & Slag	Native Material	Fill Material Containing Concrete, Cinders, Ash & Slag	Native Material	Protection of Public Health: Commercial Use	Protection of Groundwater
	Historical Turntable Area			Regulated Solid Waste Area		Regulated Solid Waste Area QA/QC Duplicate	Regulated Solid Waste Area					
Semi-Volatile Organic Compounds												
Acenaphthene	ND <360	ND <2,000	ND <760	30 J	ND <400	ND <390	26 J	ND <400	ND <350	ND <360	500,000	98,000
Acenaphthylene	ND <360	ND <2,000	ND <760	690	ND <400	ND <390	ND <370	ND <400	440	ND <360	500,000	107,000
Anthracene	ND <360	ND <2,000	ND <760	380	ND <400	ND <390	61 J	ND <400	130 J	ND <360	500,000	1,000,000
Benzo(a)anthracene	ND <360	330 J	ND <760	**1,800**	ND <400	ND <390	150 J	ND <400	430	ND <360	5,600	1,000
Benzo(b)fluoranthene	ND <360	750 J	ND <760	**3,300**	ND <400	ND <390	190 J	ND <400	1,600	36 J	5,600	1,700
Benzo(k)fluoranthene	ND <360	300 J	ND <760	990	ND <400	ND <390	200 J	ND <400	1,600	ND <360	56,000	1,700
Benzo(g,h,I)perylene	ND <360	540 J	ND <760	1,000	ND <400	ND <390	70 J	ND <400	570	22 J	500,000	1,000,000
Benzo(a)pyrene	ND <360	540 J	ND <760	2,200	ND <400	ND <390	120 J	ND <400	930	27 J	1,000	22,000
Chrysene	ND <360	400 J	ND <760	**1,600**	ND <400	ND <390	130 J	ND <400	430	ND <360	56,000	1,000
Dibenz(a,h)anthracene	ND <360	140 J	ND <760	330 J	ND <400	ND <390	22 J	ND <400	200 J	ND <360	560	1,000,000
Fluoranthene	ND <360	510 J	ND <760	3,000	ND <400	ND <390	320 J	ND <400	600	38 J	500,000	1,000,000
Fluorene	ND <360	ND <2,000	ND <760	150 J	ND <400	ND <390	ND <370	ND <400	24 J	ND <360	500,000	386,000
Indeno(1,2,3-cd)pyrene	ND <360	460 J	ND <760	990	ND <400	ND <390	66 J	ND <400	560	23 J	5,600	8,200
Naphthalene	ND <360	340 J	ND <760	42 J	ND <400	ND <390	ND <370	ND <400	25 J	ND <360	500,000	12,000
Phenanthrene	ND <360	130 J	ND <760	1,200	ND <400	ND <390	260 J	ND <400	79 J	ND <360	500,000	1,000,000
Pyrene	ND <360	460 J	ND <760	2,500	ND <400	ND <390	220 J	ND <400	630	24 J	500,000	1,000,000
bis (2-Ethylhexyl) Phthalate	Not Tested	Not Tested	Not Tested	61 J	ND <400	ND <390	ND <370	ND <400	ND <350	ND <360	Not Listed	Not Listed
Carbazole	Not Tested	Not Tested	Not Tested	130 J	ND <400	ND <390	ND <370	ND <400	40 J	ND <360	Not Listed	Not Listed
Dibenzofuran	Not Tested	Not Tested	Not Tested	68 J	ND <400	ND <390	ND <370	ND <400	ND <350	ND <360	350,000	210,000
2-Methylnaphthalene	Not Tested	Not Tested	Not Tested	25 J	ND <400	ND <390	20 J	ND <400	ND <350	ND <360	Not Listed	Not Listed
Tentatively Identified Compounds - Semi-Volatile Organic Compounds												
Cyclopenta (def) phenanthreno	Not Tested for TICs	Not Tested for TICs	Not Tested for TICs	-----	None Detected	None Detected	None Detected	None Detected	230 JN	-----	Not Listed	Not Listed
Heptadecane				150 JN					-----	-----		
1-Methylanthracene				270 JN					-----	-----		
Unknown PAH				380 J					380 J	-----		
Unknown PAH				150 JN					-----	-----		
Unknown				530 J					140 J	310 J		
Unknown				200 J					200 J	410 J		
9,10-Anthracenedione				440 JN					-----	-----		
Unknown PAH				260 J					660 J	-----		
Unknown				160 J					-----	-----		
2,6,10,15-Tetramethylheptade				420 JN					-----	-----		
Unknown PAH				160 J					160 J	-----		
Unknown PAH				190 J					150 J	-----		
Unknown PAH				170 J					-----	-----		
Unknown PAH				400 J					-----	-----		
Unknown PAH				1100 J					-----	-----		
Unknown				870 J					-----	-----		
Unknown				990 J					-----	-----		

- **Bold Type** denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Groundwater.
- **Bold Type in a Shaded Cell** denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Public Health: Commercial Use.
- N denotes presumptive evidence of a tentatively identified compound where the identification is based on the Mass Spectral library search
- J denotes an estimated value where the result is less than the quantitation limit, but greater than zero.
- ND denotes compound not detected above the method detection limits.
- ---- denotes a TIC not detected in that specific sample.
- All concentrations reported in ug/kg.

Table 3B
Soil Sample Analytical Results Summary
Project Rounds Nos. 2 & 3
Proposed Marina Development
Port of Rochester, Rochester, New York
Remedial Investigation
Detected Semi-Volatile Organic Compounds
(USEPA Methods 8270C NYSDEC STARS List Compounds)

Parameter / Sample ID #	BS-13 (2.0' to 3.1')	BS-18 (2.0' to 3.4')	BS-21 (4.0' to 4.5')	BS-22 (2.0' to 3.0')	BS-27 (4.5' to 5.5')	BS-28 (4.0' to 5.4')	BS-30 (0.5' to 1.1')	BS-31 (2.0' to 2.9')	Restricted Use Soil Cleanup Objectives	
	Fill Material Containing Slag, Ash & Asphalt	Fill Material Containing Slag, Ash & Asphalt	Fill Material Containing Slag	Fill Material & Native Soil w/Fill Material Containing Foundry Sand and Slag	Fill Material Containing Foundry Sand & Slag	Fill Material Containing Foundry Sand, Slag, Cinders & Ash	Fill Material Containing Foundry Sand	Fill Material Containing Slag	Protection of Public Health: Commercial Use	Protection of Groundwater
	Regulated Solid Waste Area									
Semi-Volatile Organic Compounds										
Acenaphthene	ND <7,200	ND <370	ND <350	ND <350	ND <400	ND <360	440 J	ND <1,900	500,000	98,000
Anthracene	ND <7,200	ND <370	ND <350	170 J	ND <400	ND <360	5,600 J	ND <1,900	500,000	1,000,000
Benzo(a)anthracene	380 J	22 J	ND <350	400	22 J	26 J	**20,000**	ND <1,900	5,600	1,000
Benzo(b)fluoranthene	ND <7,200	23 J	ND <350	700	26 J	31 J	**27,000**	ND <1,900	5,600	1,700
Benzo(k)fluoranthene	ND <7,200	ND <370	ND <350	ND <350	ND <400	ND <360	**11,000**	ND <1,900	56,000	1,700
Benzo(g,h,I)perylene	ND <7,200	ND <370	ND <350	200 J	ND <400	ND <360	10,000	ND <1,900	500,000	1,000,000
Benzo(a)pyrene	ND <7,200	21 J	ND <350	410	ND <400	ND <360	21,000	ND <1,900	1,000	22,000
Chrysene	ND <7,200	24 J	ND <350	400	ND <400	30 J	**18,000**	ND <1,900	56,000	1,000
Dibenz(a,h)anthracene	ND <7,200	ND <370	ND <350	77 J	ND <400	ND <360	3,300 J	ND <1,900	560	1,000,000
Fluoranthene	410 J	45 J	ND <350	780	ND <400	30 J	38,000	ND <1,900	500,000	1,000,000
Fluorene	ND <7,200	ND <370	ND <350	ND <350	ND <400	ND <360	2,400 J	ND <1,900	500,000	386,000
Indeno(1,2,3-cd)pyrene	ND <7,200	ND <370	ND <350	200 J	ND <400	ND <360	**9,500**	ND <1,900	5,600	8,200
Naphthalene	ND <7,200	ND <370	ND <350	ND <350	ND <400	ND <360	1,900 J	ND <1,900	500,000	12,000
Phenanthrene	ND <7,200	26 J	ND <350	710	ND <400	ND <360	16,000	ND <1,900	500,000	1,000,000
Pyrene	460 J	36 J	ND <350	670	ND <400	32 J	30,000	ND <1,900	500,000	1,000,000

- **Bold Type** denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Groundwater.
- **Bold Type in a Shaded Cell** denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Public Health: Commercial Use.
- N denotes presumptive evidence of a tentatively identified compound where the identification is based on the Mass Spectral library search
- J denotes an estimated value where the result is less than the quantitation limit, but greater than zero.
- ND denotes compound not detected above the method detection limits.
- All concentrations reported in ug/kg.

Table 4
Soil Sample Analytical Results Summary
Project Round No. 1
Proposed Marina Development
Port of Rochester, Rochester, New York
Remedial Investigation
Detected Pesticides
(USEPA Methods 8081B)

Parameter / Sample ID #	BS-5 (1.0' to 6.2') Composite	BS-5 (8.0' to 13.2') Composite	BS-5 (8.0' to 13.2') Composite QA/QC Duplicate	BS-7 (1.0' to 2.8')	BS-7 (4.0' to 7.6') Composite	BS-9 (2.0' to 4.6') Composite	BS-9 (6.0' to 6.9')	Restricted Use Soil Cleanup Objectives	
	Fill Material Containing Slag, Foundry Sand, Ash & Cinders	Native Material	Native Material	Fill Material Containing Foundry Sand & Slag	Native Material	Fill Material Containing Concrete, Cinders, Ash & Slag	Native Material	Protection of Public Health: Commercial Use	Protection of Groundwater
	Regulated Solid Waste Area								
beta-BHC	24	ND <2.0	ND <2.0	ND <1.9	ND <2.1	ND <1.8	ND <1.8	3,000	90
delta-BHC	ND <19	ND <2.0	ND <2.0	1.6 J	ND <2.1	1.4 J	ND <1.8	500,000	250
gamma-BHC	ND <19	ND <2.0	ND <2.0	1.2 J	ND <2.1	ND <1.8	ND <1.8	9,200	100
4,4'-DDD	ND <19	ND <2.0	ND <2.0	1.0 J	ND <2.1	ND <1.8	ND <1.8	92,000	14,000
4,4'-DDT	35	ND <2.0	ND <2.0	2.5	ND <2.1	2.2	ND <1.8	47,000	136,000
Dieldrin	ND <19	ND <2.0	ND <2.0	ND <1.9	ND <2.1	1.1 J	ND <1.8	1,400	100
Endosulfan II	9.4 J	ND <2.0	ND <2.0	0.95 J	ND <2.1	0.85 J	1.9	200,000	102,000
Endosulfan Sulfate	14 J	ND <2.0	ND <2.0	0.99 J	1.1 J	1.0 J	ND <1.8	200,000	1,000,000
Endrin	17 J	ND <2.0	ND <2.0	ND <1.9	ND <2.1	ND <1.8	ND <1.8	89,000	60
Endrin Aldehyde	ND <19	ND <2.0	ND <2.0	ND <1.9	ND <2.1	1.2 J	ND <1.8	Not Listed	Not Listed
Heptachlor Epoxide	ND <19	ND <2.0	ND <2.0	ND <1.9	ND <2.1	0.92 J	ND <1.8	Not Listed	Not Listed
Methoxychlor	20	ND <2.0	ND <2.0	2.0	ND <2.1	ND <1.8	ND <1.8	Not Listed	Not Listed

- **Bold Type** denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Groundwater.
- **Bold Type in a Shaded Cell** denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Public Health: Commercial Use.
- J denotes an estimated value where the result is less than the quantitation limit, but greater than zero.
- ND denotes analyte not detected above the method detection limits.
- * denotes that the analysis is not within the quality control limits.
- All concentrations reported in ug/kg.

Table 5A
Soil Sample Analytical Results Summary
Project Round #1
Proposed Marina Development
Port of Rochester, Rochester, New York
Remedial Investigation
Detected Metals
(USEPA Methods 6010 and 7471)

Parameter / Sample ID #	BH-4 (1.2' to 3.5') Composite	BH-5 (1.0' to 4.2') Composite	BH-6 (1.0' to 4.3') Composite	BS-1 (2.0' to 3.5')	BS-2 (2.0' to 2.4')	BS-3 (1.1' to 1.7')	BS-4 (1.0' to 1.5')	BS-5 (8.0' to 13.2') Composite	BS-6 (2.0' to 2.7')	BS-7 (1.0' to 2.8') Composite	BS-8 (2.0' to 2.5')	BS-9 (2.0' to 4.6') Composite	BS-10 (0.6' to 1.3')	BS-11 (0.0' to 1.4')	BS-12 (0.4' to 0.6')	Restricted Use Soil Cleanup Objectives	
	Fill Contains Foundry Sand	Fill Contains Ash, Slag & Cinders	Fill Contains Slag & Cinders	Fill Contains Slag & Cinders	Fill Contains Foundry Sand, Slag & Cinders	Fill Contains Reworked Native Soil	Fill Contains Cinders & Refractory Sand	Native Material	Fill Contains Foundry Sand & Slag	Fill Contains Foundry Sand & Slag	Fill Contains Foundry Sand & Slag	Fill Contains Concrete, Cinders, Ash & Slag	Fill Contains Slag	Fill Contains Slag	Fill Contains Slag	Protection of Public Health: Commercial Use	Protection of Groundwater
	Historical Turntable Area			Regulated Solid Waste Area													
Aluminum	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	10,400 E*	Not Tested	6,900	Not Tested	21,200	Not Tested	Not Tested	Not Tested	Not Listed	Not Listed
Antimony				ND <16.9	ND <16.3	ND <16.9	ND <17.7	ND <14.7 N	ND <16.7	ND <16.7	ND <15.8	ND <15.6	ND <16.0	ND <16.3	ND <14.7	Not Listed	Not Listed
Arsenic	3.4	5.3	6.1	14.6	4.7	4.0	5.1	9.0 N	6.5	13.7	2.5	ND <2.1	4.3	3.3	5.1	16	16
Barium	39.5	558	46.2	Not Tested	Not Tested	Not Tested	Not Tested	103 NE*	Not Tested	190	Not Tested	362	Not Tested	Not Tested	Not Tested	400	820
Beryllium	Not Tested	Not Tested	Not Tested	1.6 E	2.9 E	0.34 E	5.0 E	2.1 E	0.74 E	2.1 E	6.0 E	3.2 E	4.5 E	0.60 E	0.70 E	590	47
Cadmium	ND <0.21	ND <0.25	ND <0.46	0.55	ND <0.22	0.25	ND <0.24	0.46 N	0.31	0.62	ND <0.21	ND <0.21	0.42	0.25	0.32	9.3	7.5
Calcium	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	125,000	Not Tested	34,200	Not Tested	214,000	Not Tested	Not Tested	Not Tested	Not Listed	Not Listed
Chromium	7.0 E	2.2 E	10.9 E	16.0 E	5.4 E	7.8 E	2.3 E	16.0 NE*	9.8 E	**28.9 E**	1.5 E	1.8 E	6.5 E	7.4 E	9.0 E	400	19
Cobalt	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	4.2 E	Not Tested	8.50	Not Tested	0.12 B	Not Tested	Not Tested	Not Tested	Not Listed	Not Listed
Copper				20.5	6.3	26.1	4.2	11.8 E	25.1	41.4	7.2	1.1	10.6	12.7	16.1	270	1,720
Iron				Not Tested	Not Tested	Not Tested	Not Tested	70,600 E*	Not Tested	223,000	Not Tested	2,070	Not Tested	Not Tested	Not Tested	Not Listed	Not Listed
Lead	8.4 E	10.7 E	9.3 E	82.2 E	14.7 E	15.5 E	5.5 E	16.0 E	74.6 E	89.9 E	6.2 E	1.2 E	47.7 E	27.9 E	38.1 E	1,000	450
Magnesium	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	9,560 E*	Not Tested	4,560	Not Tested	13,500	Not Tested	Not Tested	Not Tested	Not Listed	Not Listed
Manganese								1,300 E		**3,340**		162				10,000	2,000
Mercury	ND <0.019	0.073	ND <0.041	0.047	0.063	0.058	ND <0.020	ND <0.019	0.074	0.026	0.026	ND <0.017	0.066	0.062	0.063	2.8	0.73
Nickel	Not Tested	Not Tested	Not Tested	9.6 E	3.6 E	7.9 E	2.9 E	8.6 NE*	29.2 E	13.8 E	3.2 E	0.74 E	6.4 E	8.5 E	10.0 E	310	130
Potasium				Not Tested	Not Tested	Not Tested	Not Tested	940	Not Tested	1,630	Not Tested	3,300	Not Tested	Not Tested	Not Tested	Not Listed	Not Listed
Selenium	ND <4.1	ND <5.0	ND <9.2	ND <4.5	ND <4.3	ND <4.5	ND <4.7	ND <3.9 N*	ND <4.4	ND <4.4	ND <4.2	ND <4.2	ND <4.3	ND <4.4	ND <3.9	1,500	4
Silver	ND <0.52	ND <0.63	ND <1.1	ND <0.56	ND <0.57	ND <0.56	ND <0.57	ND <0.49	ND <0.55	ND <0.55	ND <0.54	ND <0.56	0.68	ND <0.55	ND <0.53	1,500	8.3
Sodium	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	354 N*	Not Tested	943	Not Tested	627	Not Tested	Not Tested	Not Tested	Not Listed	Not Listed
Thallium				ND <6.7	ND <6.5	ND <6.8	ND <7.1	ND <5.9 N	ND <6.7	ND <6.7	ND <6.3	ND <6.2	ND <6.4	ND <6.5	ND <5.9	Not Listed	Not Listed
Vanadium				Not Tested	Not Tested	Not Tested	Not Tested	16.7 E	Not Tested	34.4	Not Tested	5.3	Not Tested	Not Tested	Not Tested	Not Listed	Not Listed
Zinc				845	78.7	51.1	16.9	216 E*	204	473	11.8	4.9	91.3	58.6	160	10,000	2,480

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- **Bold Type in a Shaded Cell** denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Public Health: Commercial Use.
- ND denotes analyte not detected above the method detection limits.
- N denotes that the spike sample recovery was not within the quality control limits.
- E denotes an estimated value due to the presence of interferences.
- B denotes that the analyte was detected in the associated blank.
- SB denotes Site Background level.
- * denotes that the spike and/or duplicate analysis was not withion the quality control limits.
- All concentrations reported in mg/kg.

Table 5B
Soil Sample Analytical Results Summary
Project Rounds Nos. 2 & 3
Proposed Marina Development
Port of Rochester, Rochester, New York
Remedial Investigation
Detected Metals
(USEPA Methods 6010 and 7471)

Parameter / Sample ID #	BS-13 (2.0' to 3.1')	BS-18 (2.0' to 3.4')	BS-21 (4.0' to 4.5')	BS-22 (2.0' to 3.0')	BS-27 (4.5' to 5.5')	BS-28 (4.0' to 5.4')	BS-30 (0.5' to 1.1')	BS-31 (2.0' to 2.9')	Restricted Use Soil Cleanup Objectives	
	Fill Material Containing Slag, Ash & Asphalt	Fill Material Containing Slag, Ash & Cinders	Fill Material Containing Slag	Fill Material & Native Soil w/Fill Material Containing Foundry Sand and Slag	Fill Material Containing Foundry Sand & Slag	Fill Material Containing Foundry Sand, Slag, Cinders & Ash	Fill Material Containing Foundry Sand	Fill Material Containing Slag	Protection of Public Health: Commercial Use	Protection of Groundwater
	Regulated Solid Waste Area									
Arsenic	2.3	5.1	ND <2.0	ND <1.9	**18.7**	ND <2.2	4.8	**18.5**	16	16
Cadmium	0.26	0.27	ND <0.20	ND <0.19	2.7	ND <0.22	ND <0.21	1.8	9.3	7.5
Chromium	4.6 E	3.9 E	1.4 E	1.4 E	**62.6 E**	1.7	7.2 E	**39.0 E**	400	19
Mercury	0.065	0.024	ND <0.019	0.021	0.030	0.186	0.038	0.025	2.8	0.73

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- **Bold Type in a Shaded Cell** denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Public Health: Commercial Use.
- ND denotes analyte not detected above the method detection limits.
- N denotes that the spike sample recovery was not within the quality control limits.
- E denotes an estimated value due to the presence of interferences.
- B denotes that the analyte was detected in the associated blank.
- SB denotes Site Background level.
- All concentrations reported in mg/kg.

Table 6
Soil Sample Analytical Results Summary
Project Round No. 1
Proposed Marina Development
Port of Rochester, Rochester, New York
Remedial Investigation
Miscellaneous Parameters

Parameter / Sample ID #	Units	Analytical Method	BH-4 (1.2' to 3.5') Composite	BH-5 (1.0' to 4.2') Composite	BH-6 (1.0' to 4.3') Composite	BS-5 (1.0' to 6.2') Composite	BS-5 (8.0' to 13.2') Composite	BS-5 (8.0' to 13.2') Composite	BS-7 (1.0' to 2.8')	BS-7 (4.0' to 7.6') Composite	BS-7 (8.0' to 9.2')	BS-9 (2.0' to 4.6') Composite	BS-9 (6.0' to 6.9')	BS-9 (14.0' to 15.0')
			Fill & Native Material with Fill Containing Foundry Sand	Fill Material Containing Ash, Slag & Cinders	Fill Material Containing Slag & Cinders	Fill Material Containing Slag, Foundry Sand, Ash & Cinders	Native Material	Native Material	Fill Material Containing Foundry Sand & Slag	Native Material		Fill Material Containing Concrete, Cinders, Ash & Slag	Native Material	
			Historical Turntable Area			Regulated Solid Waste Area		Regulated Solid Waste Area (QA/QC Duplicate)	Regulated Solid Waste Area					
Total Petroleum Hydrocarbons	mg/kg	SW8463 9012	305	218	511	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested	Not Tested
Total Cyanide	ug/kg	MCAWW 1664 SGT	Not Tested	Not Tested	Not Tested	ND <0.95	ND <1.1	ND <0.98	ND <1.1	ND <1.2		ND <1.1	ND <1.1	
Total Organic Carbon	mg/kg	KAHN				Not Tested	3,210	Not Tested	Not Tested	Not Tested	ND <658	Not Tested	Not Tested	12,000

- ND denotes compound not detected above the method detection limits.

Table 7
Groundwater Sample Analytical Results Summary
Project Round No. 1
Proposed Marina Development
Port of Rochester, Rochester, New York
Remedial Investigation
Detected Volatile Organic Compounds
(USEPA Methods 8260B Target Compound List and NYSDEC STARS List Compounds)

Parameter / Sample ID #	MW-BH6	MW-BS5	MW-BH5 (Duplicate of MW-BS5)	MW-BS6	6 NYCRR Part 703 Groundwater Standards
	Historical Turntable Area	Regulated Solid Waste Area			
Volatile Organic Compounds					
Acetone	ND <5.0	3.2 J	2.8 J	19	50
2-Butanone	ND <5.0	ND <5.0	ND <5.0	2.6 J	50
Carbon Disulfide	ND <1.0	ND <1.0	ND <1.0	1.5	50
Chloroform	0.55 J	ND <1.0	ND <1.0	ND <1.0	7
Toluene	0.54 J	ND <1.0	ND <1.0	ND <1.0	5
Tentatively Identified Volatile Organic Compounds					
Alkybenzene Isomer	None Detected	None Detected	None Detected	4 J	Not Applicable

- **Bold Type** denotes that the detected value exceeds its associated 6 NYCRR Part 703 Groundwater Standards.
- N denotes a TIC where the identification is based on the Mass Spectral library search.
- J denotes an estimated value that is less than the sample quantitaion limit.
- ND denotes compound not detected above the method detection limits.
- All concentrations reported in ug/L.

Table 8
Groundwater Sample Analytical Results Summary
Project Round No. 1
Proposed Marina Development
Port of Rochester, Rochester, New York
Remedial Investigation
Detected Semi-Volatile Organic Compounds
(USEPA Methods 8270C NYSDEC STARS List Compounds)

Parameter / Sample ID #	MW-BH6		MW-BS5		MW-BH5 (Duplicate of MW-BS5)		MW-BS6		6 NYCRR Part 703 Groundwater Standards
	Historical Turntable Area		Regulated Solid Waste Area						
Semi-Volatile Organic Compounds									
4-Methylphenol	ND <10		ND <10		ND <10		2	J	50
Tentatively Identified Semi-Volatile Organic Compounds									
Unknown	12	BJ	13	BJ	18	BJ	18	J	Not Applicable
Unknown	6	J	6	J	5	J	110	J	
Unknown	9	J	9	BJ	8	BJ	210	J	
Unknown	15	BJ	6	J	5	J	16	J	
Unknown	6	J	24	J	21	J	17	J	
Unknown	26	J	15	J	26	BJ	81	J	
Butyl Ether Hexadecanoic Acid	16	JN	16	JN	14	JN	34	J	
Unknown	10	BJ	9	BJ	8	BJ	310	J	
Unknown	23	BJ	20	BJ	19	BJ	81	J	
Unknown	31	BJ	27	BJ	36	BJ	15	J	
Butyl Ether Octadecanoic Acid	30	JN	28	JN	25	JN	17	J	
Unknown	22	BJ	19	BJ	17	BJ	32	BJ	
Unknown	9	BJ	8	BJ	5	BJ	18	BJ	
Unknown	27	BJ	25	BJ	61	BJ	42	J	
Unknown	16	BJ	14	BJ	18	BJ	19	BJ	
Unknown	26	BJ	53	BJ	43	BJ	27	BJ	
Unknown	54	BJ	46	BJ	8	BJ	41	BJ	
Unknown	10	BJ	7	BJ	10	BJ	----		
Unknown	13	BJ	13	BJ	----		----		
Unknown	43	BJ	36	BJ	----		----		
Unknown Naphthalene Derivative	----		----		----		28	J	
Unknown Naphthalene Derivative	----		----		----		23	J	
Unknown Naphthalene Derivative	----		----		----		66	J	
Total Semi-Volatile Organic Compounds	404		394		347		1,207		

- **Bold Type** denotes that the detected value exceeds its associated 6 NYCRR Part 703 Groundwater Standards.
- N denotes a TIC where the identification is based on the Mass Spectral library search.
- J denotes an estimated value that is less than the sample quantitaion limit.
- B denotes that the analyte was detected in the associated blank.
- ND denotes compound not detected above the method detection limits.
- ---- denotes a TIC not detected in that specific sample.
- All concentrations reported in ug/L.

Table 9
Groundwater Sample Analytical Results Summary
Project Round No. 1
Proposed Marina Development
Port of Rochester, Rochester, New York
Remedial Investigation
Detected Pesticides
(USEPA Method 8081B)

Parameter / Sample ID #	MW-BH6	MW-BS5	MW-BH5 (Duplicate of MW-BS5)	MW-BS6	6 NYCRR Part 703 Groundwater Standards
	Historical Turntable Area	Regulated Solid Waste Area			
beta-BHC	0.017 J	ND <0.050	ND <0.050	ND <0.050	0.04
gamma-BHC	ND <0.050	ND <0.050	ND <0.050	0.020 J	0.05
delta-BHC	0.033 J	ND <0.050	ND <0.050	0.019 J	0.04
4,4'-DDD	0.022 J	0.019 J	0.020 J	ND <0.050	0.3
4,4'-DDE	0.037 J	ND <0.050	ND <0.050	ND <0.050	0.2
4,4'-DDT	ND <0.050	ND <0.050	ND <0.050	0.046 J	0.2
Endosulfan II	0.017 J	ND <0.050	ND <0.050	ND <0.050	Below MDL
Endrin	0.024 J	ND <0.050	ND <0.050	ND <0.050	Below MDL
Endrin Aldehyde	0.011 BJ	0.0090 BJ	0.0080 BJ	0.013 BJ	5
Heptachlor Epoxide	0.020 J	0.017 J	0.017 J	0.020 J	0.03

- **Bold Type** denotes that the detected value exceeds its associated 6 NYCRR Part 703 Groundwater Standards.
- J denotes an estimated value that is less than the sample quantitaion limit.
- B denotes that the analyte was detected in the associated blank.
- ND denotes compound not detected above the method detection limits.
- "NR-C" means the compound does not list a Guidance Value under the GA Water Classification.
- "NR" means Not Regulated because the compound is not detectable by the analytical tests specified or approved pursuant to Part 700 of this Title
- "MDL" denotes Method Detection Limit.
- All concentrations reported in ug/L.

Table 10
Groundwater Sample Analytical Results Summary
Project Round No. 1
Proposed Marina Development
Port of Rochester, Rochester, New York
Remedial Investigation
Target Analyte Metals
(USEPA Methods 6010 and 7471)

Parameter / Sample ID #	MW-BH6	MW-BS5	MW-BH5 (Duplicate of MW-BS5)	MW-BS6	6 NYCRR Part 703 Groundwater Standards
	Historical Turntable Area	Regulated Solid Waste Area			
Aluminum	660	731	661	911	Not Available
Antimony	ND <20.0	ND <20.0	ND <20.0	ND <20.0	3
Arsenic	1.81	1.62	1.45	1.88	25
Barium	378	645	619	165	1,000
Beryllium	ND <2.0	ND <2.0	ND <2.0	ND <2.0	1,100
Cadmium	ND <1.0	ND <1.0	ND <1.0	ND <1.0	10
Calcium	388,000	216,000	210,000	209,000	Not Available
Chromium	ND <4.0	ND <4.0	ND <4.0	ND <4.0	50
Cobalt	ND <4.0	ND <4.0	ND <4.0	ND <4.0	Not Available
Copper	ND <10.0	ND <10.0	ND <10.0	ND <10.0	200
Iron	**5,820**	**12,100**	**11,000**	**2,630**	300
Lead	ND <1.00	ND <1.00	ND <1.00	ND <1.00	25
Magnesium	**80,100**	**37,500**	**36,500**	25,700	35,000
Manganese	**1,550**	**2,770**	**2,690**	**637**	300
Mercury	ND <0.200	ND <0.200	ND <0.200	ND <0.200	0.7
Nickel	ND <10.0	ND <10.0	ND <10.0	ND <10.0	100
Potasium	18,200	21,900	21,100	15,200	Not Available
Selenium	ND <15.0	ND <15.0	ND <15.0	ND <15.0	10
Silver	ND <3.0	ND <3.0	ND <3.0	ND <3.0	50
Sodium	**348,000**	**444,000**	**430,000**	**125,000**	20,000
Thallium	ND <20.0	ND <20.0	ND <20.0	ND <20.0	0.5
Vanadium	ND <5.0	ND <5.0	ND <5.0	ND <5.0	Not Available
Zinc	103	61.8	59.0	36.6	2,000

- **Bold Type** denotes that the detected value exceeds its associated 6 NYCRR Part 703 Groundwater Standard
- ND denotes analyte not detected above the method detection limits.
- All concentrations reported in ug/L.

Table 11
Soil Sample Analytical Results Summary
Proposed Underground Garage Area
Port of Rochester, Rochester, New York
Remedial Investigation
Detected Volatile Organic Compounds
(USEPA Methods 8260B Target Compound List and NYSDEC STARS List Compounds)

Parameter/ Sample ID #	BS-27 (4.5' to 5.5')	BS-37 (6.0' to 7.7')	BS-38 (6.0' to 7.1')	BS-39 (6.0' to 6.7')	Restricted Use Soil Cleanup Objectives	
	Fill Material Containing Foundry Sand & Slag	Fill Material Containing Foundry Sand, Slag, & Ash	Fill Material Containing Slag & Ash	Fill Material Containing Foundry Sand, Slag, & Ash	Protection of Public Health: Commercial Use	Protection of Groundwater
	Regulated Solid Waste Area					
Volatile Organic Compounds						
Acetone	ND <6	13 J	ND <25	8 J	500,000	50
Carbon Disulfide	ND <6	ND <5	ND <5	1 J	Not Listed	Not Listed
Methylene Chloride	ND <6	16	10	13	500000	50
Total VOCs	Not Detected	29	10	22	Not Listed	Not Listed
Tentatively Identified Compounds - Volatile Organic Compounds						
Ethylnaphthalene Isomer	Not Tested for TICs	33 J	None Detected	None Detected	Not Listed	Not Listed
Dimethylnaphthalene Isomer		41 J				
Dimethylnaphthalene Isomer		57 J				
Dimethylnaphthalene Isomer		15 J				
Biphenylene		26 JN				
Dimethylnaphthalene Isomer		10 J				
Total VOC TICs		182	None Detected	None Detected	Not Listed	Not Listed
Total VOCs Including TICs		211	10	22		

- **Bold Type** denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Groundwater.
- **Bold Type in a Shaded Cell** denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Public Health: Commercial Use.
- J denotes an estimated value where the result is less than the quantitation limit, but greater than zero.
- N denotes a TIC where the identification is based on the Mass Spectral library search.
- ND denotes compound not detected above the method detection limits.
- B denotes that the analyte was detected in the associated blank.
- All concentrations reported in ug/kg.

Table 12
Soil Sample Analytical Results Summary
Proposed Underground Garage Area
Port of Rochester, Rochester, New York
Remedial Investigation
Detected Semi-Volatile Organic Compounds
(USEPA Methods 8270C NYSDEC STARS List Compounds)

Parameter / Sample ID #	BS-27 (4.5' to 5.5')	BS-37 (6.0' to 7.7')	BS-38 (6.0' to 7.1')	BS-39 (6.0' to 6.7')	Restricted Use Soil Cleanup Objectives	
	Fill Material Containing Foundry Sand & Slag	Fill Material Containing Foundry Sand, Slag, & Ash	Fill Material Containing Slag & Ash	Fill Material Containing Foundry Sand, Slag, & Ash	Protection of Public Health: Commercial Use	Protection of Groundwater
	Regulated Solid Waste Area					
Semi-Volatile Organic Compounds						
Benzo(a)anthracene	22 J	66 J	26 J	ND <340	5,600	1,000
Benzo(b)fluoranthene	26 J	90 J	30 J	ND <340	5,600	1,700
Benzo(g,h,I)perylene	ND <400	39 J	21 J	ND <340	500,000	1,000,000
Benzo(a)pyrene	ND <400	46 J	22 J	ND <340	1,000	22,000
Chrysene	ND <400	61 J	23 J	ND <340	56,000	1,000
Fluoranthene	ND <400	94 J	30 J	ND <340	500,000	1,000,000
Indeno(1,2,3-cd)pyrene	ND <400	35 J	17 J	ND <340	5,600	8,200
Phenanthrene	ND <400	46 J	17 J	ND <340	500,000	1,000,000
Pyrene	ND <400	84 J	29 J	ND <340	500,000	1,000,000
Bis (2-ethylhexyl) phthalate	ND <400	ND <350	84 J	ND <340	Not Listed	Not Listed
Tentatively Identified Compounds - Semi-Volatile Organic Compounds						
	Not Tested for TICs	None Detected	None Detected	None Detected	Not Listed	Not Listed

- **Bold Type** denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Groundwater.
- **Bold Type in a Shaded Cell** denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Public Health: Commercial Use.
- N denotes presumptive evidence of a tentatively identified compound where the identification is based on the Mass Spectral library search
- J denotes an estimated value where the result is less than the quantitation limit, but greater than zero.
- ND denotes compound not detected above the method detection limits.
- All concentrations reported in ug/kg.

Table 13
Soil Sample Analytical Results Summary
Proposed Underground Garage Area
Port of Rochester, Rochester, New York
Remedial Investigation
Detected Metals
(USEPA Methods 6010 and 7471)

Parameter/ Sample ID #	BS-10 (0.6' to 1.3')	BS-27 (4.5' to 5.5')	BS-37 (6.0' to 7.7')	BS-38 (6.0' to 7.1')	BS-39 (6.0' to 6.7')	Restricted Use Soil Cleanup Objectives	
	Fill Contains Slag	Fill Material Containing Foundry Sand & Slag	Fill Material Containing Foundry Sand, Slag, & Ash	Fill Material Containing Slag & Ash	Fill Material Containing Foundry Sand, Slag, & Ash	Protection of Public Health: Commercial Use	Protection of Groundwater
	Regulated Solid Waste Area						
Aluminum	Not Tested	Not Tested	54,700 E	951	44,400 E	Not Listed	Not Listed
Antimony	ND <16.0	Not Tested	ND <147	ND <135	ND <151	Not Listed	Not Listed
Arsenic	4.3	**18.7**	**36.3** N	ND <18.0	ND <20.1	16	16
Barium	Not Tested	Not Tested	368 E	11.6 E	269 E	400	820
Beryllium	4.5 E	Not Tested	42.6 NE	ND <1.8	4.2 E	590	47
Cadmium	0.42	2.7	**32.0** NE	ND <1.8	ND <2.0	9.3	7.5
Calcium	Not Tested	Not Tested	251,000 E	342,000 E	202,000	Not Listed	Not Listed
Chromium	6.5 E	**62.6** E	**37.8** NE	ND <4.5	ND <5.0	400	19
Cobalt	Not Tested	Not Tested	31.8 NE	ND <4.5	ND <5.0	Not Listed	Not Listed
Copper	10.6	Not Tested	33.6 N	ND <9.0	ND <10.1	270	1,720
Iron	Not Tested	Not Tested	6,080 NE	2,980 NE	4,780 NE	Not Listed	Not Listed
Lead	47.7 E	Not Tested	35.4 N	11.4 NE	ND <10.1	1,000	450
Magnesium	Not Tested	Not Tested	13,100 E	6,790 E	28,600 E	Not Listed	Not Listed
Manganese		Not Tested	**4,460** E	150 E	422 E	10,000	2,000
Mercury	0.066	0.030	ND <0.020	0.106	ND <0.016	2.8	0.73
Nickel	6.4 E	Not Tested	32.5 N	ND <4.5	ND <5.0	310	130
Potasium	Not Tested	Not Tested	4,260 N	ND <271	7,060 N	Not Listed	Not Listed
Selenium	ND <4.3	Not Tested	**45.3** N	ND <36.1	ND <40.2	1,500	4
Silver	0.68	Not Tested	7.8 N	ND <4.5	ND <5.0	1,500	8.3
Sodium	Not Tested	Not Tested	3,080 N	ND <1,260	ND <1,410	Not Listed	Not Listed
Thallium	ND <6.4	Not Tested	ND <58.6	ND <54.1	ND <60.4	Not Listed	Not Listed
Vanadium	Not Tested	Not Tested	52.0 NE	ND <4.5	9.8 NE	Not Listed	Not Listed
Zinc	91.3	Not Tested	38.3 N	25.3 N	ND <10.1	10,000	2,480

- **Bold Type** denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Groundwater.
- **Bold Type in a Shaded Cell** denotes that the detected value exceeds its associated 6 NYCRR Subpart 375-6 SCO for the Protection of Public Health: Commercial Use.
- ND denotes analyte not detected above the method detection limits.
- N denotes that the spike sample recovery was not within the quality control limits.
- E denotes an estimated value due to the presence of interferences.
- B denotes that the analyte was detected in the associated blank.
- SB denotes Site Background level.
- All concentatraions reported in mg/kg.

Table 14
Groundwater Sample Analytical Results Summary
Proposed Underground Garage Area
Port of Rochester, Rochester, New York
Remedial Investigation
Detected Volatile Organic Compounds
(USEPA Methods 8260B TCL & NYSDEC STARS Compounds)

Parameter	MW-BS39 Garage Area		6 NYCRR Part 703 Groundwater Standards
Volatile Organic Compounds			
Acetone	7.0	J	50
Carbon Disulfide	1.2	J	50
Methylene Chloride	1.7	BJ	50
Tentatively Identified Volatile Organic Compounds			
	None Detected		Not Applicable

- **Bold Type** denotes that the detected value exceeds its associated 6 NYCRR Part 703 Groundwater Standards.
- J denotes an estimated value that is less than the sample quantitaion limit.
- B denotes that the analyte was detected in the associated blank.
- All concentrations reported in ug/L.

Table 15
Groundwater Sample Analytical Results Summary
Proposed Underground Garage Area
Port of Rochester, Rochester, New York
Remedial Investigation
Detected Semi-Volatile Organic Compounds
(USEPA Method 8270C NYSDEC STARS List Compounds)

Parameter	MW-BS39 Garage Area		6 NYCRR Part 703 Groundwater Standards
Semi-Volatile Organic Compounds	None Detected		Not Applicable
Tentatively Identified Semi-Volatile Organic Compounds			
Unknown	9	BJ	Not Applicable
Unknown	10	BJ	
Unknown	16	J	

- **Bold Type** denotes that the detected value exceeds its associated 6 NYCRR Part 703 Groundwater Standards.
- J denotes an estimated value that is less than the sample quantitaion limit.
- B denotes that the analyte was detected in the associated blank.
- ND denotes analyte not detected above the method detection limits.
- All concentrations reported in ug/L.

Table 16
Groundwater Sample Analytical Results Summary
Proposed Underground Garage Area
Port of Rochester, Rochester, New York
Remedial Investigation
Detected Pesticides
(USEPA Method 8081B)

Parameter	MW-BS39 Garage Area	6 NYCRR Part 703 Groundwater Standards
delta-BHC	**0.050**	0.04
4,4'-DDT	0.049 J	0.2
Heptachlor	**0.097**	0.04

- **Bold Type** denotes that the detected value exceeds its associated 6 NYCRR Part 703 Groundwater Standards.
- J denotes an estimated value that is less than the sample quantitaion limit.
- ND denotes analyte not detected above the method detection limits.
- All concentrations reported in ug/L.

Table 17
Groundwater Sample Analytical Results Summary
Proposed Underground Garage Area
Port of Rochester, Rochester, New York
Remedial Investigation
Target Analyte Metals
(USEPA Methods 6010 and 7471)

Parameter/ Sample ID #	MW-BS39	6 NYCRR Part 703 Groundwater Standards
	Garage Area	
Aluminum	487	Not Available
Antimony	ND <20.0	3
Arsenic	3.14	25
Barium	52.1	1,000
Beryllium	ND <2.0	1,100
Cadmium	ND <1.0	10
Calcium	89,400	Not Available
Chromium	ND <4.0	50
Cobalt	ND <4.0	Not Available
Copper	ND <10.0	200
Iron	**1,120**	300
Lead	3.30	25
Magnesium	7,660	35,000
Manganese	**370**	300
Mercury	ND <0.200	0.7
Nickel	ND <10.0	100
Potasium	38,500	Not Available
Selenium	ND <15.0	10
Silver	ND <3.0	50
Sodium	**403,000**	20,000
Thallium	ND <20.0	0.5
Vanadium	ND <5.0	Not Available
Zinc	27	2,000

- **Bold Type** denotes that the detected value exceeds its associated 6 NYCRR Part 703 Groundwater Standards.
- ND denotes analyte not detected above the method detection limits.
- All concentrations reported in ug/L.

LABELLA
LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix 1
Field Logs

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BH-1** SHEET 1 OF 1 JOB # 206377 Phase 2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 31-Aug-06 END DATE 31-Aug-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	76 19 13	S-1	0' - 2'	32	1.5-ft.	0.0' 0.7' 1.3'	**FILL MATERIAL** Asphalt Gray cmf SAND and mf angular GRAVEL, moist, no odors. Brown mf(+) SAND, moist, no odors.	0.0 0.0	
2	14								
3	8 6 5	S-2	2' - 4'	11	1.7-ft.	2.0'	As above, moist, no odors. . . . . Grading To . . . Brown f SAND, moist to damp, no odors.	0.0 0.0	
4	4						**FILL MATERIAL CONTAINING SLAG**		
5	5 4 7	S-3	4' - 6'	11	1.0-ft.	3.4' 4.0'	Dark gray c(+)mf SAND, little f angular to subangular Gravel (Incl. Cinders, Slag & trace Ash), damp, no odors. **Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Brown cm(+)f SAND, trace(-) Silt & Clay, wet, no odors.	0.0	
6	7								
7	3 6 6	S-4	6' - 8'	12	1.6-ft.	6.0'	Gray cm(+)f SAND, trace(-) Silt & Clay, wet, no odors. . . . . Grading To . . . Gray mf SAND w/ 1/2-in. layer of Peat @ 7.2-ft. BGS, wet to saturated @ 7.0-ft.	0.0 0.0	
8	4								
9	9 19 20	S-5	8' - 10'	39	0.9-ft.	8.0' 8.2'	As above, saturated, no odors. Gray to reddish-brown cmf subrounded GRAVEL and cmf SAND, saturated, no odors.	0.0	
10	20								
11	8 16 17	S-6	10' - 12'	33	1.2-ft.	10.0' 10.4'	As above, saturated, no odors. Gray mf(+) SAND, saturated, no odors.	0.0 0.0	
12	16								
13	17 24 32	S-7	12' - 14'	56	1.5-ft.	12.0'	As above w/ interval of Gray cm(+)f SAND, some mf subrounded to subangular Gravel from 12.6 to 13.2-ft. BGS, saturated, no odors.	0.0 0.0	
14	26								
15	14 20 21	S-8	14' - 16'	41	1.4-ft.	14.0' 15.1'	As above, saturated, no odors. Gray mf SAND, little mf subrounded to subangular Gravel, saturated, no odors.	0.0 0.0	
16	19						*Bottom of Boring @ 16.0-ft. BGS*		

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES: Native soil encountered between 3.7 & 4.0-ft. BGS

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BH-2** SHEET 1 OF 1 JOB # 206377 Phase 2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 29-Aug-06 END DATE 29-Aug-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	15 13 7 9	S-1	0' - 2'	20	1.1-ft.	0.0' 0.4' 0.8'	**FILL MATERIAL** Asphalt Gray mf angular GRAVEL and cmf SAND, moist, no odors. Deep brown cmf SAND, little f subangular Gravel, moist, no odors.	0.0	
2 3	10 11 8 5	S-2	2' - 4'	19	0.2-ft.	2.0'	As above with piece of steel, moist, no odors.	0.0	
4 5	2 1 3 4	S-3	4' - 6'	4	1.0-ft.	4.0'	Brownish-gray mf SAND with Wood (Slight creosote odors - Apparent RR tie) between 4.2 & 4.6-ft. BGS, damp to wet, no odors.	0.0	
6 7	3 4 12 14	S-4	6' - 8'	16	1.3-ft.	6.0' 6.7'	As above with Wood fragments @ 6.4-ft. BGS, saturated, no odors. **Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Gray c(+)mf SAND, some cmf subrounded to subangular Gravel, saturated, no odors.	0.0 0.0	
8 9 10	8 9 9 14	S-5	8' - 10'	18	1.2-ft.	8.0' 8.4' 8.9'	Gray mf subrounded to angular GRAVEL, some cmf(+) Sand, saturated, very slight weathered petroleum odor. Gray f SAND, saturated, very slight weathered petroleum odor. Gray mf angular to subangular GRAVEL, some(+) mf SAND, saturated, very slight weathered petroleum odor.	0.2	
11 12	4 8 14 17	S-6	10' - 12'	22	0.9-ft.	10.0'	Gray mf SAND, saturated, very slight weathered petroleum odor. . . . . Grading To . . . Gray mf(+) SAND, saturated, very slight weathered petroleum odor.	0.0	
13 14	8 19 22 17	S-7	12' - 14'	41	1.1-ft.	12.0' 12.3'	Gray f SAND, little cmf subrounded to subangular Gravel, saturated, no odors. Gray mf SAND, trace f subrounded to subangular Gravel, saturated, no odors. *Bottom of Boring @ 14.0-ft. BGS*	0.0	
15 16									

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES: Native soil encountered @ 6.7-ft. BGS

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BH-3** SHEET 1 OF 1 JOB # 206377 Phase 2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 31-Aug-06 END DATE 31-Aug-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	45 20 11 10	S-1	0' - 2'	31	1.2-ft.	0.0' 0.7'	**FILL MATERIAL** Asphalt Gray mf angular GRAVEL and cmf SAND, moist, no odors.	0.0	
2	8 11 10 6	S-2	2' - 4'	21	0.2-ft.	2.0'	**FILL MATERIAL CONTAINING SLAG** Brown and black cmf SAND, little cmf angular to subangular Gravel (Incl. Cinders and Slag), moist, no odors.	0.0	
4	5 3 7 6	S-3	4' - 6'	10	0.3-ft.	4.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Gray mf SAND, little c(+)mf Gravel, wet, no odors.	0.0	
6	5 9 13 12	S-4	6' - 8'	22	1.7-ft.	6.0'	Gray mf SAND, wet to saturated @ ~7.2-ft., no odors.	0.0 0.0	
8	7 15 20 22	S-5	8' - 10'	35	0.3-ft.	8.0'	As above, saturated, no odors.	0.0	
10	7 8 13 17	S-6	10' - 12'	21	1.2-ft.	10.0'	As above, saturated, no odors.	0.0 0.0	
12	17 22 20 18	S-7	12' - 14'	42	1.5-ft.	12.0' 13.3'	Gray mf SAND, some(+) cmf subrounded to subangular Gravel, saturated, no odors. Gray mf SAND, saturated, no odors.	0.0 0.0	
14	11 20 16 12	S-8	14' - 16'	36	1.7-ft.	14.0' 15.3'	Gray mf SAND, some cmf subrounded to angular Gravel, saturated, no odors. Gray cmf SAND, some cmf subrounded to angular Gravel, saturated, no odors. *Bottom of Boring @ 16.0-ft. BGS*	0.0 0.0	
16									

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES: Native soil encountered between 2.2 & 4.0-ft. BGS

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BH-4** SHEET 1 OF 2 JOB # 206377 Phase 2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 29-Aug-06 END DATE 29-Aug-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	39 14 10	S-1	0' - 2'	24	1.5-ft.	0.0' 0.4' 1.0'	**FILL MATERIAL** Asphalt Gray cmf angular GRAVEL and cmf SAND, moist, no odors. Grayish-brown cmf SAND, little(-) mf(+) subrounded to subangular Gravel, trace Silt & Clay, moist to damp, no odors.	0.0 0.0	
2	7								
3	7 7 6	S-2	2' - 4'	13	1.5-ft.	1.3'	Black cm(+)f SAND (Foundry Sand), trace f subrounded to subangular Gravel, moist to damp, no odors.	0.0 0.0	
4	7						**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits**		
5	12 16 6	S-3	4' - 6'	22	0.8-ft.	2.0' 4.0' 4.7'	Brown mf(+) SAND, trace(+) mf subrounded Gravel, damp, no odors. WOOD (No saw marks or creosote odor) Gray mf SAND, wet, no odors.	0.0	
6	6								
7	5 31 20	S-4	6' - 8'	51	1.6-ft.	6.0' 6.3' 7.5'	As above, wet, no odors. WOOD (No saw marks or creosote odor) Gray mf SAND, wet, no odors.	0.0 0.0	
8	19								
9	6 11 7	S-5	8' - 10'	18	1.0-ft.	8.0'	Gray mf(+) SAND, little cmf subrounded Gravel, saturated, no odors. . . . . Grading To . . . Gray m(+)f SAND, saturated, no odors.	0.0	
10	10								
11	2 3 10	S-6	10' - 12'	13	0.8-ft.	10.0'	As above, saturated, no odors. . . . . Grading To . . . Gray mf(+) SAND, saturated, no odors..	0.0	
12	7								
13	16 16 19	S-7	12' - 14'	35	1.3-ft.	12.0' 12.6'	Gray & maroon cmf subrounded to subangular GRAVEL, some(+) cmf Sand, saturated, no odors. Gray mf(+) SAND, trace f subrounded Gravel, saturated, no odors.	0.0 0.0	
14	25								
15	13 19 7	S-8	14' - 16'	26	0.0-ft.	14.0'	No Recovery	Not Available	
16	2								

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES: Native soil encountered between 3.5 & 4.0-ft. BGS

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BH-4** SHEET 2 OF 2 JOB # 206377-2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 29-Aug-06 END DATE 29-Aug-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
17	WOH 1	S-9	16' - 18'	2	0.9-ft.	16.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Gray SILT & CLAY to CLAY & SILT (Incl. ~ 5% Peat), saturated, no odors	0.0	
18	1 2							0.0	
19	1 1	S-10	18' - 20'	3	1.0-ft.	18.0'	As above with ~3% Peat, saturated, no odors.	0.0	
20	2 2								
21							*Bottom of Boring @ 20.0-ft. BGS*		
22									
23									
24									
25	7 8 9								
26	8 8								
27	8 13								
28	14 2								
29	8 12								
30	16								
31									

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BH-5** SHEET 1 OF 1 JOB # 206377 Phase 2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 29-Aug-06 END DATE 29-Aug-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	37 14 11	S-1	0' - 2'	25	1.5-ft.	0.0' 0.3'	**FILL MATERIAL** Asphalt Gray cmf angular GRAVEL, some(-) cmf Sand, moist, no odors.	0.0	
2	6						**FILL MATERIAL CONTAINING SLAG**	1.2	
3	5 7 5	S-2	2' - 4'	12	1.8-ft.	0.9'	Brown, gray and white cmf SAND, little(+) mf angular to subrounded Gravel, trace Silt (Incl. Ash w/ Cinders and Slag), moist, no odors.	0.0	
4	8					2.0'	**FILL MATERIAL** Brown mf(+) to f SAND, moist, no odors.	0.0	
5	2 2 2	S-3	4' - 6'	4	1.2-ft.	3.5'	**FILL MATERIAL CONTAINING SLAG** Black cmf SAND, little f angular Gravel (Incl. Slag w. trace Cinders and Ash), moist to damp, no odors.	0.0	
6	2					4.0'	As above, damp, no odors.		
7	5 6 9	S-4	6' - 8'	15	1.1-ft.	4.2'	**FILL MATERIAL** Brown mf(+) SAND, damp, no odors. . . . . Grading To . . .	0.0	
8	17					6.0'	Gray mf SAND, wet, no odors.		
9	5 7 13	S-5	8' - 10'	20	1.3-ft.		Gray mf(+) SAND w. Wood (creosote odor) from 6.3 to 6.45-ft., wet to saturated @ ~6.5-ft., no odors.	0.0	
10	14					8.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Gray mf(+) SAND, saturated, no odors.	0.0	
11	15 16 18	S-6	10' - 12'	34	1.4-ft.	10.0'	As above, saturated, no odors. . . . . Grading To . . . Gray f SAND, saturated, no odors.	0.0 0.0	
12	23					11.3'	Gray mf SAND and mf subrounded to subangular GRAVEL, saturated, no odors.		
13	7 7 6	S-7	12' - 14'	13	1.0-ft.	12.0'	Gray mf SAND, trace(-) m subrounded Gravel, saturated, no odors.	0.0	
14	4								
15	8 18 6	S-8	14' - 16'	24	1.1-ft.	14.0'	Gray mf SAND, little(+) cmf angular to subrounded Gravel, saturated, no odors. . . . . Grading To . . . Gray cm(+)f SAND, saturated, no odors.	0.0	
16	11						*Bottom of Boring @ 16.0-ft. BGS*		

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES: Native soil encountered between 7.1 & 8.0-ft. BGS

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BH-6** SHEET 1 OF 2 JOB # 206377 Phase 2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 31-Aug-06 END DATE 31-Aug-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	30 14 10 7	S-1	0' - 2'	24	1.5-ft.	0.0' 0.5'	**FILL MATERIAL** Asphalt Gray c(+)mf SAND and mf angular GRAVEL, moist, no odors.	0.0 0.0	
2							**FILL MATERIAL CONTAINING SLAG**		
3	5 6 6 8	S-2	2' - 4'	12	1.8-ft.	1.0' 1.4'	Black to brown cmf SAND, trace(+) f angular Gravel (Incl. Slag & Cinders), moist, no odors. **FILL MATERIAL** Brown mf(+) SAND, moist, no odors.	0.0 0.0	
4									
5	4 5 7 4	S-3	4' - 6'	12	0.3-ft.	2.0' 4.0' 4.2'	Brown f SAND, trace(-) to trace Silt, moist to wet, no odors. Gray f SAND, trace Silt, saturated, no odors. Wood with very slight creosote odor.	0.0	
6									
7	3 3 4 10	S-4	6' - 8'	7	0.8-ft.	6.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Gray mf(+) SAND, trace Silt (Incl. Wood (No noticeable creosote odor. saturated, no odors.	0.0	
8									
9	10 18 17 16	S-5	8' - 10'	35	0.9-ft.	8.0'	Gray mf SAND, some(+) mf subangular to subrounded Gravel, saturated, no odors.	0.0	
10									
11	6 11 15 10	S-6	10' - 12'	26	1.2-ft.	10.0'	Gray mf(+) SAND with interval of Gray mf SAND and mf subrounded Gravel from 10.8 to 10.9-ft. BGS, saturated, no odors.	0.0 0.0	
12									
13	7 14 18 15	S-7	12' - 14'	32	1.1-ft.	12.0' 12.8'	Gray mf(+) SAND, saturated, no odors. Gray cmf SAND some(+) cmf subrounded Gravel, saturated, no odors.	0.0	
14									
15	7 9 4	S-8	14' - 16'	13	0.4-ft.	14.0' 14.2'	As above, saturated, no odors. Gray SILT & CLAY (Incl. ~30% Peat), saturated, no odors.	0.0	
16	2								

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES: Native soil encountered between 4.3 & 6.0-ft. BGS

Monitoring well MW-BH6 installed within borehole BH-6.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BH-6** SHEET 2 OF 2 JOB # 206377-2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 29-Aug-06 END DATE 29-Aug-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
17	1 1 1 2	S-9	16' - 18'	2	0.4-ft.	16.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Gray SILT & CLAY (Incl. ~15% Peat), saturated, no odors.	0.0	
18									
19	1 1 2	S-10	18' - 20'	3	0.8-ft.	18.0'	Gray SILT & CLAY (Incl. ~10% Peat), saturated, no odors.	0.0	
20	1								
21							*Bottom of Boring @ 20.0-ft. BGS*		
22									
23									
24									
25	7 8 9								
26	8 8								
27	8 13								
28	14 2								
29	8 12								
30	16								
31									

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-1** SHEET 1 OF 1 JOB # 206377-2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 01-Sep-06 END DATE 01-Sep-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	37 14 22	S-1	0' - 2'	36	1.4-ft.	0.0' 0.5'	**Fill Material** Asphalt Gray cmf SAND and mf angular GRAVEL, moist, no odors.	0.0	
2	12					1.0'	Gray mf SAND, little mf subangular Gravel, trace(+) Silt, moist, no odors.	0.0	
3	7 13 10	S-2	2' - 4'	23	1.5-ft.	2.0'	**Fill Material Containing Slag** Brown to tan mf SAND, trace(+) mf angular Gravel (Incl. blue-green Slag), moist, no odors.	0.0	
4	6					2.8'	Dark brown to black $cmf^{(+)}$ SAND, little $mf^{(+)}$ angular to subangular Gravel (Incl. Cinders & Slag), moist to damp, very slight weathered petroleum odor.	0.0	
5	2 3 9	S-3	4' - 6'	12	0.9-ft.	4.0'	**Fill Material** Gray mf SAND, trace f Gravel, trace Silt, piece of wood with creosote odor, damp, very slight weathered petroleum odor.		
6	7					4.6'	Gray Clayey SILT, damp, no odors.	0.0	
7	10 9 12	S-4	6' - 8'	21	1.3-ft.	6.0'	**Fill Material Containing Slag** Gray Clayey SILT, little(+) mf Gravel (Incl. Slag), wet, no odors.	0.0	
8	12					6.5'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Gray mf SAND, saturated, no odors.	0.0	
9	23 30 24	S-5	8' - 10'	54	1.0-ft.		. . . . Grading To . . . Gray $cm^{(+)}f$ SAND, saturated, no odors.		
10	27					8.0'	Gray $cm^{(+)}f$ SAND, some(-) cmf angular to subrounded Gravel, satutrated, H_2S odor.	0.0	
11	7 9 7	S-6	10' - 12'	16	1.2-ft.	10.0'	Gray mf SAND, saturated, no odors. . . . . Grading To . . .	0.0	
12	6						Gray $mf^{(+)}$ SAND, saturated, no odors.		
13	11 27 20	S-7	12' - 14'	47	1.0-ft.	12.0'	Gray mf SAND, some(-) c subrounded to subangular Gravel, saturated, no odors.	0.0	
14	17						Gray $mf^{(+)}$ SAND w/ 1.8-in. of Gray SILT @ 12.9-ft. BGS, saturated, no odors.		
15	10 26 20	S-8	14' - 16'	46	0.3-ft.	14.0'	As above, saturated, no odors.	0.0	
16	17								

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES: Native soil encountered @ 6.5-ft. BGS

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-2** SHEET 1 OF 1 JOB # 206377-2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 01-Sep-06 END DATE 01-Sep-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	2 2 4	S-1	0' - 2'	6	1.6-ft.	0.0'	**Topsoil** Dark brown f SAND, trace f angular to subrounded Gravel, trace(-) Silt, organics present (roots, root traces, humus, etc.), moist, no odors.	0.0 0.0	
2	17						**Fill Material**		
3	11 13 16	S-2	2' - 4'	29	1.3-ft.	0.5' 1.2'	Deep brown mf(+) SAND, trace f subangular Gravel (Mostly Foundry Sand), moist, no odors. Asphalt.	0.0 0.0	
4	14						**Fill Material Containing Slag**		
5	9 7	S-3	4' - 6'	14	0.8-ft.	2.0'	Gray, blue-green and brown cmf SAND, some mf angular Gravel (includes Cinders, Ash & Slag), moist, no odors.	0.0	
6	7 9					2.4'	**Fill Material** Gray cmf angular to subangular GRAVEL, some(-) cmf Sand (Mostly Concrete), moist, no odors.		
7	7 5 10	S-4	6' - 8'	15	1.4-ft.	3.2'	Brown and gray cmf(+) SAND, little(+) mf angular Gravel (incl. Concrete & Cinders) moist, no odors.	0.0 0.0	
8	11						**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits**		
9	4 5 4	S-5	8' - 10'	9	0.0-ft.	4.3' 6.0' 8.0'	Gray f-vf SAND and SILT, trace(+) mf subrounded Gravel, wet, no odors. As above with approximately 2% or less peat. No recovery	Not Applicable	
10	2								
11	8 9 10	S-6	10' - 12'	19	0.7-ft.	10.0'	Gray mf(+) SAND, saturated, no odors.	0.0	
12	9								
13	7 15 20	S-7	12' - 14'	35	1.4-ft.	12.0' 12.9'	As above grading to Gray mf(+) SAND, trace mf subrounded Gravel, saturated, no odors. Gray mf(+) SAND w/ 1.8-in. of Gray SILT @ 12.9-ft. BGS, saturated, no odors.	0.0 0.0	
14	31								
15	15 20 23	S-8	14' - 16'	43	1.5-ft.	14.0'	Gray cmf angular to subrounded GRAVEL and cmf SAND, saturated, no odors.	0.0 0.0	
16	12								

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES: Native soil encountered @ 4.3-ft. BGS

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-3** SHEET 1 OF 1 JOB # 206377-2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 29-Aug-06 END DATE 30-Aug-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	5 31 12	S-1	0' - 2'	43	1.7-ft.	0.0'	**Topsoil** Dark brown f SAND, little(-) SILT, trace f subrounded Gravel, organics present (roots, root traces, humus, etc.), moist, no odors.	0.0	
2	7						**Fill Material**	0.0	
3	5 6 6	S-2	2' - 4'	12	1.8-ft.	0.5' 0.8' 1.2'	Asphalt. Gray cmf SAND, some(+) mf(+) angular Gravel, moist, no odors. Brown cmf(+) SAND, little mf angular Gravel, moist, naphthalene odor.	0.0	
4	5					2.0'	Black f SAND, moist to damp, very slight weathered petroleum odors.	0.0	
5	2 4 7	S-3	4' - 6'	11	1.4-ft.	2.4' 4.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Gray vf SAND, some(-) Silt, damp, no odors. As above with 1/4-in. Peat layer @ 4.7-ft., BGS, wet, no odors.	0.0	
6	14					4.75'	Gray cm(+)f SAND, little(-) to some mf(+) subrounded Gravel, wet, no odors.	0.0	
7	8 14 16	S-4	6' - 8'	30	1.7-ft.	6.0' 6.4' 6.9'	As above, wet, no odors. Gray mf SAND, wet to saturated @ ~6.8-ft., no odors, Gray to dark gray cmf SAND and m(+)f subrounded GRAVEL, saturated, no odor	0.0	
8	18					8.0'	As above, saturated, no odors.	0.0	
9	10 35 23	S-5	8' - 10'	58	1.6-ft.	8.1' 8.2'	Brown Clayey SILT, trace f Sand (Incl. ~20% Peat), saturated, no odors. Gray mf to mf(+) SAND with Red sandstone fragments from 8.7 to 9.1-ft. BGS, saturated, no odors.	0.0	
10	19					10.0'	As above with layers containing some mf(+) subrounded Gravel from 11.0 to	0.0	
11	4 9 17	S-6	10' - 12'	26	1.6-ft.		11.1-ft. and 11.3 to 11.4-ft., saturated, no odors. 11.1-ft. and 11.3 to 11.4-ft., saturated, no odors.	0.0	
12	24							0.0	
13	10 17 18	S-7	12' - 14'	35	1.4-ft.	12.0' 13.3'	Gray mf(+) SAND w/ 1.8-in. of Gray SILT @ 12.9-ft. BGS, saturated, no odors. Gray f SAND, saturated, no odors.	0.0	
14	19							0.0	
15	4 17 25	S-8	14' - 16'	42	1.3-ft.	14.0'	Gray mf SAND, little m(+)f subrounded to angular Gravel, saturated, no odors.	0.0	
16	37							0.0	

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES: Native soil encountered @ 2.4-ft. BGS

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-4** SHEET 1 OF 2 JOB # 206377-2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 29-Aug-06 END DATE 29-Aug-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	49 16	S-1	0' - 2'	26	1.4-ft.	0.0'	**Fill Material** Asphalt	0.2	
	10					0.5'	Gray cmf angular to subangular GRAVEL, some(+) cmf Sand w/geotextile fabric @ 1.0-ft., moist, no odors.		
2	4							1.5	
3	2 4	S-2	2' - 4'	8	1.3-ft.	1.0'	Black cmf SAND, some f Gravel (Cinders), moist, very slight unknown odor.	0.0	
	4					1.3'	Tan cmf SAND (Refractory Sand), moist, very slight weathered petroleum odor.		
4	2					2.0'	Black f SAND, moist to damp, very slight weathered petroleum odor.	0.0	
5	2 3	S-3	4' - 6'	10	1.0-ft.	2.6'	Dark brown to black cmf SAND, little mf angular Gravel, trace(-) Silt (Incl. Cinders and Ash), damp, very slight weathered petroleum odor.	0.0	
	7					2.9'	Dark brown mf SAND, damp, no odors.		
6	12						**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits**		
7	11 18	S-4	6' - 8'	36	1.4-ft.	4.0'	Gray mf SAND, trace Silt & Clay, damp to wet, no odors.	0.0	
	18					4.4'	Tan mf SAND, trace f subrounded Gravel, wet, no odors.		
8	18					4.8'	Tan mf SAND, some(-) mf subrounded Gravel, wet, no odors.	0.0	
	8					6.0'	Brownish-gray to reddish-brown cmf SAND, some cmf subrounded to sub-angular Gravel, saturated, no odors.		
9	46	S-5	8' - 10'	102	0.2-ft.	8.0'	Gray $mf^{(+)}$ SAND, some c subangular Gravel, saturated, no odors.	0.0	
10	56 42								
11	8 44	S-6	10' - 12'	87	0.7-ft.	10.0'	Gray cmf SAND, some cmf angular to subrounded Gravel, saturated, no odors.	0.0	
	43					10.5'	Gray f SAND, saturated, no odors.		
12	31								
13	12 15	S-7	12' - 14'	28	1.1-ft.	12.0'	Gray $cm^{(+)}f$ SAND and cmf subrounded to subangular GRAVEL, saturated, no odors.	0.0	
	13					12.8'	Gray mf(+) SAND, saturated, no odors.		
14	11								
15	WOH 2	S-8	14' - 16'	3	1.1-ft.	14.0'	As above, saturated, no odors.	0.0	
	1					14.8'	Gray to brown SILT & CLAY (Incl. ~15 to 20% Peat), saturated, no odors.		
16	2								

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES: Native soil encountered between 3.3 and 4.0-ft. BGS
WOH = Weight of Hammer

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-4** SHEET 2 OF 2 JOB # 206377-2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 29-Aug-06 END DATE 29-Aug-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
17	WOH WOH 1 2	S-9	16' - 18'	1	1.2-ft.	16.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Brownish-gray to gray Silty CLAY (Incl. ~ 2 to 4% Peat), saturated, no odors.	0.0	
18							*Bottom of Boring @ 18.0-ft. BGS*		
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-5** SHEET 1 OF 2 JOB # 206377-2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 01-Sep-06 END DATE 01-Sep-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	43 13	S-1	0' - 2'	26	1.8-ft.	0.0'	**Fill Material** Asphalt	0.0	
	13					0.5'	Gray mf angular GRAVEL and mf SAND , moist, no odors w/geotextile fabric at 1.0-feet.		
2	10							0.0	
3	10 14	S-2	2' - 4'	35	0.7-ft.	1.0'	**Fill Material Containing Slag** Brown and gray cmf SAND, some mf angular Gravel (Incl. Slag w/ trace Cinders), moist, no odors.	0.0	
	21								
4	11					2.0'	Deep brown and gray cm$^{(+)}$f SAND, some(+) mf angular to subangular Gravel (Incl. Foundry Sand w/ Slag & trace Ash), moist to damp, no odors.		
5	4 8	S-3	4' - 6'	18	0.2-ft.	4.0'	Brown mf$^{(+)}$ SAND (Mostly Foundry Sand w/trace Ash & Slag), damp, no odors	0.0	
	10					4.7'	Grayish-brown cmf SAND, trace(+) f angular Gravel (Incl. Slag & Ash), damp, no odors.	0.0	
6	10								
7	12 10	S-4	6' - 8'	16	2.0-ft.	6.0'	Bluish-gray cmf angular GRAVEL, some(-) cmf Sand (All Slag), damp, saturated, no odors.	0.0	
	6								
8	10						**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits**		
9	2 4	S-5	8' - 10'	6	0.9-ft.	8.0'	Brownish-gray m$^{(+)}$f subrounded to subangular GRAVEL and cmf SAND, saturated, no odors.	0.0	
	2								
10	6								
11	1 4	S-6	10' - 12'	10	1.0-ft.	10.0'	Gray mf SAND, saturated, no odors.	0.0	
	6							0.0	
12	12								
13	14 24	S-7	12' - 14'	38	1.0-ft.	12.0'	As above, saturated, no odors.	0.0	
	14					12.2'	Gray cmf subrounded to subangular GRAVEL and cmf SAND, saturated, no odor.		
14	10							0.0	
15	1 4	S-8	14' - 16'	10	1.1-ft.	14.0'	Gray cm$^{(+)}$f SAND, saturated, no odors	0.0	
	6					14.2'	Gray mf SAND, saturated, no odors. . . . . Grading To . . .		
16	9						Gray mf$^{(+)}$ SAND, saturated, no odors.	0.0	

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES: Native soil encountered between 6.2 and 8.0-ft. BGS
Monitoring well MW-BS5 installed within borehole BS-5.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-5** SHEET 2 OF 2 JOB # 206377-2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 01-Sep-06 END DATE 01-Sep-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
17	3 2	S-9	16' - 18'	4	1.1-ft.	16.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Gray mf(+) SAND, saturated, no odors.	0.0	
	2					16.5'	Brown peat, saturated, no odors.	0.0	
18	3					17.0'	Gray Clayey SILT (Incl. approx 30% Peat), saturated, no odors.		
	WOH	S-10	18' - 20'	4	1.3-ft.	18.0'	Gray CLAY & SILT (Incl. approx 15% Peat), saturated, no odors.	0.0	
19	2								
	2							0.0	
20	2								
							Bottom of Boring @ 20.0-ft. BGS		
21									
22									
23									
24									
	7								
25	8								
	9								
26	8								
	8								
27	8								
	13								
28	14								
	2								
29	8								
	12								
30	16								
31									

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-6** SHEET 1 OF 2 JOB # 206377-2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 05-Sep-06 END DATE 05-Sep-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	4	S-1	0' - 2'	16	1.8-ft.	0.0'	**Topsoil** Brown f-vf SAND, little Silt, trace mf angular to subangular Gravel, organics present (roots, root traces, humus, etc.), moist, no odors.	0.0	
	8								
2	8						**Fill Material**	0.0	
	9								
3	7	S-2	2' - 4'	12	0.7-ft.	0.5'	Brown to grayish-brown cmf$^{(+)}$ SAND, little(-) mf angular to subangular Gravel, trace(+) Silt (Incl. Asphalt and Brick fragments), moist, no odors.	0.0	
	6						**Fill Material Containing Slag**		
4	6							0.0	
	4					2.0'	Deep brown m$^{(+)}$f SAND, little(-) m angular Gravel (Incl. Foundry Sand & Slag), moist, no odors.		
5	2	S-3	4' - 6'	11	0.2-ft.	4.0'	Gray to brownish-gray cmf angular GRAVEL, some cmf$^{(+)}$ Sand, trace Silt (Incl. Slag & Ash), damp to wet, no odors.	0.0	
	6						**Fill Material**		
6	5								
	8								
7	12	S-4	6' - 8'	32	2.0-ft.	6.0'	Wood (sawn, but without creosote odor), saturated, no odors.	0.0	
	14								
8	18							0.0	
	17								
9	9	S-5	8' - 10'	11	0.9-ft.	8.0'	As above, saturated, no odors.	0.0	
	6						**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits**		
10	5					8.2'	Gray f SAND, trace(-) Silt with occasional thin peat layers (~1/16 to 3/16 inches thick), saturated, no odors.		
	9								
11	7	S-6	10' - 12'	18	1.0-ft.	10.0'	As above, saturated, no odors.	0.0	
	9								
12	9								
	13								
13	11	S-7	12' - 14'	25	1.0-ft.	12.0'	As above, saturated, no odors.	0.0	
	12								
14	13							0.0	
	13								
15	7	S-8	14' - 16'	22	1.1-ft.	14.0'	As above, saturated, no odors.	0.0	
	6					14.7'	Gray mf$^{(+)}$ SAND, some(+) cmf subangular to subrounded Gravel, saturated, no odors.		
16	16							0.0	

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES: Native soil encountered @ 8.2-ft. BGS
Monitoring well MW-BS6 installed within borehole BS-6.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-6** SHEET 2 OF 2 JOB # 206377-2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 05-Sep-06 END DATE 05-Sep-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
17	8 7 8	S-9	16' - 18'	15	1.3-ft.	16.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Gray cmf subrounded to subangular GRAVEL, some(+) mf Sand, saturated no odors.	0.0	
18	11					16.4'	Gray mf SAND, saturated, no odors.	0.0	
19	1 4 5	S-10	18' - 20'	9	1.0-ft.	18.0'	Gray mf SAND, trace f subrounded Gravel, saturated, no odors.	0.0	
20	9								
21							*Bottom of Boring @ 20.0-ft. BGS*		
22									
23									
24									
25	7 8 9								
26	8 8								
27	8 13								
28	14 2								
29	8 12								
30	16								
31									

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-7** SHEET 1 OF 1 JOB # 206377-2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 30-Aug-06 END DATE 30-Aug-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	40 12 8	S-1	0' - 2'	20	1.4-ft.	0.0'	**Fill Material** Asphalt	0.0	
						0.5'	Gray cmf angular to subangular GRAVEL, some(+) cmf Sand, moist, no odors.		
2	8						**Fill Material Containing Slag**	0.0	
3	4 5 11	S-2	2' - 4'	16	1.4-ft.	1.0'	Deep brown m SAND (Foundry Sand), little(+) cmf angular Gravel (Slag), moist, no odors.		
4	9					2.0'	As above, moist, no odors.	0.0	
							Fill Material		
5	4 4	S-3	4' - 6'	7	1.5-ft.	2.8'	Gray to brown f SAND, little Silt, trace(+) mf angular Gravel (Concrete), damp, no odors.	0.0	
	3						**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits**		
6	4					4.0'	Gray f-vf SAND, little(-) Clayey Silt, damp, no odors.	0.0	
7	6 20	S-4	6' - 8'	37	1.6-ft.	4.9'	Gray $c^{(+)}$mf SAND, damp to wet, no odors.	0.0	
	17					6.0'	As above, wet, no odors.		
8	15					6.4'	Wood (no saw cuts or creosote odors), saturated, no odors.	0.0	
						7.2'	Gray $c^{(+)}$mf SAND, wet, no odors.		
9	6 13	S-5	8' - 10'	30	1.2-ft.	8.0'	Gray mf SAND, some(-) $mf^{(+)}$ subrounded to subangular Gravel, saturated, no odors.	0.0	
	17					8.4'	Gray $mf^{(+)}$ SAND, saturated, no odors.		
10	15						. . . . Grades To	0.0	
11	4 15	S-6	10' - 12'	34	1.3-ft.	8.4'	Gray f SAND, saturated, no odors.	0.0	
	19					10.0'	Gray $mf^{(+)}$ SAND, saturated, no odors.		
12	24							0.0	
13	8 12	S-7	12' - 14'	33	0.5-ft.	12.0'	As above, saturated, no odors.	0.0	
	21								
14	22								
15	5 18	S-8	14' - 16'	37	1.4-ft.	14.0'	Gray $cm^{(+)}$f SAND, some(-) mf subrounded to subangular GRAVEL, saturated, no odors.	0.0	
	19								
16	25							0.0	

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES: Native soil between 3.4 & 4.0-ft. BGS

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-8** SHEET 1 OF 1 JOB # 206377-2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 30-Aug-06 END DATE 30-Aug-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	7 5 5	S-1	0' - 2'	10	1.5-ft.	0.0' 0.4'	**Fill Material** Milled asphalt. Tan vf SAND, trace Silt, moist to damp, no odors.	0.0	
2	13					1.1'	Reddish-brown m SAND (Foundry Sand), damp, no odors.	0.1	
3	8 8	S-2	2' - 4'	16	1.6-ft.	2.0'	As above, damp, no odors.	0.1	
4	8 8					2.3'	**Fill Material Containing Slag** Gray, green and brown $m^{(+)}f$ angular GRAVEL (Gray & green Slag), some(+) cmf odors.	0.0	
5	4 3	S-3	4' - 6'	7	1.4-ft.	2.5'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Brown f-vf SAND, trace Silt, damp, no odors.	0.0	
6	4 6						. . . . Grades To . . . . Brown vf SAND, some Silt, damp, no odors.	0.0	
7	8 12	S-4	6' - 8'	26	1.4-ft.	4.0'	As above, wet, no odors. . . . . Grades To	0.0	
8	14 18						Brown vf SAND, some Clayey Silt, with thin Peat layer (<0.01-ft. thick) @ 5.3-ft. wet to saturated @ 5.2-ft., no odors.	0.0	
9	6 19	S-5	8' - 10'	41	1.5-ft.	6.0'	Gray cmf SAND, little(+) mf subrounded to subangular Gravel, saturated, no odors.	0.0	
10	22 16					8.0'	Gray $mf^{(+)}$ subrounded to subangular GRAVEL, some(+) cm Sand, saturated, no odors.	0.0	
11	3 6	S-6	10' - 12'	14	1.5-ft.	9.0' 10.0'	Gray $mf^{(+)}$ SAND, saturated, no odors. As above, saturated, no odors.	0.0	
12	8 20							0.0	
13	6 13	S-7	12' - 14'	27	1.3-ft.	12.0'	As above with layers of Brown $cm^{(+)}f$ SAND, some(+) f subrounded Gravel from 12.6 to 12.7-ft. and 13.0 to 13.1-ft., saturated, no odors.	0.0	
14	14 12							0.0	
15	4 5	S-8	14' - 16'	11	1.0-ft.	14.0'	Gray $mf^{(+)}$ SAND, saturated, no odors. . . . . Grades To	0.0	
16	6 4						Gray f SAND, little Silt w/ several thin (<0.01-ft.) Peat layers, saturated, no odors.		

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES: Native soil encountered @ 2.5-ft. BGS

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-9** SHEET 1 OF 2 JOB # 206377-2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 30-Aug-06 END DATE 30-Aug-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	2 9 15 32	S-1	0' - 2'	24	1.2-ft.	0.0'	**Topsoil** Dark brown f SAND, little(+) cmf angular Gravel, little(-) Silt (Incl. Concrete), organics present (roots, root traces, humus, etc.), damp, no odors.	0.0 0.0	
2							**Fill Material**		
3	19 26 30 25	S-2	2' - 4'	56	1.2-ft.	0.7' 2.0'	Dark brown f SAND and cmf(+) angular Gravel, little(-) Silt (Incl. Concrete), damp, no odors. Concrete fragments.	0.0 0.0	
4							**Fill Material Containing Slag**		
5	5 5 5	S-3	4' - 6'	10	0.6-ft.	2.3' 4.0'	Orange-brown to gray cmf(+) SAND, some(+) cmf angular to subangular Gravel, trace Silt (Incl. Cinders, Concrete, Ash & Slag), moist, no odors. Bluish-gray to brown cm(+)f angular GRAVEL and cmf SAND (Incl. Concrete, Cinders, & 1-piece Slag), moist to wet, no odors.	0.0	
6							**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits**		
7	6 5 3	S-4	6' - 8'	8	0.9-ft.	6.0'	Grayish-brown $c^{(+)}$mf SAND, some(-) $mf^{(+)}$ angular to subangular Gravel, wet to saturated, H_2S odor.	0.0	
8	3								
9	1 5 12	S-5	8' - 10'	17	1.0-ft.	8.0' 8.4'	Brown to grayish-brown $mf^{(+)}$ SAND and Clayey SILT, organics present (Peaty wood fragments), saturated, H_2S odor. Gray cmf SAND, some(+) mf subrounded Gravel, saturated, no odors.	0.0	
10	22								
11	5 25 54	S-6	10' - 12'	79	1.4-ft.	10.0' 10.8'	As above, saturated, no odors. Gray $cm^{(+)}$f SAND, saturated, no odors.	0.0 0.0	
12	22								
13	10 13 14	S-7	12' - 14'	27	1.5-ft.	12.0'	Gray $mf^{(+)}$ SAND, trace(-) m subrounded Gravel, saturated, no odors. . . . . Grades To . . . . Gray f SAND, saturated, no odors.	0.0 0.0	
14	18								
15	4 3 5	S-8	14' - 16'	8	1.0-ft.	14.0'	As above, saturated, no odors. . . . . Grades To . . . . Gray $cm^{(+)}$f SAND with 3/16-in. thick Peat layer @ 14.7-ft. BGS, saturated, no odors.	0.0	
16	11								

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES: Native soil between 4.6 & 6.0-ft. BGS

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-9** SHEET 2 OF 2 JOB # 206377-2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 30-Aug-06 END DATE 30-Aug-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
17	2	S-9	16' - 18'	<1	1.3-ft.	16.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Gray f SAND, trace Clayey Silt (Incl. ~2% Peat), saturated, no odors.	0.0	
	WOH						. . . . Grades To		
	WOH						Gray to brownish-gray SILT & CLAY (Incl. ~30% Peat), saturated, no	0.0	
18	2						odors.		
	WOH	S-10	18' - 20'	2	1.1-ft.	18.0'	As above,, but only contains ~10% Peat, saturated, no odors.	0.0	
19	1					19.0'	Gray f SAND, trace(-) Silt, saturated, no odors.		
	1							0.0	
20	3								
							Bottom of Boring @ 20.0-ft. BGS		
21									
22									
23									
24									
	7								
25	8								
	9								
26	8								
	8								
27	8								
	13								
28	14								
	2								
29	8								
	12								
30	16								
31									

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-10** SHEET 1 OF 2 JOB # 206377-2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 01-Sep-06 END DATE 01-Sep-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	2 12 11	S-1	0' - 2'	23	1.3-ft.	0.0'	**Topsoil** Brown f SAND, little Silt, little(-) mf angular Gravel (Brick fragments), organics present (roots, root traces & humus), damp, no odors.	0.0 0.0	
2	10						**Fill Material Containing Slag**		
3	8 12 13	S-2	2' - 4'	25	0.4-ft.	0.6' 2.0'	Gray, green and brown cmf angular GRAVEL (Gray & green Slag), some(+) cmf Sand (Cinders & Slag), moist, no odors. Gray, green and brown m(+)f angular GRAVEL (Gray & green Slag), some(+) cmf Sand (Cinders, Slag & trace Ash), moist, no odors.	0.0	
4	9								
5	6 5 2	S-3	4' - 6'	7	1.2-ft.	4.0' 4.3'	As above, damp, no odors. **Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Tan to brown mf(+) SAND, damp, no odors.	0.0 0.0	
6	2						.... Grades To		
7	2 2 1	S-4	6' - 8'	3	1.4-ft.	6.0'	Tan to brown cm(+)f SAND, wet, no odors. As above, saturated with slight H_2S odor. .... Grades To	0.0 0.0	
8	1						Tan mf(+) SAND, trace Clayey Silt, saturated, no odors.		
9	2 7 6	S-5	8' - 10'	13	0.9-ft.	7.3' 8.0'	Dark brown f SAND, little(+) Silt (Incl. approx 55% Peat), saturated, no odors. Gray cm(+)f SAND, little cmf subrounded Gravel, saturated, no odors.	0.0	
10	8								
11	4 7 8	S-6	10' - 12'	15	1.1-ft.	10.0'	As above, saturated, no odors. .... Grades To .... Gray mf(+) SAND, trace(+) mf subrounded Gravel, saturated, no odors.	0.0 0.0	
12	8								
13	2 2 2	S-7	12' - 14'	4	1.1-ft.	12.0'	Gray mf(+) SAND, saturated, no odors.	0.0 0.0	
14	5								
15	3 3 1	S-8	14' - 16'	4	0.7-ft	14.0'	As above, saturated, no odors.	0.0	
16	2								

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES: Native soil encountered @ 4.3-ft. BGS

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-10** SHEET 2 OF 2 JOB # 206377-2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 01-Sep-06 END DATE 01-Sep-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
17	WOH 1	S-9	16' - 18'	3	1.6-ft.	16.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Gray Silty CLAY with Peat layers @ 16.5-ft. BGS (~3/16-in. thick) and 16.6-ft. BGS (~1/4-in. thick), saturated, no odors.	0.0	
18	2 2							0.0	
19	WOH WOH	S-10	18' - 20'	>2	0.2-ft.	18.0'	As above, saturated, no odors.	0.0	
20	2 2								
21							*Bottom of Boring @ 20.0-ft. BGS*		
22									
23									
24									
25	7 8								
26	9 8								
27	8 8								
28	13 14								
29	2 8								
30	12 16								
31									

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-11** SHEET 1 OF 1 JOB # 206377 Phase 2a CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 31-Aug-06 END DATE 31-Aug-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	5 10	S-1	0' - 2'	19	1.4-ft.	0.0'	**Topsoil** Brown f SAND, little Silt, trace(+) mf subrounded Gravel, organics present (roots, root traces, humus, etc.), moist, no odors.	0.0	
2	9 10						**Fill Material Containing Slag**	0.0	
3	6 9	S-2	2' - 4'	21	1.5-ft.	0.4'	Tan to brown $mf^{(+)}$ SAND, little mf subrounded to angular Gravel (Incl. Slag), moist, no odors.	0.0	
4	12 15					2.0'	Tan $mf^{(+)}$ SAND, little cmf angular Gravel (Incl Slag), moist, no odors.	0.0	
5	6 8	S-3	4' - 6'	16	1.9-ft.	4.0'	**Fill Material** Tan $mf^{(+)}$ SAND, trace Silt, trace mf subrounded to subangular Gravel, moist, no odors.	0.0	
6	8 7					4.1'	**Fill Material Containing Slag** Black cmf SAND, little f subangular Gravel, trace Silt (Incl. Cinders, Glass, Ash & trace Slag), damp, very slight waste oil odor.	0.0	
7	4 6	S-4	6' - 8'	13	1.2-ft.	4.7'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Dark gray SILT, trace(+) vf Sand, damp to wet, no odors.	0.0	
8	7 6					6.0'	As above, saturated, no odors.	0.0	
9	8 9	S-5	8' - 10'	20	0.9-ft.	6.7'	Gray cmf SAND, little(+) mf subrounded to subangular Gravel, saturated, no odors.	0.0	
10	11 14					8.0' 8.3'	Wood, no creosote odor, saturated. Gray $c^{(+)}mf$ SAND and f subrounded Gravel, saturated, no odors.		
11	9 11	S-6	10' - 12'	23	1.0-ft.	10.0'	Gray mf SAND, some to some(+) cmf subrounded to subangular Gravel, saturated, no odors.	0.0	
12	12 13								
13	8 16	S-7	12' - 14'	33	1.1-ft.	12.0' 12.4'	Gray cmf SAND, little mf subrounded Gravel, saturated, no odors. Gray f SAND, saturated, no odors.	0.0	
14	17 17								
15	12 14	S-8	14' - 16'	27	1.2-ft.	14.0'	Gray mf SAND, trace(-) f subrounded Gravel, saturated, no odors.	0.0	
16	13 11						*Bottom of Boring @ 16.0-feet BGS*	0.0	

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES: Native soil encountered @ 4.7-ft. BGS.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-12** SHEET 1 OF 1 JOB # 206377 Phase 2 CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Kevin Bush (Driller) & James Smith (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 30-Aug-06 END DATE 30-Aug-06

TYPE OF DRILL RIG: Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	8 46 76	S-1	0' - 2'	122	2.0-ft.	0.0'	**Topsoil** Brown f SAND, little Silt, trace(+) mf subrounded Gravel, moist, no odors.	0.0	
2	30					0.4'	**Fill Material Containing Slag** Brownish-gray metallic SLAG.	0.0	
3	25 40 45	S-2	2' - 4'	85	1.2-ft.	0.6'	**Fill Material** Gray Concrete and Limestone fragments.	0.0	
4	26					2.0'	**Fill Material Containing Slag** Gray and brown cmf angular GRAVEL and cmf(+) SAND, little(-) Silt (Incl.	0.0	
5	4 5 3	S-3	4' - 6'	8	1.7-ft.	4.0'	Concrete, Crushed Gravel and trace Slag), moist, no odors. **Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Brown f SAND, little(-) Silt, damp, no odors.	0.0	
6	5						. . . . Grading To . . .	0.0	
7	5 8 6	S-4	6' - 8'	14	1.6-ft.	6.0' 6.7'	Brown f SAND, little Clayey Silt, damp to wet, no odors. Brown f SAND, little(+) Silt, wet, no odors. Gray mf subangular to angular GRAVEL and cm SAND, wet, no odors.	0.0	
8	6					6.9'	Gray mf SAND, wet, no odors.	0.0	
9	2 1 1	S-5	8' - 10'	2	0.8-ft.	8.0'	Gray mf SAND, saturated, no odors.	0.0	
10	2								
11	1 2 4	S-6	10' - 12'	6	0.4-ft.	10.0'	As above with Wood fragment @ 10.4-ft. BGS, saturated, no odors.	0.0	
12	3								
13	9 14 12	S-7	12' - 14'	26	1.4-ft.	12.0' 12.3'	Wood, saturated, no odors. Gray mf SAND, some c(+)mf subrounded Gravel, saturated, no odors.	0.0	
14	10							0.0	
15	19 34 37	S-8	14' - 16'	71	0.6-ft.	14.0'	Gray mf(+) SAND, little cm(+)f subrounded to subangular Gravel, saturated, no odors.	0.0	
16	15						*Bottom of Boring @ 16.0-feet BGS*		

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES: Native soil encountered between 3.2 & 4.0-ft. BGS.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-13** SHEET 1 OF 1 JOB # 206377 Phase 2 CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 07-Nov-06 END DATE 07-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	2 5	S-1	0' - 2'	11	1.7-ft.	0.0'	**Topsoil** Brown f SAND, little Silt, little(-) mf(+) subangular Gravel, organics present (roots root traces, humus), damp, no odors.	0.0	
2	6 15						**Fill Material**	0.0	
3	12 10	S-2	2' - 4'	16	1.4-ft.	0.6'	Brown f SAND, little(+) cmf subangular to subrounded Gravel, little Silt (Incl. Asphalt fragments), damp, no odors.	0.5	
4	6 4					2.0'	**Fill Material Containing Slag** Brown mf(+) SAND, some cmf sub angular to angular Gravel (Incl/ blue-green Slag and Ash), damp, no odors.	0.1	
5	2 3	S-3	4' - 6'	7	0.4-ft.			0.0	
6	4 8					3.1' 4.0'	**Fill Material** Brown mf(+) SAND, damp, no odors. Dark brown cmf SAND, little(-) mf angular to subangular Gravel (Incl. Ash), wet, no odors.	0.0	
7	4 7	S-4	6' - 8'	10	0.0-ft.		**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits**	Not Available	
8	3 2					4.2' 6.0'	Brownish-gray mf(+) SAND, saturated, no odors. No recovery.		
9	5 7	S-5	8' - 10'	14	0.0-ft.	8.0'	No recovery.	Not Available	
10	7 3								
11	8 8	S-6	10' - 12'	14	1.2-ft.	10.0'	Gray mf(+) SAND, saturated, no odors.	0.0	
12	6 8							0.0	
13	4 6	S-7	12' - 14'	10	1.4-ft.	12.0'	As above, saturated, no odors.	0.1	
14	4 6					12.3'		0.0	
15	1 1	S-8	14' - 16'	3	1.0-ft.	14.0'	Gray mf SAND, saturated, no odors.	0.1	
16	2						*Bottom of Boring @ 16.0-feet BGS*	0.0	

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES: Originally logged as boring PB-1
Native soil encountered @ 4.2-ft.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-14** SHEET 1 OF 1 JOB # 206377 Phase 2b CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 07-Nov-06 END DATE 07-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	3 8 12	S-1	0' - 2'	20	1.1-ft.	0.0'	**Topsoil** Brown f SAND, little(-) Clayey Silt, trace f Gravel, organics present (roots, root traces, humus), wet, no odors.	0.4	
2	12					0.1'	WOOD (Tree root).	0.4	
3	7 7	S-2	2' - 4'	15	1.0-ft.	0.3'	**Fill Material Containing Slag** Dark to deep brown cmf SAND, some(+) cmf angular to subrounded Gravel (Incl. blue-green Slag, Ash and Foundry Sand), damp, no odors.	0.0	
4	8 7						**Fill Material**	0.1	
5	2 2	S-3	4' - 6'	4	0.4-ft.	2.0'	Deep brown $cm^{(+)}f$ SAND, trace f subangular Gravel, (Incl. Foundry Sand w/ trace Ash), damp, no odors.	0.1	
6	2						**Fill Material Containing Slag**		
7	2 2	S-4	6' - 8'	4	1.6-ft.	4.0' 6.0'	As above with trace blue-green Slag, wet to saturated @ 4.3-ft., no odors. As above, saturated, very slight H_2S odor.	0.2	
8	2 4					6.7'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Brown & gray $mf^{(+)}$ SAND, little Peat, trace Silt, saturated, very slight H_2S odor.	4.3	
9	10 6	S-5	8' - 10'	12	1.4-ft.	8.0'	Gray f SAND, trace(-) Silt, saturated, very slight H_2S odor.	3.7	
10	6 10							2.2	
11	6 10	S-6	10' - 12'	22	1.4-ft.	10.0'	As above, saturated, no odors. . . . . Grades To . . . . Gray $mf^{(+)}$ SAND, saturated, no odors.	0.2	
12	12 10							0.1	
13	1 3	S-7	12' - 14'	8	1.6-ft.	12.0'	As above with thin PEAT layers (~0.01-ft thick) @ 12.3 and 13.2-ft., saturated, no odors.	0.2	
14	5 6							0.1	
15	1 1	S-8	14' - 16'	3	1.2-ft.	14.0'	Gray $mf^{(+)}$ SAND, saturated, no odors.	0.0	
16	2 3						*Bottom of Boring @ 16.0-feet BGS*	0.0	

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES: Originally logged as boring PB-2

Native soil encountered @ 6.7-ft.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-15** SHEET 1 OF 1 JOB # 206377 Phase 2 CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 07-Nov-06 END DATE 07-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	36 16 14	S-1	0' - 2'	30	1.7-ft.	0.0' 0.5' 1.0'	**Fill Material** Asphalt Pavement - Not sampled. Gray $cm^{(+)}f$ angular to subangular GRAVEL, some $cmf^{(+)}$ Sand, moist, no odors.	0.8	
2	9						Dark gray $cm^{(+)}f$ SAND, trace(+) f Gravel (Incl. Ash and Cinders), moist, no odors.	0.4	
3	5 6 6	S-2	2' - 4'	12	1.4-ft.	1.4' 1.3'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Dark brown SILT and f SAND, trace(-) f Gravel, damp, no odors. Brown mf SAND, moist, no odors.	0.0 0.0	
4	5					2.0'	Deep brown $m^{(+)}f$ SAND and cmf subrounded Gravel (Incl. Foundry sand), moist, no odors.	0.0	
5	2 2 5	S-3	4' - 6'	7	1.4-ft.		. . . . Grades To . . . . Gray SILT, little(-) f-vf Sand (Incl. Peat fragments), damp, no odors.	0.0	
6	3					3.1'	Gray $mf^{(+)}$ SAND, damp, no odors.		
7	3 8 11	S-4	6' - 8'	19	1.2-ft.	4.0' 4.3' 4.6'	Gray to grayish-brown f SAND, trace(+) Peat, trace Silt, damp, no odors. Gray f SAND, wet to saturated @ ~4.5-ft., no odors. Gray cmf SAND, little f subrounded Gravel, saturated, no odors.	0.0 0.0	
8	11					5.2'	Gray $mf^{(+)}$ SAND, some(-) Peat, trace Silt, saturated, no odors.		
9	9 10 14	S-5	8' - 10'	24	1.5-ft.	6.0' 6.1' 6.3'	As above, saturated, no odors. Gray mf SAND, little(+) mf subrounded Gravel, saturated, no odors. Gray f SAND, saturated, no odors.	0.0 0.0	
10	15						. . . . Grades To		
11	6 6 15	S-6	10' - 12'	21	1.3-ft.	10.0' 10.9'	Gray $mf^{(+)}$ SAND, saturated, no odors. As above with trace f subrounded Gravel from 10.4-10.6-ft., saturated, no odors. Gray f SAND, saturated, no odors.	0.0 0.0	
12	24						. . . . Grades To		
13	2 7 25	S-7	12' - 14'	32	1.6-ft.	12.0'	Gray $mf^{(+)}$ SAND, saturated, no odors. As above, saturated, no odors. . . . . Grades To	0.0 0.0	
14	27						Gray $mf^{(+)}$ SAND, saturated, no odors.		
15	2 3 3	S-8	14' - 16'	6	1.1-ft.	12.6' 14.0'	Gray $c^{(+)}mf$ to $m^{(+)}f$ SAND, some mf subrounded Gravel, saturated, no odors. Gray mf SAND, little(-) $m^{(+)}f$ subrounded to rounded Gravel, saturated, no odors. . . . . Grades To	0.0 0.0	
16	2					14.8'	Gray f SAND, trace(+) Silt with trace Peat from 15.0-15.1-ft., saturated, no odors.		

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

Bottom of Boring @ 16.0-feet BGS

NOTES: Originally logged as boring PB-3
Native soil encountered @ 1.4-ft.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-16** SHEET 1 OF 1 JOB # 206377 Phase 2b CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 07-Nov-06 END DATE 07-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	3 6 9	S-1	0' - 2'	15	1.4-ft.	0.0'	**Topsoil** Dark brown f SAND, little(-) Silt, trace f subrounded Gravel, organics present (roots, root traces, humus), damp, no odors.	0.0	
2	19						**Fill Material Containing Slag**	0.0	
3	7 5 3	S-2	2' - 4'	8	<0.1-ft.	0.4' 2.0'	Brown and grayish-green cmf$^{(+)}$ SAND, some cmf angular to subangular Gravel (Incl. Slag w/ trace Cinders), moist, no odors. 1-Piece blue-green Slag).	Not Available	
4	3								
5	1 1 2	S-3	4' - 6'	3	1.2-ft.	4.0'	Light brown mf$^{(+)}$ SAND, trace(+) mf angular to subrounded Gravel (Incl. blue-green Slag (~2%)), damp to wet, no odors.	0.1	
6	3							0.0	
7	2 2 2	S-4	6' - 8'	4	1.4-ft.	6.0' 6.7' 7.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Brown mf SAND, saturated, no odors. Grayish-brown Clayey SILT, trace vf Sand, trace(-) f Gravel, saturated, no odors. Grayish-brown cm$^{(+)}$f SAND, saturated, no odors.	0.0 0.0	
8	2								
9	1 1 3	S-5	8' - 10'	4	0.8-ft.	8.0'	Dark grayish-brown mf SAND, little(-) Clayey Silt, trace f subrounded Gravel, saturated, no odors.	0.0	
10	4								
11	2 3 4	S-6	10' - 12'	7	0.9-ft.	10.0'	Dark gray cm$^{(+)}$f SAND, little(+) mf subrounded Gravel, trace Silt, trace(-) Peat, saturated, no odors.	0.0	
12	5								
13	4 8 9	S-7	12' - 14'	17	1.0-ft.	12.0' 12.7' 12.8'	Dark gray mf SAND, saturated, no odors. Dark gray cmf SAND, saturated, no odors. Dark gray mf$^{(+)}$ SAND, saturated, no odors.	0.0	
14	9								
15	2 2 3	S-8	14' - 16'	5	1.4-ft.	14.0'	As above, saturated, no odors.	0.0	
16	6						*Bottom of Boring @ 16.0-feet BGS*	0.0	

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES: Originally logged as boring PB-4
Native soil encountered between 6.9 & 8.0-ft.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-17** SHEET 1 OF 1 JOB # 206377 Phase 2 CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 06-Nov-06 END DATE 06-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	7 15 13	S-1	0' - 2'	28	1.5-ft.	0.0'	**Topsoil** Dark bown f SAND, little Silt, organics present (roots, root traces, humus), damp, no odors.	0.2	
2	39						**Fill Material Containing Slag**	0.3	
3	10 11 13	S-2	2' - 4'	24	1.4-ft.	0.3' 2.0'	Brown and gray cmf angular to subangular GRAVEL and cm$^{(+)}$f SAND (Incl. Foundry Sand and Slag w/ apparent Beach Sand), damp, no odors. As above, damp, no odors.	0.1	
4	13						**Fill Material**	0.0	
5	3 3 7	S-3	4' - 6'	10	1.1-ft.	2.3' 3.1'	Brown mf$^{(+)}$ SAND, damp, no odors. . . . . Grades To . . . . Brown SILT, little(+) mf subrounded Gravel, trace cmf Sand, damp, no odors.	0.0 0.1	
6	4					4.0'	Brown mf$^{(+)}$ SAND (Incl Brick fragments), damp to wet, no odors.		
7	2 2 2	S-4	6' - 8'	4	0.9-ft.	4.6' 6.0'	WOOD, very slight creosote odor. **Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Gray cmf SAND, wet to saturated @ ~6.4-ft., no odors.	0.0	
8	2						. . . . Grades To	0.0	
9	2 2 2	S-5	8' - 10'	4	0.9-ft.	8.0' 8.8'	Gray f SAND, trace(-) Silt, saturated, no odors. Gray mf$^{(+)}$ SAND, saturated, no odors. Gray SILT, trace vf Sand, saturated, no odors.	0.0	
10	2								
11	3 5 7	S-6	10' - 12'	12	0.9-ft.	10.0'	Gray mf$^{(+)}$ SAND, saturated, no odors.	0.1	
12	8								
13	9 17 19	S-7	12' - 14'	36	1.5-ft.	12.0' 12.3'	As above, saturated, no odors. Gray mf SAND, little(+) cmf subrounded Gravel, saturated, no odors.	0.1 0.0	
14	20								
15	2 2 5	S-8	14' - 16'	7	1.3-ft.	14.0'	Gray f to vf SAND, trace Silt, trace(-) Peat fragments.	0.0	
16	5						*Bottom of Boring @ 16.0-feet BGS*	0.0	

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES: Originally logged as boring PB-5
Native soil encountered between 3.4 & 4.0-ft.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-18** SHEET 1 OF 1 JOB # 206377 Phase 2b CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 07-Nov-06 END DATE 07-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	12 11 10	S-1	0' - 2'	21	1.5-ft.	0.0'	**Fill Material** Gray cmf angular to subangular GRAVEL and cm$^{(+)}$f SAND (Incl. Milled Asphalt), moist, no odors.	0.1	
2	25						**Fill Material Containing Slag**	0.4	
3	25 30 22	S-2	2' - 4'	52	1.4-ft.	0.7'	Deep brown mf$^{(+)}$ SAND, little(-) mf angular Gravel (Incl. Foundry Sand and blue-green Slag), moist to damp, no odors.	1.3	
4	20					2.0'	Greenish-gray and brown cmf subangular to angular GRAVEL, some(-) cmf Sand, trace Silt (Incl. greenish-gray Slag, with Ash & Cinders), slight H_2S odor.	1.7	
5	4 6 4	S-3	4' - 6'	10	1.3-ft.	4.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Grayish-brown to gray SILT, some(-) vf Sand, wet to saturated @ ~4.7-ft., slight H_2S Odor.	0.4	
6	3							0.0	
7	3 4 5	S-4	6' - 8'	9	1.2-ft.	6.0' 6.2'	As above, saturated, no odors. Gray cmf SAND, trace(+) mf subrounded Gravel, saturated, no odors. . . . . Grades To	0.0	
8	6						Gray mf SAND, saturated, no odors.	0.0	
9	2 5 10	S-5	8' - 10'	15	1.0-ft.	8.0'	Gray mf SAND, trace(-) f subrounded Gravel, saturated, very slight H_2S odor.	3.2	
10	11							2.1	
11	13 10 13	S-6	10' - 12'	23	0.9-ft.	10.0'	Gray mf$^{(+)}$ SAND (Incl. Wood fragments), saturated, H_2S odor.	2.7	
12	15							2.3	
13	5 6 6	S-7	12' - 14'	12	0.7-ft.	12.0'	As above, saturated, no odors. . . . . Grades To . . . . Gray f SAND, trace(-) Silt, saturated, no odors.	0.0	
14	12								
15	5 1 2	S-8	14' - 16'	3	1.1-ft.	14.0' 14.9'	Gray f-vf SAND, trace Silt, saturated, no odors. Gray Clayey SILT, trace(-) Peat, saturated, no odors.	0.0	
16	2							0.0	

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

Bottom of Boring @ 16.0-feet BGS

NOTES: Originally logged as boring PB-6
Native soil encountered between 3.4 & 4.0-ft.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-19** SHEET 1 OF 1 JOB # 206377 Phase 2 CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 07-Nov-06 END DATE 07-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	60 27	S-1	0' - 2'	47	1.6-ft.	0.0'	**Fill Material** Asphalt Pavement - Not sampled.	0.2	
2	20 20					0.5'	Gray cm$^{(+)}$f angular to subangular GRAVEL and cmf$^{(+)}$ SAND, slightly moist, no odors.	0.2	
3	14 8	S-2	2' - 4'	16	1.2-ft.	1.0'	**Fill Material Containing Slag** Dark brown mf GRAVEL and SILT, trace f Sand (incl. blue-green Slag), moist, no odors.	0.0	
4	8 8						**Fill Material**	0.0	
5	2 2	S-3	4' - 6'	5	1.5-ft.	1.3' 2.0'	Brown mf SAND, moist, no odors. Deep brown m$^{(+)}$f SAND and cmf subrounded Gravel (Incl. Foundry Sand), moist, no odors.	0.0	
6	3 3						**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits**	0.0	
7	2 6	S-4	6' - 8'	16	1.2-ft.	2.4'	Dark brownish-gray SILT, little(-) mf$^{(+)}$ subrounded Gravel, damp, no odors. . . . . Grades To	1.0	
8	10 10					4.0'	Brown SILT, trace vf Sand, damp, no odors. As above, wet, H_2S odor.	0.3	
9	3 9	S-5	8' - 10'	19	1.1-ft.		. . . . Grades To . . . . Dark grayish-brown Clayey SILT, wet to saturated @ ~4.8-ft., H_2S odor.	0.0	
10	10 12					6.0' 6.4'	Gray mf SAND, saturated, no odors. Gray mf SAND, some(-) mf subrounded Gravel, saturated, no odors.	0.0	
11	1 3	S-6	10' - 12'	16	1.2-ft.	6.7' 8.0'	Gray mf SAND, saturated, no odors. As above, saturated, no odors.	0.0	
12	13 16					10.0'	Gray mf$^{(+)}$ SAND, trace f subrounded Gravel, saturated, very slight H_2S odor.	0.0	
13	1 2	S-7	12' - 14'	5	0.8-ft.	12.0' 12.5'	As above, saturated, no odors. Gray mf SAND, little(+) f subrounded to subangular Gravel, saturated, no odors.	0.0	
14	3 5							0.0	
15	1 2	S-8	14' - 16'	5	1.4-ft.	14.0' 14.5'	As above, saturated, no odors. Gray mf$^{(+)}$ SAND, saturated, no odors.	0.0	
16	3 2					15.0'	Gray Clayey SILT, trace(+) vf Sand, saturated, no odors.	0.0	

LEGEND

S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

Bottom of Boring @ 16.0-feet BGS

NOTES: Originally logged as boring PB-7
Native soil encountered @ 2.4-ft.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-20** SHEET 1 OF 1 JOB # 206377 Phase 2 CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 07-Nov-06 END DATE 07-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	6 15 12	S-1	0' - 2'	27	1.5-ft.	0.0'	**Topsoil** Dark brown f SAND, little Silt, trace(+) f subrounded to subangular Gravel, organics present (roots, root traces, humus), damp, no odors.	0.2 1.8	
2	12						**Fill Material Containing Slag**		
3	9 4 5	S-2	2' - 4'	9	1.5-ft.	0.3' 2.0'	Brown and gray cmf SAND, some(-) cmf angular to subangular Gravel, trace(-) Silt (Incl. blue-green and gray Slag, Asphalt and Ash), moist, no odors. Dark brown to brown cmf SAND, little(+) mf subangular to subrounded Gravel, (Incl. Slag, Cinders, Ash and Foundry Sand), damp to wet, no odors.	0.1 0.1	
4	4								
5	2 3 2	S-3	4' - 6'	5	1.0-ft.	3.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Dark gray SILT, trace(-) vf Sand, trace(-) f Gravel, wet no odors. . . . . Grades To . . . . Gray SILT, trace(+) vf Sand, wet, no odors.	0.0	
6	2					4.0'	Grayish-brown Clayey SILT, wet to saturated @ ~4.5-ft., no odors.	0.4	
7	3	S-4	6' - 8'	6	1.3-ft.	4.9' 6.0'	Gray cmf SAND, saturated, no odors. Gray cmf SAND, little(-) f subrounded Gravel, saturated, no odors.		
8	3 4					6.2'	Gray mf(+) to f SAND with thin layer of Peat (<0.01-ft. thick) @ 7.2-ft., saturated, very slight H^2S odor.	0.2	
9	3 7 12	S-5	8' - 10'	19	1.1-ft.	8.0' 8.6'	As above, saturated, no odors. Gray cmf SAND, some(+) cmf subrounded Gravel, saturated, no odors.	0.1 0.1	
10	15								
11	12 7 20	S-6	10' - 12'	27	1.4-ft.	10.0' 10.6' 11.0'	Gray mf(+) SAND, saturated, no odors. Gray mf(+) SAND, some cmf subrounded Gravel, saturated, no odors. Gray mf(+) SAND, saturated, no odors.	1.3 0.1	
12	20								
13	12 17 20	S-7	12' - 14'	37	1.5-ft.	12.0'	Gray f SAND w/ layer of gray cmf SAND from 13.1 to 13.2-ft., saturated, no odors. . . . . Grades To . . . . Gray mf(+) SAND, saturated, no odors.	0.1 0.0	
14	21								
15	2 2 9	S-8	14' - 16'	11	1.2-ft.	14.0' 14.8'	As above, saturated, no odors. Gray cmf SAND and cmf subround to subangular GRAVEL, saturated, no odors.	0.0 0.1	
16	12								

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

Bottom of Boring @ 16.0-feet BGS

NOTES: Originally logged as boring PB-8

Native soil encountered @ 3.0-ft.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Remedial Investigation
Proposed Port Marina: Port of Rochester
Rochester, New York

BORING **BS-21**
SHEET 1 OF 1
JOB # 206377 Phase 2
CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co.
DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper)
LABELLA REPRESENTATIVE: C. Stiles

BORING LOCATION
GROUND SURFACE ELEVATION DATUM
START DATE 08-Nov-06 END DATE 08-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig
AUGER SIZE AND TYPE 4.25-Inch ID
OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer
ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	13 15 57 60	S-1	0' - 2'	72	1.5-ft.	0.0'	**Topsoil** Brown f SAND, little Silt, trace mf(+) subrounded Gravel, organics present (roots, root traces, humus, etc.), damp, no odors.	5.2 3.9	
2							**Fill Material**		
3	100/5" 	S-2	2' - 4'	0	<0.1-ft.	0.4' 2.0'	Gray to black cmf angular GRAVEL, some(+) cmf Sand (Incl. Cinders and Ash), damp, no odors. As above, damp, no odors.	0.3	
4							**Fill Material Containing Slag**		
5	4 7 3 10	S-3	4' - 6'	10	0.5-ft.	4.0'	Blue-green cmf angular Gravel, some cmf Sand (All blue-green Slag), moist, no	0.2	
6	6 10 11 11	S-4	6' - 8'	21	0.4-ft.	6.0' 6.3'	As above, but now only ~80% Slag), damp to wet, no odors. **Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Gray cmf SAND and mf subangular GRAVEL, saturated, no odors.	0.4	
8	3 2 1 3	S-5	8' - 10'	3	0.25-ft.	8.0'	As above, saturated, no odors.	0.0	
10	6 8 9 8	S-6	10' - 12'	17	0.9-ft.	10.0'	Gray mf(+) SAND, saturated, no odors.	0.2	
12	1 4 7 8	S-7	12' - 14'	11	1.2-ft.	12.0'	As above, saturated, no odors.	0.0	
14	7 26 14 8	S-8	14' - 16'	40	1.3-ft.	14.0'	Gray cmf subrounded to subangular GRAVEL and cmf SAND, saturated, no odors. *Bottom of Boring @ 16.0-feet BGS*	0.0	

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES: Originally logged as boring PB-9
Native soil encountered @ 6.3-ft.

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Remedial Investigation
Proposed Port Marina: Port of Rochester
Rochester, New York

BORING **BS-22**
SHEET 1 OF 1
JOB # 206377 Phase 2
CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION
DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM
LABELLA REPRESENTATIVE: C. Stiles START DATE 06-Nov-06 END DATE 06-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig
AUGER SIZE AND TYPE 4.25-Inch ID
OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer
ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	60 26 16	S-1	0' - 2'	42	1.5-ft.	0.0' 0.5'	**Fill Material** Asphalt Pavement - Not sampled. Gray cmf angular GRAVEL and cmf SAND, trace Silt, slightly moist, no odors.	0.1 0.6	
2	20						**Fill Material Containing Slag**		
3	26 14 9	S-2	2' - 4'	23	1.0-ft.	1.2'	Brown cmf SAND, little(-) f angular Gravel (Incl. Foundry Sand and Slag), moist, no odors.	8.2	
4	9						**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits**		
						1.4'	Dark brown SILT and f SAND, trace(-) f Gravel, damp, no odors.		
5	3 6 3	S-3	4' - 6'	9	<0.1-ft.	1.3' 2.0'	Brown mf SAND, moist, no odors. Deep brown m(+)f SAND and cmf subrounded Gravel (Incl. Foundry Sand), moist, no odors.		
6	4						.... Grades To		
7	3 4 7	S-4	6' - 8'	11	1.0-ft.	3.1' 4.0'	Gray SILT, little(-) f-vf Sand (Incl. Peat fragments), damp, no odors. Gray mf(+) SAND, damp, no odors. Gray to grayish-brown f SAND, trace(+) Peat, trace Silt, damp, no odors.	0.2	
8	9					4.3'	Gray f SAND, wet to saturated @ ~4.5-ft., no odors.		
9	2 8 9	S-5	8' - 10'	17	0.7-ft.	4.6' 5.2' 6.1'	Gray cmf SAND, little f subrounded Gravel, saturated, no odors. Gray mf(+) SAND, some(-) Peat, trace Silt, saturated, no odors. Gray mf SAND, little(+) mf subrounded Gravel, saturated, no odors.	0.3	
10	8					6.3'	Gray f SAND, saturated, no odors.		
11	4 4 11	S-6	10' - 12'	15	1.3-ft.	10.0'	.... Grades To .... Gray mf(+) SAND, saturated, no odors. As above with trace f subrounded Gravel from 10.4-10.6-ft., saturated, no odors.	4.7 1.9	
12	11					10.9'	Gray f SAND, saturated, no odors.		
13	2 6 23	S-7	12' - 14'	29	0.7-ft.	12.6'	.... Grades To .... Gray mf(+) SAND, saturated, no odors. Gray c(+)mf to m(+)f SAND, some mf subrounded Gravel, saturated, no odors.	0.4	
14	9								
15	WOH WOH 1	S-8	14' - 16'	1	0.8-ft.	14.0' 14.8'	Gray mf SAND, little(-) m(+)f subrounded to rounded Gravel, saturated, no odors. Gray f SAND, trace(+) Silt with trace Peat from 15.0-15.1-ft., saturated, no odors.	0.0	
16	1								

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

Bottom of Boring @ 16.0-feet BGS

NOTES: Originally logged as boring PB-10
WOH denotes Weight of Hammer.
Native soil encountered @ 1.4-ft.

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-23** SHEET 1 OF 1 JOB # 206377 Phase 2b CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 08-Nov-06 END DATE 08-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	40 30 15	S-1	0' - 2'	45	1.5-ft.	0.0' 0.5'	**Fill Material** Asphalt Pavement - Not sampled. Gray cmf angular GRAVEL and cmf SAND, moist, no odors.	0.2 3.1	
2	17						**Fill Material Containing Slag**		
3	7 14 10	S-2	2' - 4'	24	1.2-ft.	1.0' 2.0'	Tan cmf SAND, little mf$^{(+)}$ angular Gravel (Incl. Bottom Ash w/ trace Slag), moist, no odors. As above, damp, no odors.	2.1 0.7	
4	10					2.3'	Blue-green c$^{(+)}$mf SAND, little(+) mf$^{(+)}$ angular Gravel (Incl. blue-green Slag w/ Bottom Ash), damp, no odors.		
5	2 7 14	S-3	4' - 6'	21	1.1-ft.	2.8'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Brown m$^{(+)}$f Sand, trace(+) mf subrounded Gravel, damp, no odors.	0.0 0.0	
6	11					4.0'	Dark brown f-vf SAND, little Clayey Silt, damp, no odors.		
7	3 4 3	S-4	6' - 8'	7	1.3-ft.	4.1' 6.0' 6.7'	Gray mf SAND, some(-) cmf subrounded Gravel, wet, no odors. Gray mf$^{(+)}$ SAND, saturated, no odors. Gray mf$^{(+)}$ SAND, little(+) mf subrounded Gravel, saturated, no odors.	0.0 0.0	
8	3					7.1'	Gray mf$^{(+)}$ SAND, saturated, no odors.		
9	4 7 9	S-5	8' - 10'	16	1.0-ft.	8.0' 8.6'	Gray mf SAND, little mf subrounded Gravel, saturated, no odors. Gray f SAND, saturated, no odors. . . . . Grades To	0.0 0.1	
10	12						Gray mf$^{(+)}$ SAND, saturated, no odors.		
11	4 4 8	S-6	10' - 12'	12	1.1-ft.	10.0'	Gray f-vf SAND, saturated, no odors. As above, saturated, no odors.	0.0 0.0	
12	11								
13	15 27 28	S-7	12' - 14'	55	1.3-ft.	12.5' 12.6'	Gray f-vf SAND, saturated, no odors. Gray cmf SAND, trace f subrounded Gravel, saturated, no odors.	0.0 0.0	
14	30						. . . . Grades To		
15	13 16 17	S-8	14' - 16'	33	0.9-ft.		Gray cmf$^{(+)}$ SAND, some cmf subrounded Gravel, saturated, no odors.	0.0	
16	19						*Bottom of Boring @ 16.0-feet BGS*		

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES: Originally logged as boring PB-11

Native soil encountered @ 2.8-ft.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-24** SHEET 1 OF 1 JOB # 206377 Phase 2b CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 07-Nov-06 END DATE 07-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	2 2 2 4	S-1	0' - 2'	4	1.3-ft.	0.0'	**Topsoil** Brown f SAND, little(-) Silt, trace f subrounded Gravel, organics present (roots, root traces, humus, etc.), damp, no odors.	0.0 0.0	
2							**Fill Material**		
3	6 5 4 4	S-2	2' - 4'	9	1.3-ft.	0.2' 0.5'	Tan mf(+) SAND, moist, no odors. Dark brown cmf SAND, some(-) mg angular to subangular Gravel (Incl. Cinders with trace Ash), moist to damp, no odors.	0.0 0.0	
4							**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits**		
5	3 3 2 5	S-3	4' - 6'	5	1.0-ft.	2.0'	Tan mf(+) SAND, moist to damp, no odors. . . . . Grades To . . . . Gray mf(+) SAND, damp, no odors with interval of Gray f-vf SAND, trace Silt from 4.8 to 4.9-ft. BGS.	0.0	
6									
7	9 13 13 9	S-4	6' - 8'	26	1.4-ft.	6.0' 6.8'	As above, saturated, no odors. Gray cmf SAND, some(+) cmf subrounded Gravel, saturated, no odors.	0.0 0.0	
8									
9	2 6 7 9	S-5	8' - 10'	13	0.0-ft.	8.0'	Gray mf(+) SAND thin Peat layer (~0.01-ft. thick) @ 8.9-ft., saturated, no odors.	0.0 0.0	
10									
11	5 6 9 15	S-6	10' - 12'	15	1.2-ft.	10.0'	As above, saturated, no odors. . . . . Grades To	0.0 0.0	
12									
13	12 10 10 7	S-7	12' - 14'	20	1.0-ft.	12.9' 13.2'	Gray f SAND, saturated, no odors. Gray cmf SAND, little(-) f subrounded Gravel, saturated, no odors. Gray f SAND with 1-piece of course subrounded Gravel @ 14.7-feet, saturated, no odors.	0.0 0.0	
14									
15	1 12 10 17	S-8	14' - 16'	22	1.2-ft.			0.0 0.0	
16							*Bottom of Boring @ 16.0-feet BGS*		

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES: Originally logged as boring PB-12

Native soil encountered between 1.3 and 2.0-ft.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Remedial Investigation
Proposed Port Marina: Port of Rochester
Rochester, New York

BORING **BS-25**
SHEET 1 OF 1
JOB # 206377 Phase 2
CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION
DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM
LABELLA REPRESENTATIVE: C. Stiles START DATE 08-Nov-06 END DATE 08-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig
AUGER SIZE AND TYPE 4.25-Inch ID
OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer
ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	37 7 14	S-1	0' - 2'	21	1.5-ft.	0.0' 0.5' 0.9'	**Fill Material** Asphalt Pavement - Not sampled. Gray cmf angular GRAVEL, some(+) cmf Sand, moist, no odors. Brown mf(+) SAND, some mf subangular Gravel (Incl. Foundry sand, w/ trace Ash and Cinders), moist, no odors.	0.3 0.6	
2	7								
3	5 4 2	S-2	2' - 4'	6	1.2-ft.	2.0'	**Fill Material Containing Slag** Black and dark brown cmf SAND, little(+) mf(+) angular Gravel (Incl. Cinders, Ash and Slag), moist, no odors.	0.2 0.1	
4	2								
5	6 8 8	S-3	4' - 6'	16	1.1-ft.	2.3' 3.2'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Brown mf(+) SAND, moist to damp, no odors. Dark brown SILT, little(+) Peat, little f-vf Sand, wet, no odors.	0.1	
6	7					4.0'	Gray cm(+)f SAND and cmf subrounded to subangular GRAVEL, wet to saturated @ ~7.0-ft., no odors.		
7	6 8 6	S-4	6' - 8'	14	1.3-ft.	6.0'	As above, saturated, no odors.	0.0 0.0	
8	10								
9	7 18 21	S-5	8' - 10'	39	1.0-ft.	8.0'	Gray mf(+) SAND, saturated, no odors.	0.0	
10	25								
11	17 21 23	S-6	10' - 12'	44	1.1-ft.	10.0'	No Recovery	Not Available	
12	30								
13	15 37 40	S-7	12' - 14'	77	1.3-ft.	12.0'	Gray cmf(+) SAND and cmf subrounded GRAVEL, saturated, no odors.	0.0	
14	42								
15	10 11 13	S-8	14' - 16'	24	0.9-ft.	14.0'	Gray cmf(+) SAND, some(+) cmf subrounded Gravel, saturated, no odors.	0.0	
16	5						*Bottom of Boring @ 16.0-feet BGS*	0.0	

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES: Originally logged as boring PB-13
Native soil encountered @ 2.3-ft.

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-26** SHEET 1 OF 1 JOB # 206377 Phase 2b CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 06-Nov-06 END DATE 06-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	68 26 22	S-1	0' - 2'	48	1.4-ft	0.0' 0.5'	**Fill Material** Asphalt Pavement - Not sampled. Gray cm$^{(+)}$f angular to subangular GRAVEL, some(+) cmf Sand, slightly moist, no odors.	1.9 0.8	
2	20								
3	8 2 3	S-2	2' - 4'	5	1.4-ft	1.0'	**Fill Material Containing Slag** White crystalline Slag.	0.3	
4	8					2.0'	**Fill Material** Deep brown m$^{(+)}$f SAND (Foundry Sand), moist to damp, no odors.	0.2	
5	12 6 3	S-3	4' - 6'	9	1.5-ft.	2.9'	**Fill Material Containing Slag** Brown mf$^{(+)}$ SAND, little (-) mf angular Gravel, (Incl. blue green Slag), damp to wet, no odors.	0.1 0.1	
6	3						**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits**		
7	3 1 1	S-4	6' - 8'	2	1.2-ft.	4.0' 6.0' 6.3'	Gray SILT, little(-) vf Sand, wet, no odors. Gray SILT & CLAY, wet, no odors. PEAT, saturated, no odors.	0.1 0.0	
8	2					6.9'	Gray mf SAND, saturated, no odors.		
9	6 11 11	S-5	8' - 10'	22	0.9-ft.	8.0' 8.7'	Gray cm$^{(+)}$f SAND, some(+) cmf subrounded Gravel, saturated, no odors. Gray mf$^{(+)}$ SAND, saturated, no odors.	0.2	
10	12								
11	3 3 3	S-6	10' - 12'	6	0.5-ft.	10.0'	As above, saturated, no odors. . . . . Grades To . . . . Gray f SAND, trace Silt, saturated, no odors.	0.1	
12	3								
13	8 8 11	S-7	12' - 14'	19	1.2-ft.	12.0' 12.7'	Gray mf$^{(+)}$ SAND, saturated, no odors. Gray mf SAND, some(+) mf subrounded Gravel, saturated, no odors.	0.0 0.0	
14	6								
15	3 4 6	S-8	14' - 16'	10	1.3-ft.	14.0'	Gray mf$^{(+)}$ SAND, saturated, no odors. . . . . Grades To . . . . Gray vf SAND, trace(-) Silt, saturated, no odors.	0.0 0.1	
16	6						*Bottom of Boring @ 16.0-feet BGS*		

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES: Originally logged as boring PB-14

Native soil encountered between 3.5 & 4.0-ft.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Remedial Investigation
Proposed Port Marina: Port of Rochester
Rochester, New York

BORING **BS-27**
SHEET 1 OF 1
JOB # 206377 Phase 2
CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION
DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM
LABELLA REPRESENTATIVE: C. Stiles START DATE 09-Nov-06 END DATE 09-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig
AUGER SIZE AND TYPE 4.25-Inch ID
OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer
ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	1 2 4	S-1	0' - 2'	6	1.4-ft	0.0'	**Topsoil** Brown f SAND, trace(+) Silt, organics present (roots, root traces, humus), damp to wet, no odors.	0.0	
2	9						**Fill Material Containing Slag**	0.0	
3	11 12 9	S-2	2' - 4'	21	1.4-ft	0.6' 2.0'	Grayish-brown cmf(+) SAND, little mf angular Gravel, trace Silt (Incl. Slag, Ash and Cinders), damp, no odors. As above, damp, no odors.	2.7 5.7	
4	12								
5	3 13 8	S-3	4' - 6'	21	1.5-ft.	4.0' 4.4'	As above, damp, no odors. Deep brown m(+)f SAND, trace(+) mf angular to subangular Gravel (Incl. Foundry Sand & black metallic Slag), damp, no odors.	2.7 11.5	
6	5								
7	9 12 19	S-4	6' - 8'	31	1.2-ft.	6.0' 6.6'	As above, but also includes Ash, damp, no odors. **Fill Material** Gray cmf angular GRAVEL, some cmf Sand, damp, no odors.	7.2 15.9	
8	20						**Fill Material Containing Slag**		
9	11 15 10	S-5	8' - 10'	25	0.2-ft.	8.0'	Gray and greenish-gray cmf angular GRAVEL, little(+) cmf Sand (All Gray and greenish-gray Slag), saturated, no odors.	3.1	
10	4								
11	4 8 10	S-6	10' - 12'	18	0.2-ft.	10.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Black f SAND, some Silt, little(-) Peat, saturated, H_2S odor.	1.6	
12	13								
13	7 8 10	S-7	12' - 14'	18	0.5-ft.	12.0'	Black mf SAND, some(-) cmf subrounded Gravel, saturated, H_2S odor.	2.2	
14	9								
15	4 7 10	S-8	14' - 16'	17	1.1-ft.	14.0'	As above, saturated, no odors. . . . . Grades To . . . . Gray cmf SAND, some(+) cmf subrounded Gravel, saturated, no odors.	0.9 0.3	
16	10						*Bottom of Boring @ 16.0-feet BGS*		

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES: Originally logged as boring PB-15
Native soil encountered between 8.2 & 10.0-ft.

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-28** SHEET 1 OF 1 JOB # 206377 Phase 2 CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 08-Nov-06 END DATE 08-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	2 3 9	S-1	0' - 2'	12	1.2-ft	0.0'	**Topsoil** Brown f SAND, little(+) Clayey Silt, organics present (roots, root traces, humus), damp, no odors.	0.1	
2	10						**Fill Material Containing Slag**	0.1	
3	12 11 12	S-2	2' - 4'	23	1.4-ft	0.6' 2.0'	Dark brown to black cmf(+) SAND, some mf angular to subangular Gravel (Incl. Cinders with little Slag), damp, no odors. Gray to brown cmf(+) SAND, little(+) mf angular to subangular Gravel, trace Silt (Incl. Cinders, Ash and Slag), damp, no odors.	0.9 0.2	
4	12								
5	11 10 13	S-3	4' - 6'	23	1.4-ft	4.0'	Brick red, white and gray cmf(+) SAND, some mf subangular to angular Gravel, trace Silt (Incl. red, white & gray Slag, Foundry Sand, Cinders and Ash), damp to wet, no odors.	2.1 0.4	
6	27								
7	72 13 8	S-4	6' - 8'	21	1.0-ft.	6.0'	Blue-green and gray cmf angular GRAVEL, some(+) cmf Sand, (All blue-green and gray Slag), saturated, no odors.	0.8	
8	7								
9	11 5 5	S-5	8' - 10'	10	0.2-ft.	8.0'	As above but gray in color with gray Slag only, saturated, no odors.	0.5	
10	7						**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits**		
11	5 3 3	S-6	10' - 12'	6	0.4-ft.	10.0'	Black SILT, little f-vf Sand, little Peat, saturated, very strong H_2S odor.	32.2	
12	1								
13	6 6 7	S-7	12' - 14'	13	0.0-ft.	12.0'	No recovery	Not Available	
14	6								
15	1 5 10	S-8	14' - 16'	15	0.4-ft.	14.0'	Gray mf SAND, saturated, no odors.	0.3	
16	10						*Bottom of Boring @ 16.0-feet BGS*		

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES: Originally logged as boring PB-16

Native soil encountered between 8.2 & 10.0-ft.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-29** SHEET 1 OF 1 JOB # 206377 Phase 2 CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 07-Nov-06 END DATE 07-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	1 1 2	S-1	0' - 2'	3	1.2-ft	0.0'	**Topsoil** Brown f SAND, little Clayey Silt, trace(-) f Gravel, organics present (roots, root traces, humus), damp, no odors.	0.0 0.3	
2	2						**Fill Material Containing Slag**		
3	4 10 11	S-2	2' - 4'	21	1.4-ft	0.6' 2.3'	Dark grayish-brown cmf SAND, little mf(+) angular to subangular Gravel (Incl. Cinders, Asphalt, Ash and trace Slag), damp, no odors. Blue-green cmf angular GRAVEL and cmf(+) SAND (Mostly blue-green Slag), damp, no odors.	0.6 1.2	
4	20								
5	14 16 18	S-3	4' - 6'	34	1.4-ft	2.8' 4.0'	Brick red cmf SAND, some mf angular to subangular Gravel (Incl. Foundry Sand w/ trace Slag), damp to wet, no odors. Blue-green cmf angular GRAVEL and cmf(+) SAND (Mostly blue-green Slag), wet, no odors.	2.6 1.5	
6	12								
7	4 4 10	S-4	6' - 8'	14	0.3-ft.	6.0'	Greenish-gray cmf angular GRAVEL and cmf SAND (Mostly blue-green and gray Slag), wet, no odors.	0.6	
8	11								
9	3 4 6	S-5	8' - 10'	10	0.5-ft.	8.0' 8.2'	As above, saturated, no odors. **Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Black f SAND, some(-) Clayey Silt, saturated, strong H_2S and weathered petroleum odor	8.4	
10	7								
11	6 3 2	S-6	10' - 12'	5	0.9-ft.	10.0'	Black mf SAND, some mf subrounded Gravel, saturated, moderate H_2S odor.	0.9 0.2	
12	6								
13	3 6 10	S-7	12' - 14'	16	1.2-ft	12.0'	Gray mf SANS, saturated, no odors. . . . . Grades To . . . . Gray mf SAND, saturated, no odors.	0.0 0.0	
14	10								
15	5 5 10	S-8	14' - 16'	15	0.5-ft.	14.0' 14.2'	Gray cm(+)f SAND and mf subrounded GRAVEL, saturated, no odors. Gray mf(+) SAND, little mf(+) subrounded Gravel, saturated, no odors.	0.0	
16	10						*Bottom of Boring @ 16.0-feet BGS*		

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES: Originally logged as boring PB-17

Native soil encountered @ 8.2-ft.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Remedial Investigation
Proposed Port Marina: Port of Rochester
Rochester, New York

BORING **BS-30**
SHEET 1 OF 1
JOB # 206377 Phase 2
CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION
DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM
LABELLA REPRESENTATIVE: C. Stiles START DATE 07-Nov-06 END DATE 07-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig
AUGER SIZE AND TYPE 4.25-Inch ID
OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer
ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	1 2 2	S-1	0' - 2'	4	1.1-ft	0.0'	**Topsoil** Brown f SAND, little(-) Silt, trace(+) mf subrounded Gravel, organics present (roots, root traces, humus), damp, no odors.	0.0 0.0	
2	7						**Fill Material**		
3	7 13 10	S-2	2' - 4'	23	1.6-ft	0.4' 0.5'	Gray mf angular GRAVEL and cmf SAND, damp, no odors. Brown cmf SAND, some mf(+) angular to subangular Gravel (Incl. Foundry Sand), damp, no odors.	0.0 0.0	
4	10						**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits**		
5	5 7 4	S-3	4' - 6'	11	1.1-ft	2.6' 2.7' 3.2'	Black cmf(+) SAND, some f subrounded GRAVEL, damp, no odors. Gray to brown SILT, damp, no odors. Gray to brownish-gray mf(+) SAND with fragments of a red sandstone Cobble @ 4.0-ft., damp to wet, no odors.	0.0 0.0	
6	8								
7	9 3 3	S-4	6' - 8'	6	1.3-ft.	6.0'	Gray Clayey SILT, trace(+) f Sand, trace f subrounded Gravel, trace(-) Peat, wet to saturated @ ~6.5', no odors.	0.0 0.0	
8	4								
9	1 2 7	S-5	8' - 10'	9	0.8-ft.	8.0' 8.7'	Gray mf(+) SAND, saturated, no odors. Gray mf(+) SAND, little(+) mf subrounded Gravel, saturated, no odors.	0.0	
10	9								
11	5 5 5	S-6	10' - 12'	10	0.7-ft.	10.0'	Gray mf(+) SAND, saturated, no odors.	0.0	
12	5								
13	15 17 20	S-7	12' - 14'	37	1.3-ft.	12.4' 12.5'	Dark grayish-brown SILT & CLAY, little Peat, saturated, no odors. Gray cmf SAND, some(+) mf subrounded Gravel, saturated, no odors.	0.0 0.0	
14	11								
15	1 1 3	S-8	14' - 16'	4	0.9-ft.	14.0' 14.5'	Gray mf(+) SAND, saturated, no odors. Gray cmf(+) SAND, little mf subrounded Gravel, saturated, no odors.	0.0	
16	4						*Bottom of Boring @ 16.0-feet BGS*		

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

NOTES: Originally logged as boring PB-18
' Native soil encountered @ 2.6-ft.

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-31** SHEET 1 OF 1 JOB # 206377 Phase 2 CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 06-Nov-06 END DATE 06-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	57 25 25	S-1	0' - 2'	50	1.3-ft.	0.0' 0.5'	**Fill Material** Asphalt Pavement - Not sampled. Gray mf angular GRAVEL, some(+) cmf Sand, trace Silt, slightly moist, no odors.	0.0 0.1	
2	30						**Fill Material Containing Slag**		
3	32 11 8	S-2	2' - 4'	19	0.9-ft	1.0' 2.0'	White crystalline Slag. Rust brown and black cmf angular to subangular GRAVEL and cmf SAND (All rust brown and black metallic Slag), damp to wet, no odors.	0.2	
4	8								
5	4 13 7	S-3	4' - 6'	20	0.8-ft.	4.0'	Dark brown mf(+) SAND, little mf angular to subangular Gravel, trace Silt (Incl. blue-green Slag and Ash), wet, moderate H_2S odor.	0.3	
6	7								
7	11 8 8	S-4	6' - 8'	16	0.7-ft.	6.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Dark grayish-brown cmf SAND, saturated, moderate H_2S odor. . . . . Grades To	0.2	
8	3						Grayish-brown vf SAND, (incl. Wood with no saw marks or creosote odor),		
9	3 3 3	S-5	8' - 10'	6	0.2-ft.	8.0'	saturated, slight H2S odor. Grayish-brown vf SAND, saturated, no odors.	0.2	
10	3								
11	3 3 10	S-6	10' - 12'	13	0.7-ft.	10.0'	Gray mf(+) SAND, saturated, no odors. . . . . Grades To . . . . Gray f SAND, saturated, no odors.	0.4	
12	10								
13	7 3 2	S-7	12' - 14'	5	1.0-ft.	12.0'	Gray mf SAND, saturated, no odors. . . . . Grades To . . . . Gray mf(+) SAND, saturated, no odors.	0.3	
14	7						. . . . Grades To		
15	1 1 2	S-8	14' - 16'	3	1.2-ft.	14.8'	Gray f-vf SAND, saturated, no odors. Gray SILT & CLAY, trace(+) vf Sand w/ thin interbeds of PEAT (<0.03-ft. thick), saturated, no odors.	0.1 0.0	
16	1								

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

Bottom of Boring @ 16.0-feet BGS

NOTES: Originally logged as boring PB-19

Native soil encountered between 4.8 & 6.0-ft. BGS.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Remedial Investigation
Proposed Port Marina: Port of Rochester
Rochester, New York

BORING **BS-32**
SHEET 1 OF 1
JOB # 206377 Phase 2
CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION
DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM
LABELLA REPRESENTATIVE: C. Stiles START DATE 09-Nov-06 END DATE 09-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig
AUGER SIZE AND TYPE 4.25-Inch ID
OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer
ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	50 22 12	S-1	0' - 2'	34	1.1-ft.	0.0' 0.5'	**Fill Material** Asphalt Pavement - Not sampled. Gray cmf angular GRAVEL, some(+) cmf$^{(+)}$ Sand, moist, no odors.	0.4 0.3	
2	9					1.3'	Tan and black cmf SAND, trace(+) f subangular Gravel (Incl. Bottom Ash & Cinders), moist to damp, no odors.		
3	7 11 6	S-2	2' - 4'	17	1.3-ft.	2.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Tan f SAND, damp, no odors.	0.1 0.2	
4	8						.... Grades To		
5	5 3 2	S-3	4' - 6'	5	0.0-ft.	4.0'	Tan mf SAND, damp, no odors. No recovery.	Not Available	
6	1								
7	4 7 11	S-4	6' - 8'	18	1.5-ft.	6.0'	Gray mf$^{(+)}$ SAND, saturated, no odors.	0.0 0.0	
8	12								
9	11 7 13	S-5	8' - 10'	20	1.1-ft.	8.0' 8.5' 8.9'	Gray cmf subrounded GRAVEL and cm$^{(+)}$f SAND, saturated, no odors. Gray mf$^{(+)}$ SAND, saturated, no odors. Gray mf SAND, some(+) mf subrounded Gravel, saturated, no odors.	0.2 0.0	
10	15								
11	6 8 9	S-6	10' - 12'	17	1.2-ft.	10.0'	Gray mf SAND, saturated, no odors. .... Grades To .... Gray mf SAND, saturated, no odors.	0.0 0.0	
12	12								
13	1 4 9	S-7	12' - 14'	13	1.3-ft.	12.0'	As above, saturated, no odors.	0.0 0.0	
14	10								
15	2 3 2	S-8	14' - 16'	5	0.0-ft.	14.0'	No recovery	Not Available	
16	2								

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

Bottom of Boring @ 16.0-feet BGS

NOTES: Originally logged as boring PB-20
Native soil encountered between 1.1 & 2.0-ft. BGS.

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-33** SHEET 1 OF 1 JOB # 206377 Phase 2 CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 09-Nov-06 END DATE 09-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	50 34 24	S-1	0' - 2'	58	1.3-ft.	0.0' 0.5'	**Fill Material** Asphalt Pavement - Not sampled. Gray cmf angular to subangular GRAVEL, some(+) cmf(+) Sand, slightly moist, no odors.	0.6 1.9	
2	10								
3	6 7 7	S-2	2' - 4'	14	1.8-ft.	1.0' 2.0'	Asphalt Pavement **Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Gray Clayey SILT, damp, no odors.	0.0 0.1	
4	8						. . . . Grades To		
5	2 8 8	S-3	4' - 6'	16	0.3-ft.	4.0'	Gray SILT, damp to wet, no odors. Gray cmf SAND, little(+) mf(+) subrounded Gravel, saturated, no odors.	0.0	
6	10								
7	10 12 13	S-4	6' - 8'	25	1.0-ft.	6.0'	Gray cmf subrounded to subangular GRAVEL and cmf SAND, saturated, no odors.	0.0	
8	13								
9	1 6 9	S-5	8' - 10'	15	1.1-ft.	8.0'	Gray mf(+) SAND, some(+) cmf subrounded Gravel, saturated, no odors.	0.0 0.0	
10	10								
11	3 6 18	S-6	10' - 12'	24	1.6-ft.	10.0' 11.4'	Gray mf(+) SAND with 1 piece of c subround Gravel @ 10.7-ft., saturated, no odor Gray mf(+) SAND, trace(+) f subrounded Gravel, saturated, no odor	0.0 0.0	
12	19								
13	1 8 8	S-7	12' - 14'	16	1.5-ft.	12.0' 12.3' 12.5' 13.3'	Gray mf(+) SAND, trace Clayey Silt, saturated, no odor Gray mf(+) SAND, some mf subrounded Gravel, saturated, no odor Gray mf SAND, saturated, no odor Gray SILT, trace vf Sand, saturated, no odors.	0.0 0.1	
14	8								
15	1 3 6	S-8	14' - 16'	9	0.8-ft.	14.0'	Gray mf SAND, trace(+) mf subrounded Gravel, saturated, no odors.	0.0	
16	7								

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

Bottom of Boring @ 16.0-feet BGS

NOTES: Originally logged as boring PB-21

Native soil encountered between 1.3 & 2.0-ft. BGS.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Remedial Investigation
Proposed Port Marina: Port of Rochester
Rochester, New York

BORING **BS-34**
SHEET 1 OF 1
JOB # 206377 Phase 2
CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co.
DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper)
LABELLA REPRESENTATIVE: C. Stiles
BORING LOCATION
GROUND SURFACE ELEVATION DATUM
START DATE 09-Nov-06 END DATE 09-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig
AUGER SIZE AND TYPE 4.25-Inch ID
OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer
ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	50	S-1	0' - 2'	59	1.8-ft.	0.0'	**Fill Material**	0.2	
	24						Asphalt Pavement - Not sampled.		
	35					0.6'	Gray cm$^{(+)}$f angular to subangular GRAVEL, some(+) cmf$^{(+)}$ Sand, slightly moist, no odors.	0.5	
2	40								
3	11	S-2	2' - 4'	58	1.5-ft.	1.0'	Gray cmf SAND, little mf angular to subrounded Gravel, moist, no odors.	0.0	
	20					1.4'	Concrete		
	38					2.0'	Black f SAND, some Silt, trace(+) mf$^{(+)}$ angular to subrounded Gravel, damp, very slight petroleum odor.	0.2	
4	22								
5	2	S-3	4' - 6'	10	1.3-ft.	2.3'	Gray mf$^{(+)}$ SAND, damp, no odors.	0.1	
	4						**Fill Material Containing Slag**		
	6					3.0'	Brown and blue-green cmf$^{(+)}$ SAND, some cmf angular to subrounded Gravel Incl. Slag), damp, no odors.	0.0	
6	5								
7	1	S-4	6' - 8'	7	1.4-ft.		**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits**	0.1	
	4					4.0'	Gray mf$^{(+)}$ SAND, some Clayey Silt, damp, no odors.		
	3					4.1'	Gray SILT, damp to wet, no odors.	0.0	
8	5					6.0'	As above, saturated, no odors.		
9	1	S-5	8' - 10'	5	1.3-ft.		. . . . Grades To	0.2	
	2						Gray Clayey SILT, trace Peat, saturated, no odors.		
	3					7.3'	PEAT	0.1	
10	4					7.35'	Gray mf SAND, saturated, no odors.		
11	1	S-6	10' - 12'	15	1.2-ft.	8.0'	Gray mf$^{(+)}$ SAND with PEAT intervals from 8.1 to 8.4-ft., 8.7 to 8.9' 9.0-ft (~0.02' thick) and 9.2-ft. (~0.04' thick), saturated, no odors.	0.1	
	5					10.0'	Gray mf$^{(+)}$ SAND, trace Peat, saturated, no odors.	0.1	
	10						. . . . Grades To		
12	10						Gray mf$^{(+)}$ SAND, saturated, no odor		
13	6	S-7	12' - 14'	16	1.0-ft.	12.9'	Gray c$^{(+)}$mf SAND, saturated, no odors.	0.1	
	6								
	10							0.0	
14	12								
15	1	S-8	14' - 16'	3	1.0-ft.	14.0'	Gray c$^{(+)}$mf SAND, little(-) mf$^{(+)}$ subrounded Gravel, saturated, no odors.	0.0	
	1						. . . . Grades To		
	2						Gray mf$^{(+)}$ SAND, saturated, no odors.	0.0	
16	12								

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

Bottom of Boring @ 16.0-feet BGS

NOTES: Originally logged as boring PB-22
Native soil encountered between 3.5 & 4.0-ft. BGS.

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-35** SHEET 1 OF 1 JOB # 206377 Phase 2 CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 09-Nov-06 END DATE 09-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	9 20 12	S-1	0' - 2'	32	1.0-ft.	0.0'	**Fill Material** Dark gray cmf angular to subangular GRAVEL and cmf SAND (Incl. Milled Asphalt), moist, no odors.	0.0	
2	12					0.4'	Brownish-gray cmf SAND, some(-) f subangular Gravel, moist, no odors.	9.4	
3	9 9 9	S-2	2' - 4'	18	1.5-ft.	0.6'	**Fill Material Containing Slag** Brownish-gray cmf angular to subangular GRAVEL, some(+) cmf Sand (Incl. blue green Slag), moist, no odors.	0.0	
4	10						**Fill Material**	0.1	
5	2 3 5	S-3	4' - 6'	8	1.2-ft.	2.0'	Brown to dark gray cmf SAND and mf(+) angular to subangular Gravel (Incl. Cinders w/trace Ash & Asphalt), moist to damp, no odors.	0.0	
6	6					4.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Light brown SILT, wet to saturated @ ~4.9-ft., no odors.	0.0	
7	5 5 5	S-4	6' - 8'	10	1.3-ft.	5.1' 6.0'	Dark gray mf(+) SAND, saturated, no odors. As above w/PEAT layer (~0.05-ft. thick) @ 7.0'), saturated, no odors.	0.1	
8	5							0.1	
9	5 4 5	S-5	8' - 10'	9	1.3-ft.	8.0' 9.0'	Wood (Apparently natural w/ no creosote odor and bark on bottom). Gray mf SAND, saturated, no odors.	0.2 0.1	
10	6								
11	2 7 14	S-6	10' - 12'	21	1.1-ft.	10.0'	Gray cm(+)f SAND, some(+) to and mf subrounded to subangular GRAVEL, saturated, no odors.	0.3	
12	16							0.5	
13	9 20 24	S-7	12' - 14'	44	1.6-ft.	12.0'	Gray mf SAND, saturated, no odor . . . . Grades To . . . . Gray mf(+) SAND, saturated, no odor	0.0 0.1	
14	27								
15							*Bottom of Boring @ 14.0-feet BGS Due to Running Sand*		
16									

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES: Originally logged as boring PB-23

10-ft. of running sand in augers when attempting to sample the 14 to 16-ft. interval

Native soil encountered between 3.5 & 4.0-ft. BGS.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-36** SHEET 1 OF 1 JOB # 206377 Phase 2 CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 09-Nov-06 END DATE 09-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	10 11 13	S-1	0' - 2'	24	1.5-ft.	0.0'	**Fill Material** Black to dark gray mf(+) angular GRAVEL and cmf SAND (Incl. Asphalt), slightly moist, no odors.	2.1	
2	16							0.7	
3	7 7 6	S-2	2' - 4'	13	1.3-ft.	0.3'	**Fill Material Containing Slag** Brown and blue-green mf(+) SAND, some cmf subangular Gravel (Incl. blue-green Slag), moist, no odors.	0.0	
4	8					1.1'	**Fill Material** Brown f SAND, little(+) mf subangular to angular Gravel (Incl. NO Slag), moist to damp, no odors.	0.0	
5	4 7 5	S-3	4' - 6'	12	1.5-ft.	2.0'	**Fill Material Containing Slag** As above with trace to trace(-) blue-green Slag composing the gravel fraction, damp to wet, no odors.	0.0	
6	4							0.0	
7	3 3 7	S-4	6' - 8'	10	1.4-ft.	3.25'	**Fill Material** Concrete fragments. **Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits**	0.0	
8	9					4.0'	Dark gray Clayey SILT, trace(-) c SAND, damp, no odors.	0.0	
9	13 11 10	S-5	8' - 10'	21	1.2-ft.		. . . . Grades To . . . . Gray SILT, trace vf Sand, wet, no odors. . . . . Grades To	0.0	
10	11						Gray Clayey SILT, saturated between 5.4 & 6.0-ft., no odors.	0.0	
11	1 11 10	S-6	10' - 12'	21	1.0-ft.	6.9' 7.1' 8.0'	Dark brown SILT & CLAY, little(+) Peat, saturated, no odors. Gray cm(+)f SAND, little(+) f subrounded GRAVEL, saturated, no odors. Gray mf(+) SAND, saturated, no odors.	0.0	
12	11					10.0'	Gray cmf SAND, some(-) f subrounded GRAVEL, saturated, no odors.	0.0	
13	1 1 16	S-7	12' - 14'	17	1.1-ft.	10.3' 12.0' 12.6'	Gray mf SAND w/ Wood (Apparently natural) @10.8-ft., saturated, no odors. Gray mf(+) SAND, saturated, no odors. Gray mf SAND, some(-) cmf(+) subrounded GRAVEL, saturated, no odors.	0.0	
14	16							0.0	
15	2 2 3	S-8	14' - 16'	5	1.4-ft.	14.0' 14.6'	Gray mf SAND, little mf subrounded GRAVEL, saturated, no odors. Gray f SAND w/ PEAT layer (~0.05-ft. thick) @ 14.9-ft., saturated, no odors	0.0	
16	4					14.95'	Gray mf(+) SAND, saturated, no odors.	0.0	

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

Bottom of Boring @ 16.0-feet BGS

NOTES: Originally logged as boring PB-24

Native soil encountered between 3.3 & 4.0-ft. BGS.

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-37** SHEET 1 OF 2 JOB # 206377 Phase 4 CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 10-Nov-06 END DATE 10-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	1 2 5 6	S-1	0' - 2'	7	1.5-ft.	0.0'	**Topsoil** Dark brown f SAND, little Silt, trace f subrounded Gravel, organics present (roots, root traces, humus), damp, no odors.	0.1 0.2	
2							**Fill Material Containing Slag**		
3	5 6 8 13	S-2	2' - 4'	14	1.2-ft.	0.5' 2.0' 3.0'	Brown mf(+) SAND, little Silt, little mf angular Gravel (Incl. <3% Slag), damp, no odors. As above, damp, no odors. Blue-green Slag with trace Ash, damp, no odors.	0.0 0.1	
4									
5	9 100/5"	S-3	4' - 6'	>100	0.3-ft.	4.0'	As above, damp to wet, no odors.	3.2	
6									
7	15 33 27 30	S-4	6' - 8'	60	1.7-ft.	6.0'	All blue-green SLAG (~90%) and Ash (~10%), partially fused, wet, no odors.	0.2 0.4	
8									
9	8 7 9 12	S-5	8' - 10'	16	0.4-ft.	8.0'	All ASH (~60%) and gray SLAG (~40%), partially fused, saturated, no odors.	0.1	
10									
11	7 8 100/4"	S-6	10' - 12'	>108	0.5-ft.	10.0'	As above, saturated, no odors.	0.1	
12									
13	13 11 15 12	S-7	12' - 14'	26	1.0-ft.	12.0'	Greenish-gray to gray cmf angular GRAVEL, some cmf Sand (All greenish-gray a gray Slag), saturated, H_2S odor.	0.9	
14									
15	7 7 13	S-8	14' - 16'	20	0.6-ft.	14.0'	As above, saturated, H_2S odor.	0.4	
16	14								

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

See Page 2 of 2

NOTES: Native soil encountered @ 18.55-ft. BGS

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-37** SHEET 2 OF 2 JOB # 206377 Phas CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 10-Nov-06 END DATE 10-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
17	7 7 13	S-9	16' - 18'	20	0.7-ft.	16.0'	**Fill Material Containing Slag** Greenish-gray to gray cmf angular GRAVEL, some cmf Sand (All greenish-gray a gray Slag), saturated, slight H_2S odor.	0.3	
18	5								
19	6 6 5	S-10	18' - 20'	11	0.6-ft.	18.0' 18.55'	As above, saturated, strong H_2S odor. **Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** PEAT, saturated, strong H2S odor.	0.1	
20	3								
21	2 2 2	S-11	20' - 22'	4	0.8-ft.	20.0' 20.6' 20.7'	As above, saturated, no odors. Brown vf SAND and Clayey SILT, saturated, no odors. PEAT, saturated, no odors.	0.0	
22	2								
23							*Bottom of Boring @ 22.0-feet BGS*		
24									
25									
26									
27									
28									
29									
30									
31									

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Remedial Investigation
Proposed Port Marina: Port of Rochester
Rochester, New York

BORING **BS-38**
SHEET 1 OF 2
JOB # 206377 Phase 4
CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co.
DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper)
LABELLA REPRESENTATIVE: C. Stiles

BORING LOCATION
GROUND SURFACE ELEVATION DATUM
START DATE 10-Nov-06 END DATE 10-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig
AUGER SIZE AND TYPE 4.25-Inch ID
OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer
ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	50 46 22	S-1	0' - 2'	68	1.5-ft.	0.0'	**Fill Material** Asphalt Pavement - Not sampled	0.9	
						0.5'	Gray cmf angular GRAVEL and cmf(+) Sand, moist, no odors.	0.4	
2	14						**Fill Material Containing Slag**		
3	9 9 9	S-2	2' - 4'	18	1.6-ft.	1.2'	Brown cmf(+) SAND, little Silt, little mf subangular to angular Gravel (Incl. Bottom Ash, w/ trace(-) Slag), moist, no odors.	0.1	
4	9					2.0'	Dark brown to brown SILT, trace vf Sand (Incl. trace Asphalt and trace(-) Ash and Slag), damp, no odors.	0.0	
5	4 11 7	S-3	4' - 6'	18	<0.1-ft.	4.0'	Dark brown to black mf(+) SAND and mf angular GRAVEL (Incl. Ash w/ black metallic Slag), damp, no odors.	0.0	
6	9								
7	20 22 30	S-4	6' - 8'	52	1.1-ft.	6.0'	Tan, gray and white cmf subangular to angular GRAVEL, some cmf(+) Sand, little(-) Silt (Approx. 50% Ash and 50% gray and white Slag), damp, no odors.	2.8	
8	20							5.3	
9	10 10 18	S-5	8' - 10'	28	1.1-ft.	8.0'	Gray cmf angular GRAVEL, some(+) cmf Sand, trace Silt (Approx. 85% gray Slag, 1% blue-green Slag, and 14% Ash), saturated, no odors.	0.3	
10	20							0.1	
11	20 14 7	S-6	10' - 12'	21	0.4-ft.	10.0'	Gray cmf angular GRAVEL, little(+) cm Sand, (All gray Slag), saturated, no odor	0.0	
12	5								
13	16 25 10	S-7	12' - 14'	35	0.5-ft.	12.0'	As above, saturated, no odors.	0.1	
14	10								
15	2 2 3	S-8	14' - 16'	5	0.0-ft.	14.0'	No Recovery.	Not Available	
16	4								

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

See Page 2 of 2

NOTES: Native soil encountered between 12.5 & 16.0-ft. BGS

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-38** SHEET 2 OF 2 JOB # 206377 Phas CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 10-Nov-06 END DATE 10-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	SAMPLE NO.	SAMPLE DEPTH (FT.)	SAMPLE N-VALUE /RQD(%)	SAMPLE RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
17	6 9 5 3	S-9	16' - 18'	14	0.7-ft.	16.0'	**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits** Grayish-brown to brownish-gray f-vf SAND, little Silt, saturated, no odors	0.0	
18							*Bottom of Boring @ 18.0-feet BGS*		
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C.
300 STATE STREET, ROCHESTER, NEW YORK
ENVIRONMENTAL ENGINEERING CONSULTANTS

PROJECT
Remedial Investigation
Proposed Port Marina: Port of Rochester
Rochester, New York

BORING **BS-39**
SHEET 1 OF 2
JOB # 206377 Phase 4
CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co.
DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper)
LABELLA REPRESENTATIVE: C. Stiles
BORING LOCATION
GROUND SURFACE ELEVATION DATUM
START DATE 10-Nov-06 END DATE 10-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig
AUGER SIZE AND TYPE 4.25-Inch ID
OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer
ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
1	50 39 18	S-1	0' - 2'	57	1.4-ft.	0.0'	**Fill Material** Asphalt Pavement - Not sampled	0.1	
2	10					0.5'	Gray cmf angular GRAVEL and cmf(+) Sand, moist, no odors. **Fill Material Containing Slag**	4.5	
3	7 5	S-2	2' - 4'	10	1.6-ft.	1.1'	Brown and gray SILT, some cmf(+) Sand, little mf(+) angular Gravel (Incl. Foundry Sand w/ trace Slag), damp, no odors.	0.1	
4	5 7					2.0'	Brown cmf(+) SAND, little(+) Silt, little mf(+) angular Gravel (Incl. trace(+) Foundry Sand and trace Slag), damp, no odors.	0.0	
5	11 12	S-3	4' - 6'	21	1.7-ft.	4.0'	Brown cm(+)f SAND, little mf angular to subangular Gravel (Approx. 80% Foundry Sand and 20% white, gray and rust brown Slag), damp, no odors.	7.6	
6	9 7							1.2	
7	6 4	S-4	6' - 8'	8	0.7-ft.	6.0'	Brown mf SAND, little(-) mf(+) angular to subangular Gravel (Approx. 60% Foundry Sand, 15% Slag and 25% Ash), wet, no odors.	0.1	
8	4 7								
9	28 25	S-5	8' - 10'	34	0.8-ft.	8.0'	Gray cmf angular GRAVEL, some cm Sand, trace Silt (All gray Slag), saturated, no odors.	0.5	
10	9 10								
11	7 9	S-6	10' - 12'	15	0.5-ft.	10.0'	As above, saturated, no odors.	1.4	
12	6 12								
13	11 9	S-7	12' - 14'	25	0.6-ft.	12.0'	As above, saturated, slight H_2S odor.	0.5	
14	16 11								
15	12 12	S-8	14' - 16'	27	1.0-ft.	14.0'	As above, saturated, very slight H_2S odor.	0.9	
16	15 17								

LEGEND
S - SPLIT SPOON SOIL SAMPLE
U - UNDISTURBED SOIL SAMPLE
C - ROCK CORE SAMPLE

See Page 2 of 2

NOTES: Native soil encountered between 16.2 & 18.0-ft. BGS
Monitoring well MW-BS39 installed within borehole BS-39

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	BORING **BS-39** SHEET 2 OF 2 JOB # 206377 Phas CHKD. BY:

CONTRACTOR: Nothnagle Drilling Co. BORING LOCATION

DRILLER Neill Smith (Driller) & Thomas Villekolp (Helper) GROUND SURFACE ELEVATION DATUM

LABELLA REPRESENTATIVE: C. Stiles START DATE 10-Nov-06 END DATE 10-Nov-06

TYPE OF DRILL RIG: CME Model 75 Truck-mounted Rotary Drill Rig

AUGER SIZE AND TYPE 4.25-Inch ID

OVERBURDEN SAMPLING METHOD 2" x 2' Split-spoon w/140# Hammer

ROCK DRILLING METHOD Not Applicable

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS

DEPTH	SAMPLE BLOWS / 6"	NO.	DEPTH (FT.)	N-VALUE /RQD(%)	RECOVERY (FEET)	DEPTH (Feet)	SAMPLE DESCRIPTION	PID READINGS	NOTES
17	5 4 4	S-9	16' - 18'	8	0.2-ft.	16.0'	**Fill Material Containing Slag** Gray cmf angular GRAVEL, some cm Sand, trace Silt (All gray Slag), saturated, very slight H_2S odor.	0.3	
18	5						**Mixed Lacustrine (Beach) & Alluvial (Deltaic) Deposits**		
19	1 1 1	S-10	18' - 20'	2	0.8-ft.	18.0'	PEAT, saturated, no odors.	0.2	
20	3								
21							*Bottom of Boring @ 20.0-feet BGS*		
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									

LEGEND

S - SPLIT SPOON SOIL SAMPLE

U - UNDISTURBED SOIL SAMPLE

C - ROCK CORE SAMPLE

NOTES:

GENERAL NOTES:

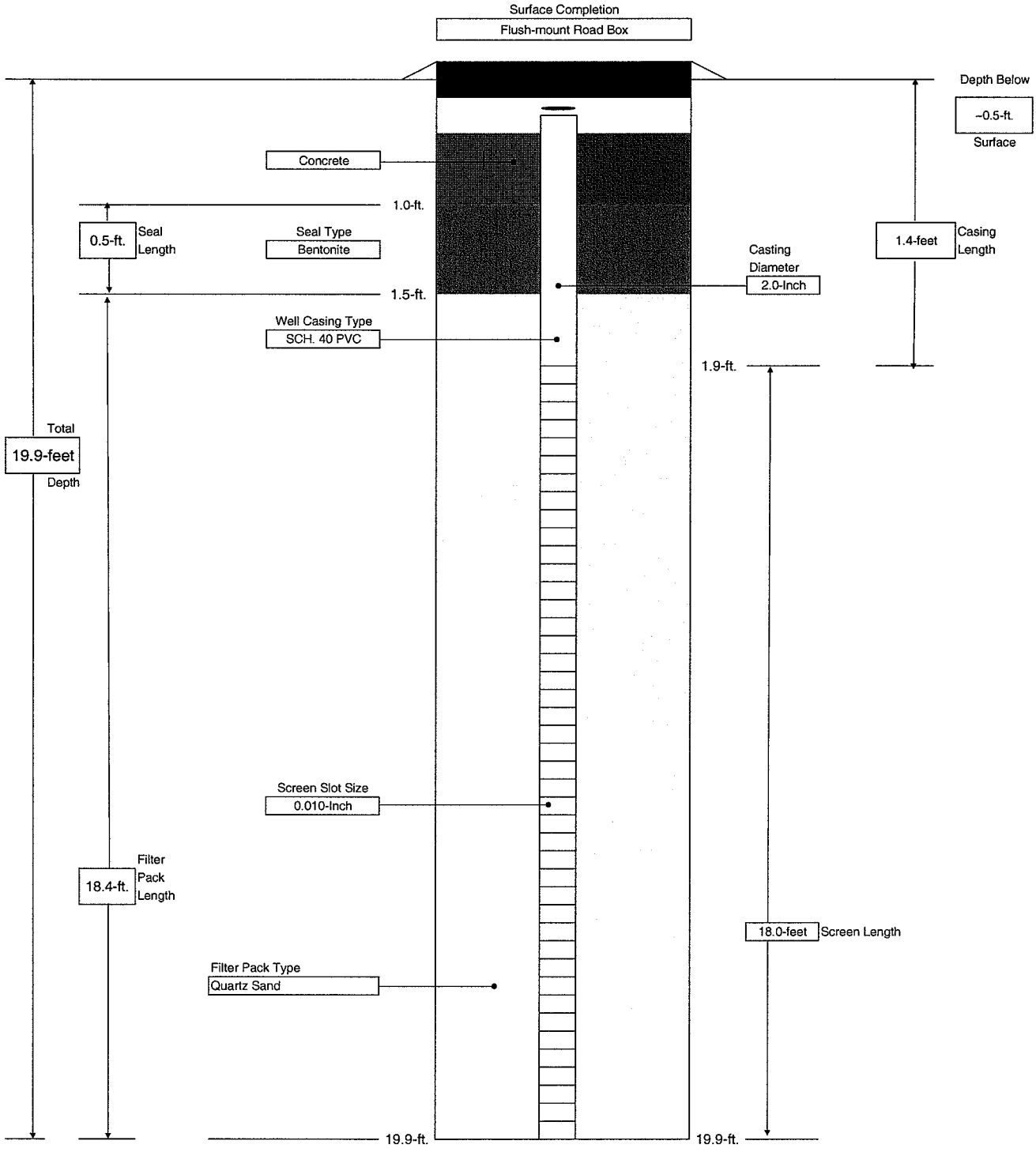
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	WELL ID **MW-BH6 (BH-6)** SHEET 1 OF 1 JOB # 206377 CHKD. BY:

CONTRACTOR:	Nothnagle Drilling Co.	BORING LOCATION	Proposed Port Marina Footprint		
DRILLER	Kevin Bush	GROUND SURFACE ELEVATION		DATUM	
LABELLA REPRESENTATIVE:	C. Stiles	START DATE	31-Aug-06	END DATE	31-Aug-06

TYPE OF DRILL RIG:	Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig
AUGER SIZE AND TYPE	4.25-Inch ID
OVERBURDEN SAMPLING METHOD	2" x 2' Split-spoon w/140# Hammer
ROCK DRILLING METHOD	N/A

WATER LEVEL DATA				
DATE	TIME	WATER	CASING	REMARKS



NOTE: NOT TO SCALE
ALL DIMENSIONS IN FEET UNLESS OTHERWISE INDICATED

Hole Diameter
2.25"

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

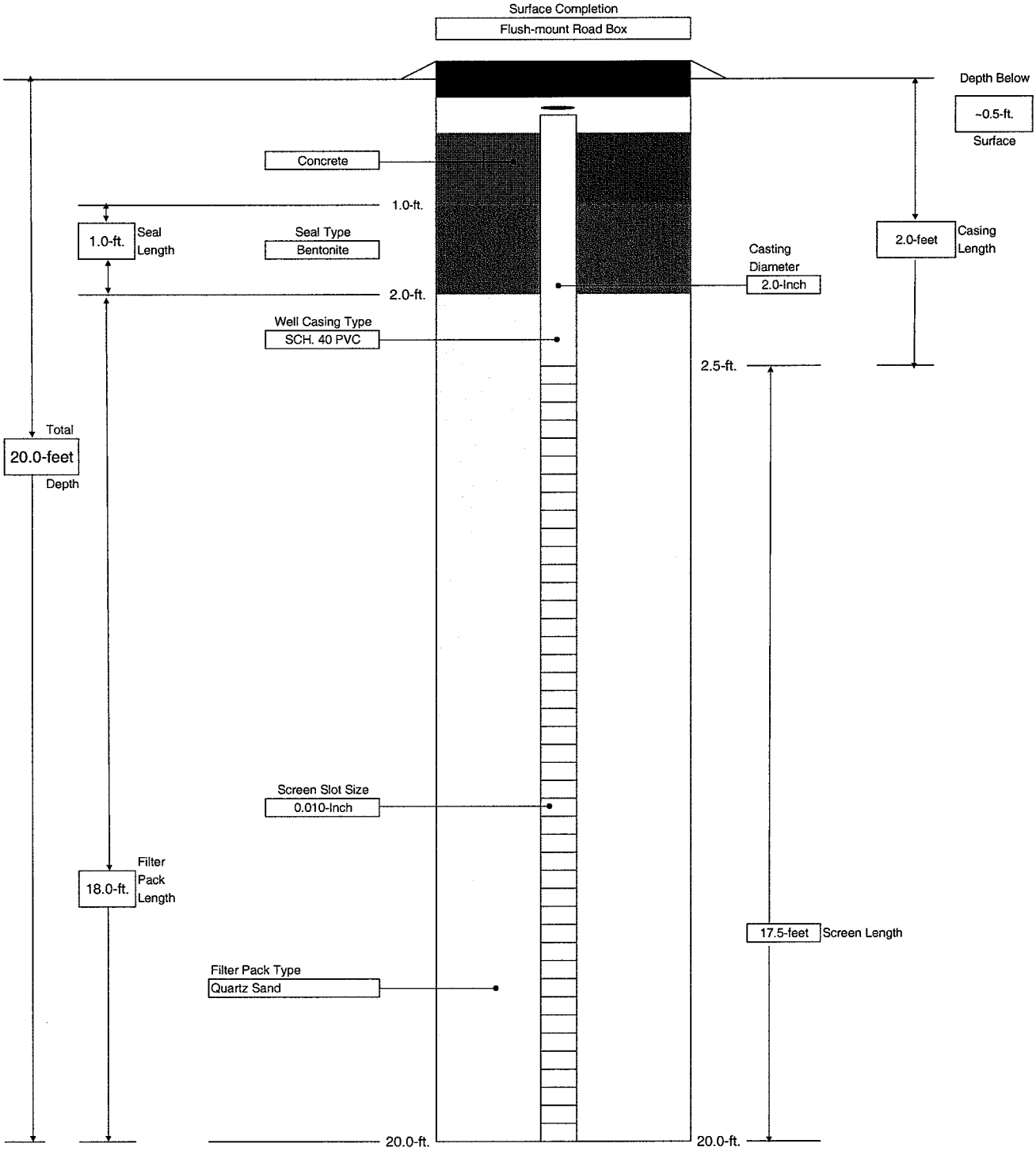
LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	WELL ID **MW-BS5 (BS-5)** SHEET 1 OF 1 JOB # 206377 CHKD. BY:

CONTRACTOR:	Nothnagle Drilling Co.	BORING LOCATION	Proposed Port Marina Footprint
DRILLER	Kevin Bush	GROUND SURFACE ELEVATION	DATUM
LABELLA REPRESENTATIVE:	C. Stiles	START DATE 01-Sep-06	END DATE 01-Sep-06

TYPE OF DRILL RIG:	Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig
AUGER SIZE AND TYPE	4.25-Inch ID
OVERBURDEN SAMPLING METHOD	2" x 2' Split-spoon w/140# Hammer
ROCK DRILLING METHOD	N/A

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS



NOTE: NOT TO SCALE
ALL DIMENSIONS IN FEET UNLESS OTHERWISE INDICATED

Hole Diameter
2.25"

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

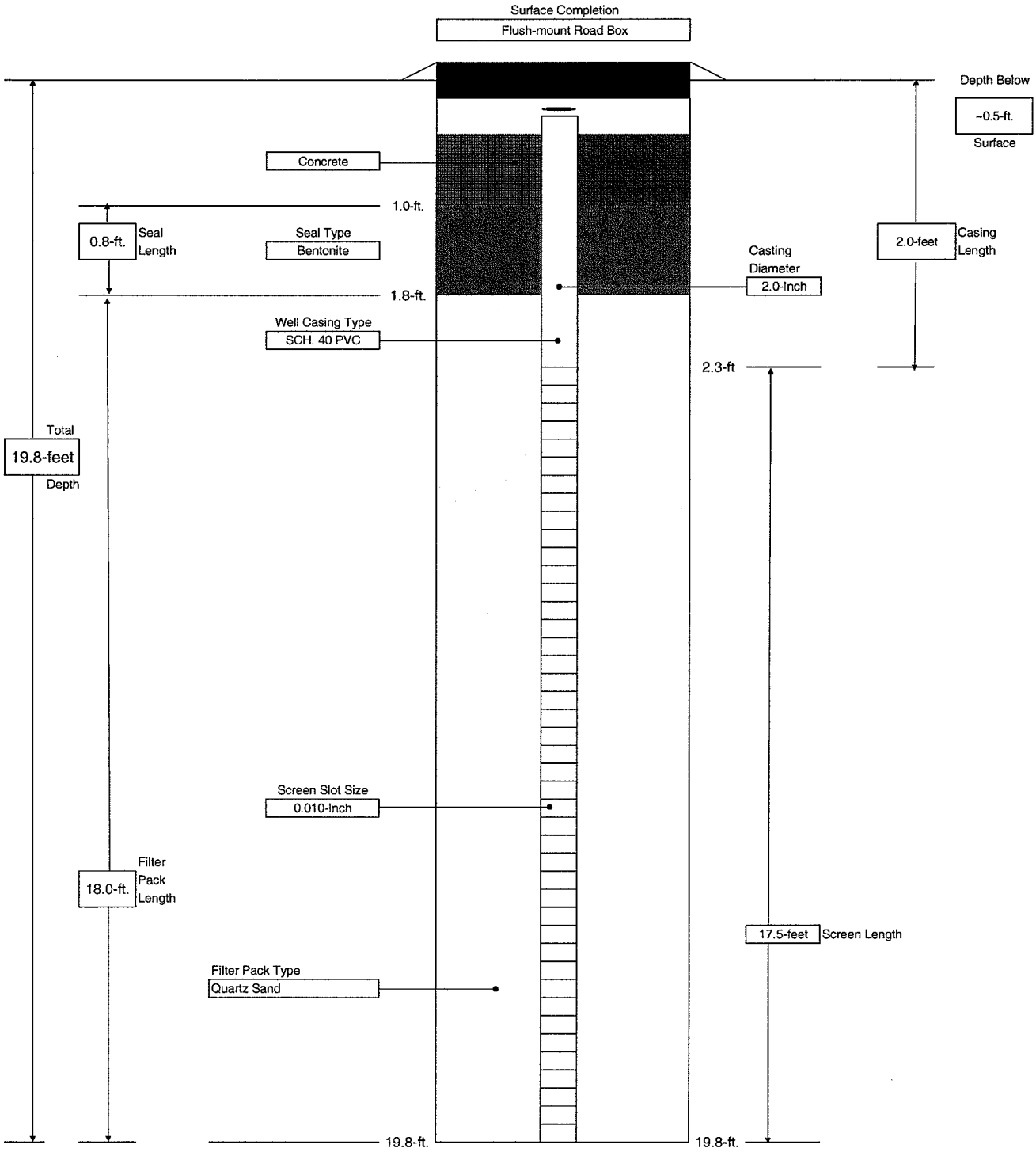
LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	WELL ID **MW-BS6 (BS-6)** SHEET 1 OF 1 JOB # 206377 CHKD. BY:

CONTRACTOR:	Nothnagle Drilling Co.	BORING LOCATION	Proposed Port Marina Footprint
DRILLER	Kevin Bush	GROUND SURFACE ELEVATION	DATUM
LABELLA REPRESENTATIVE:	C. Stiles	START DATE 05-Sep-06	END DATE 05-Sep-06

TYPE OF DRILL RIG:	Brainhard Kilmar BK-81 Truck-mounted Rotary Drill Rig
AUGER SIZE AND TYPE	4.25-Inch ID
OVERBURDEN SAMPLING METHOD	2" x 2' Split-spoon w/140# Hammer
ROCK DRILLING METHOD	N/A

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS



NOTE: NOT TO SCALE
ALL DIMENSIONS IN FEET UNLESS OTHERWISE INDICATED

Hole Diameter
2.25"

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

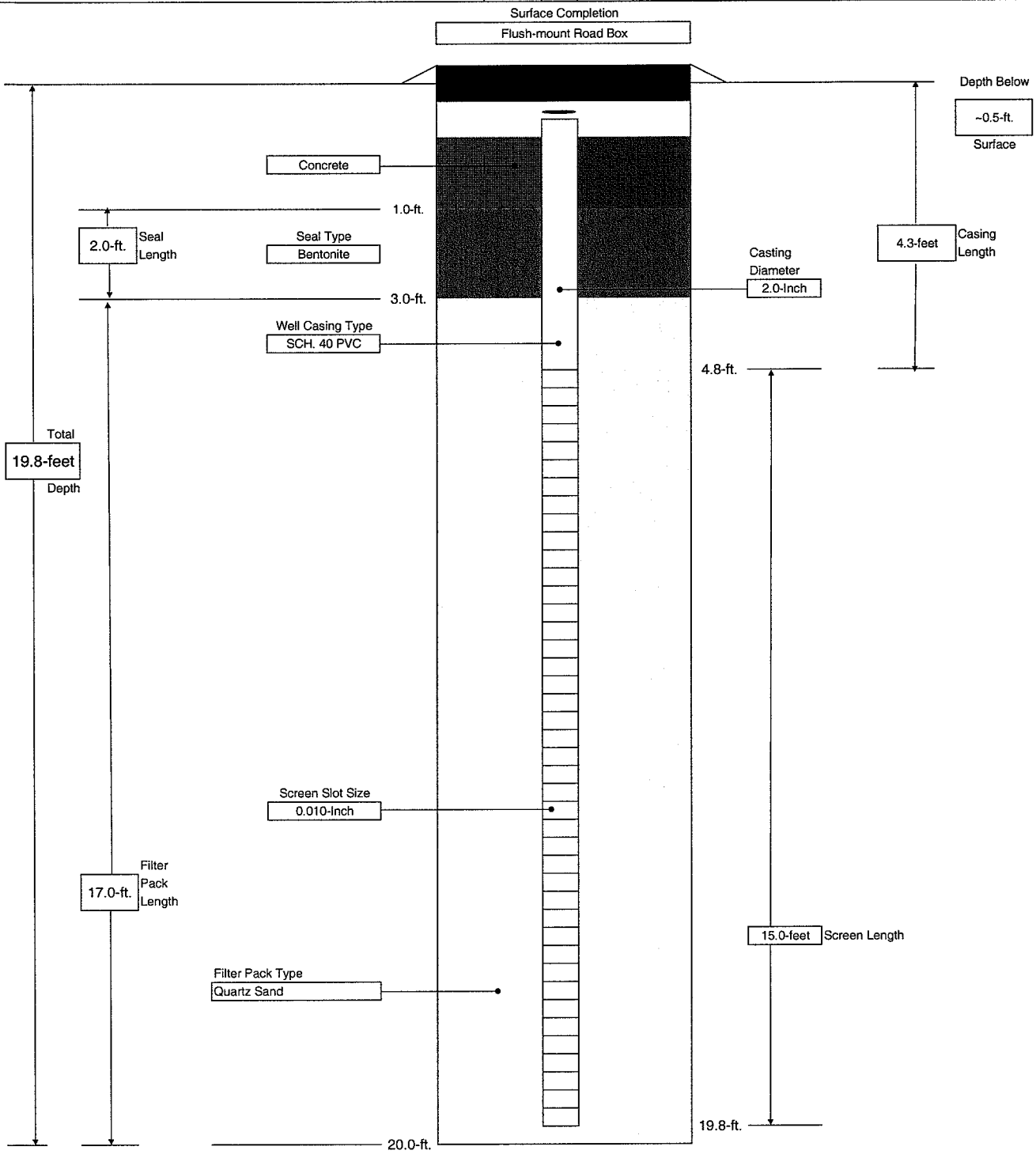
LABELLA Associates, P.C. 300 STATE STREET, ROCHESTER, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Remedial Investigation Proposed Port Marina: Port of Rochester Rochester, New York	WELL ID **MW-BS39 (BS-39)** SHEET 1 OF 1 JOB # 206377 CHKD. BY:

CONTRACTOR:	Nothnagle Drilling Co.	BORING LOCATION	Proposed Port Marina Parking Garage
DRILLER	Neill Smith	GROUND SURFACE ELEVATION	DATUM
LABELLA REPRESENTATIVE:	C. Stiles	START DATE 10-Nov-06	END DATE 10-Nov-06

TYPE OF DRILL RIG:	CME Model 75 Truck-mounted Rotary Drill Rig
AUGER SIZE AND TYPE	4.25-Inch ID
OVERBURDEN SAMPLING METHOD	2" x 2' Split-spoon w/140# Hammer
ROCK DRILLING METHOD	N/A

WATER LEVEL DATA

DATE	TIME	WATER	CASING	REMARKS



NOTE: NOT TO SCALE
ALL DIMENSIONS IN FEET UNLESS OTHERWISE INDICATED

GENERAL NOTES:

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
PH: (585) 454-6110 FAX: (585) 454-3066

GROUNDWATER DEVELOPMENT FORM

WELL I.D. MW-BS6

Project Name: Proposed Port Marina
Project No.: 206377 Phase 2a
Location: Port of Rochester, Rochester, New York
Development By: Craig A. Stiles
Date: September 7, 2006
Weather: Mostly Cloudy; ~68°F

PURGE VOLUME CALCULATION

Well Diameter: 2 -Inch
Static Water Level: 4.68 -Feet
Depth of Well: 18.65 -Feet
Single Well Volume: 2.3 -Gallons

PURGE & SAMPLING METHOD

☐ Bailer - Type: PVC -Dedicated
☐ Pump - Type
Sampling Device:
Pump Rate:

FIELD PARAMETER MEASUREMENTS

Time	Gallons Purged	pH	Temp (oC)	Conductivity (mS/cm)	Turbidity (NTU)		Comments
0915	~0.25	6.84	19.5	1.0740	<1,000		Turbid - Brownish-gray
0923	2.3	7.13	17.6	1.1520	<1,000		No photochromic sheen
0930	4.6	7.2	17.5	1.1600	<1,000		Slight to moderate H_2S odor
0937	6.9	7.24	17.5	1.1690	<1,000		
0945	9.2	7.24	17.5	1.1750	<1,000		
0951	11.5	7.25	17.6	1.1680	<1,000		
0959	13.8	7.26	17.7	1.1640	<1,000		
1007	16.1	7.24	17.6	1.1670	<1,000		
1013	18.4	7.25	17.7	1.1700	<1,000		
1042	20.7	7.28	17.9	1.1760	<1,000		
1050	23.0	7.27	17.7	1.1820	<1,000		

Total 22.5 -Gallons Purged
Purge Start Time: 0915
Purge End Time: 1050

OBSERVATIONS:

- Readings of pH & Specific Conductivity have stabilized, but no visual improvement in turbidity.
- 10 well volumes removed

Well Volume (1" well) = 0.0408-gal/ft.	Well Volume (4" well) = 0.65-gal/ft.
Well Volume (2" well) = 0.163-gal/ft.	

LABELLA Associates, P.C.

300 STATE STREET, ROCHESTER, NY
PH: (585) 454-6110 FAX: (585) 454-3066

GROUNDWATER SAMPLING FORM

WELL I.D. MW-BS6

Project Name: Proposed Port Marina
Project No.: 206377 Phase 2a
Location: Port of Rochester, Rochester, New York
Sampled By: Craig A. Stiles
Date: November 15, 2006
Weather: Partly cloudy; Light rain occurred overnight, ~48oF, NE Breeze

PURGE VOLUME CALCULATION

Well Diameter: 2.0 -Inch
Static Water Level: 4.75 -Feet
Depth of Well: 18.69 -Feet
Single Well Volume: 2.3 -Gallons

PURGE & SAMPLING METHOD

[X] Bailer - Type: PVC for VOCs
[X] Pump - Type Geo Peristaltic Model Dual HE
Sampling Device: Dedicated Bailer
Pump Rate: ~75 milliliters per minute

FIELD PARAMETER MEASUREMENTS

Time	Gallons Purged	pH	Temp (oC)	Conductivity (mS/cm)	Turbidity (NTU)	ORP (mV)	Comments
0944	~0.03	7.55	16.6	1.206	36.9	-205.0	Drawdown = 0.02-ft
0951	0.13	7.42	12.6	1.157	41.6	-233	
0958	0.26	7.59	12.6	1.136	38.1	-230	Drawdown = 0.04-ft
1004	0.40	7.65	12.4	1.137	37.4	-227	
1010	0.52	7.67	12.7	1.132	38.0	-234	Drawdown = 0.05-ft
1100	Post Sample	7.72	12.9	1.226	33.8	-243	

Total 0.52 -Gallons Purged
Purge Start Time: 0944
Purge End Time: 1010

WELL SAMPLING

Sample I.D. MW-BS6
Sample Time: 1100 (1220 for VOCs)
No. of Containers: 6
Sample Preservation: 4°C + HCl (VOCs) & HNO_3 (Metals)

Sampled For:
[X] VOCs - 8260B TCL
[X] SVOCs - 8270C TCL
[ ] VOCs - 8260B NYSDEC STARS Only
[X] ~~Total /~~Dissolved TAL Metals
[X] Pesticides
[X] PCBs

OBSERVATIONS:

- Purged with peristaltic pump using Low-Flow methodologies w/ Tubing dedicated to well for future reuse)
- Readings of pH, Specific Conductivity, and Dissolved O_2 have stabilized to ±10% and turbidity less then 50 NTUs.
- Purge water with moderate H_2S odor and no photochromic sheen.

Well Volume (1" well) = 0.0408-gal/ft.	Well Volume (4" well) = 0.65-gal/ft.
Well Volume (2" well) = 0.163-gal/ft.	

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GROUNDWATER DEVELOPMENT FORM

WELL I.D. MW-BH6

Project Name: Proposed Port Marina
Project No.: 206377 Phase 2a
Location: Port of Rochester, Rochester, New York
Development By: Craig A. Stiles
Date: September 7, 2006
Weather: Mostly Cloudy; ~68°F

PURGE VOLUME CALCULATION

Well Diameter: 2 -Inch
Static Water Level: 4.43 -Feet
Depth of Well: 19.38 -Feet
Single Well Volume: 2.4 -Gallons

PURGE & SAMPLING METHOD

☐ Bailer - Type: PVC -Dedicated
☐ Pump - Type
Sampling Device:
Pump Rate:

FIELD PARAMETER MEASUREMENTS

Time	Gallons Purged	pH	Temp (oC)	Conductivity (mS/cm)	Turbidity (NTU)		Comments
1100	~0.25	6.98	18.4	2.54	<1,000		Turbid - Gray
1106	2.4	7.07	17.7	2.42	<1,000		No photochromic sheen
1113	4.8	7.04	17.6	2.39	<1,000		Very slight H_2S odor
1120	7.2	7.03	17.6	2.37	<1,000		
1126	9.6	6.97	17.7	2.36	<1,000		
1133	12.0	6.96	17.8	2.36	<1,000		
1139	14.4	6.92	17.6	2.36	<1,000		
1158	16.8	6.98	18.2	2.40	<1,000		
1205	19.2	6.97	17.8	2.39	<1,000		
1213	21.6	6.99	17.7	2.40	<1,000		
1220	24.0	6.97	17.8	2.42	<1,000		

Total 24.0 -Gallons Purged Purge Start Time: 1100 Purge End Time: 1220

OBSERVATIONS:

- Readings of pH & Specific Conductivity have stabilized, but no visual improvement in turbidity.
- 10 well volumes removed

Well Volume (1" well) = 0.0408-gal/ft.	Well Volume (4" well) = 0.65-gal/ft.
Well Volume (2" well) = 0.163-gal/ft.	

LABELLA Associates, P.C.

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GROUNDWATER SAMPLING FORM

WELL I.D. MW-BH6

Project Name: Proposed Port Marina
Project No.: 206377 Phase 2a
Location: Port of Rochester, Rochester, New York
Sampled By: Craig A. Stiles
Date: November 15, 2006
Weather: Partly cloudy; Light rain occurred overnight, ~48oF, NE Breeze

PURGE VOLUME CALCULATION

Well Diameter: 2.0 -Inch
Static Water Level: 4.36 -Feet
Depth of Well: 19.42 -Feet
Single Well Volume: 2.5 -Gallons

PURGE & SAMPLING METHOD

[X] Bailer - Type: PVC for VOCs
[X] Pump - Type Geo Peristaltic Model Dual HE
Sampling Device: Dedicated Bailer
Pump Rate: ~60 milliliters per minute

FIELD PARAMETER MEASUREMENTS

Time	Gallons Purged	pH	Temp (oC)	Conductivity (mS/cm)	Turbidity (NTU)	ORP (mV)	Comments
1112	~0.03	7.13	14.6	2.38	14.3	-156.0	Drawdown = 0.03-ft
1117	0.08	7.10	14.5	2.40	17.9	-134.9	
1122	0.16	7.01	14.5	2.40	21.7	-128.4	Drawdown = 0.07-ft
1127	0.24	7.00	14.6	2.41	24.9	-122.7	
1132	0.32	7.03	14.5	2.43	25.6	-119.1	Drawdown = 0.08-ft
1225	Post Sample	7.09	14.2	2.39	34.0	-121.7	

Total 0.32 -Gallons Purged
Purge Start Time: 1112
Purge End Time: 1132

WELL SAMPLING

Sample I.D. MW-BH6
Sample Time: 1225 (1325 for VOCs)
No. of Containers: 6
Sample Preservation: 4°C + HCl (VOCs) & HNO_3 (Metals)

Sampled For:
[X] VOCs - 8260B TCL
[X] SVOCs - 8270C TCL
[ ] VOCs - 8260B NYSDEC STARS Only
[X] ~~Total~~/Dissolved TAL Metals
[X] Pesticides
[X] PCBs

OBSERVATIONS:

- Purged with peristaltic pump using Low-Flow methodologies w/ Tubing dedicated to well for future reuse)
- Readings of pH, Specific Conductivity, and Dissolved O_2 have stabilized to ±10% and turbidity less then 50 NTUs.
- Purge water with very slight H_2S odor and no photochromic sheen.

Well Volume (1" well) = 0.0408-gal/ft.	Well Volume (4" well) = 0.65-gal/ft.
Well Volume (2" well) = 0.163-gal/ft.	

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GROUNDWATER DEVELOPMENT FORM

WELL I.D. MW-BS5

Project Name: Proposed Port Marina
Project No.: 206377 Phase 2a
Location: Port of Rochester, Rochester, New York
Development By: Craig A. Stiles
Date: September 7, 2006
Weather: Mostly Cloudy; ~68°F

PURGE VOLUME CALCULATION

Well Diameter: 2 -Inch
Static Water Level: 5.26 -Feet
Depth of Well: 19.34 -Feet
Single Well Volume: 2.3 -Gallons

PURGE & SAMPLING METHOD

☐ Bailer - Type: PVC -Dedicated
☐ Pump - Type
Sampling Device:
Pump Rate:

FIELD PARAMETER MEASUREMENTS

Time	Gallons Purged	pH	Temp (oC)	Conductivity (mS/cm)	Turbidity (NTU)		Comments
1235	~0.25	6.66	20.1	2.42	<1,000		Turbid - Brown
1242	2.3	6.84	17.9	2.44	<1,000		No photochromic sheen
1250	4.6	6.96	18.2	2.45	<1,000		Moderate H_2S odor
1300	6.9	7.00	18	2.45	<1,000		
1324	9.2	7.04	18	2.48	<1,000		
1332	11.5	7.13	18.1	2.49	<1,000		
1340	13.8	7.17	18	2.49	<1,000		
1347	16.1	7.16	18.2	2.50	<1,000		
1353	18.4	7.19	18.1	2.49	<1,000		
1400	20.7	7.21	18.1	2.48	<1,000		
1407	23.0	7.19	18.2	2.49	<1,000		
1413	25.3	7.22	18.1	2.48	<1,000		

Total 25.3 -Gallons Purged Purge Start Time: 1235 Purge End Time: 14.13

OBSERVATIONS:

- Readings of pH & Specific Conductivity have stabilized, but no visual improvement in turbidity.
- 11 well volumes removed

Well Volume (1" well) = 0.0408-gal/ft.	Well Volume (4" well) = 0.65-gal/ft.
Well Volume (2" well) = 0.163-gal/ft.	

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GROUNDWATER SAMPLING FORM

WELL I.D. MW-BS5

Project Name: Proposed Port Marina
Project No.: 206377 Phase 2a
Location: Port of Rochester, Rochester, New York
Sampled By: Craig A. Stiles
Date: November 15, 2006
Weather: Partly cloudy; Light rain occurred overnight, ~48oF, NE Breeze

PURGE VOLUME CALCULATION

Well Diameter: 2.0 -Inch
Static Water Level: 6.03 -Feet
Depth of Well: 19.32 -Feet
Single Well Volume: 2.2 -Gallons

PURGE & SAMPLING METHOD

[X] Bailer - Type: PVC for VOCs
[X] Pump - Type Geo Peristaltic Model Dual HE
Sampling Device: Dedicated Bailer
Pump Rate: ~70 milliliters per minute

FIELD PARAMETER MEASUREMENTS

Time	Gallons Purged	pH	Temp (oC)	Conductivity (mS/cm)	Turbidity (NTU)	ORP (mV)	Comments
1235	~0.03	7.81	14.6	2.40	49.4	-78.1	Drawdown = 0.04-ft
1240	0.09	7.40	15.1	2.41	46.0	-84.1	
1245	0.18	7.36	14.7	2.43	42.9	-84.7	Drawdown = 0.05-ft
1250	0.28	7.39	15.0	2.42	44.6	-85.3	
1255	0.37	7.34	14.7	2.42	45.9	-84.7	Drawdown = 0.04-ft
1420	Post Sample	7.20	15.2	2.42	37.4	-73.9	

Total 0.37 -Gallons Purged
Purge Start Time: 1235
Purge End Time: 1255

WELL SAMPLING

Sample I.D. MW-BS5
Sample Time: 1420 (1525 for VOCs)
No. of Containers: 6
Sample Preservation: 4°C + HCl (VOCs) & HNO_3 (Metals)

Sampled For:
[X] VOCs - 8260B TCL
[X] SVOCs - 8270C TCL
[ ] VOCs - 8260B NYSDEC STARS Only
[X] ~~Total~~/Dissolved TAL Metals
[X] Pesticides
[X] PCBs

OBSERVATIONS:

- Purged with peristaltic pump using Low-Flow methodologies w/ Tubing dedicated to well for future reuse)
- Readings of pH, Specific Conductivity, and Dissolved O_2 have stabilized to ±10% and turbidity less then 50 NTUs.
- Purge water with slight H_2S odor and no photochromic sheen.

Well Volume (1" well) = 0.0408-gal/ft.	Well Volume (4" well) = 0.65-gal/ft.
Well Volume (2" well) = 0.163-gal/ft.	

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GROUNDWATER DEVELOPMENT FORM

WELL I.D. MW-BS39

Project Name: Proposed Port Garage
Project No.: 206377 Phase 4
Location: Port of Rochester, Rochester, New York
Development By: Craig A. Stiles
Date: November 13, 2006
Weather: Mostly Cloudy; ~68°F

PURGE VOLUME CALCULATION

Well Diameter: 2 -Inch
Static Water Level: 8.2 -Feet
Depth of Well: 19.50 -Feet
Single Well Volume: 1.8 -Gallons

PURGE & SAMPLING METHOD

☐ Bailer - Type: PVC -Dedicated
☐ Pump - Type
Sampling Device:
Pump Rate:

FIELD PARAMETER MEASUREMENTS

Time	Gallons Purged	pH	Temp (oC)	Conductivity (mS/cm)	Turbidity (NTU)		Comments
1340	~0.25	7.19	16.3	1.560	<1,000		Turbid - Brown (Foundry sand brown)
1345	1.8	7.05	16.6	1.724	<1,000		No photochromic sheen
1350	3.6	7.07	16.7	1.784	<1,000		Moderate to strong H_2S odor
1355	5.4	6.83	16.5	1.781	<1,000		
1400	7.2	6.7	16.6	1.789	<1,000		
1405	9.0	6.68	16.5	1.799	<1,000		
1410	10.8	6.71	16.6	1.816	<1,000		
1436	12.6	6.79	15.2	2.01	<1,000		
1444	14.4	6.84	16.3	1.900	<1,000		
1454	16.2	6.88	16.5	1.925	<1,000		
1500	18.0	6.91	16.6	2.02	<1,000		

Total 18.0 -Gallons Purged
Purge Start Time: 1340
Purge End Time: 1500

OBSERVATIONS:

- Readings of pH & Specific Conductivity have stabilized, but no visual improvement in turbidity.
- 10 well volumes removed

Well Volume (1" well) = 0.0408-gal/ft.	Well Volume (4" well) = 0.65-gal/ft.
Well Volume (2" well) = 0.163-gal/ft.	

LABELLA Associates, P.C.

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GROUNDWATER SAMPLING FORM

WELL I.D. MW-BH39

Project Name: Proposed Port Garage
Project No.: 206377 Phase 4
Location: Port of Rochester, Rochester, New York
Sampled By: Craig A. Stiles
Date: November 15, 2006
Weather: Partly cloudy; Light rain occurred overnight, ~48oF, NE Breeze

PURGE VOLUME CALCULATION

Well Diameter: 2.0 -Inch
Static Water Level: 8.19 -Feet
Depth of Well: 19.5 -Feet
Single Well Volume: 1.8 -Gallons

PURGE & SAMPLING METHOD

[X] Bailer - Type: PVC for VOCs
[X] Pump - Type Geo Peristaltic Model Dual HE
Sampling Device: Dedicated Bailer
Pump Rate: ~50 milliliters per minute

FIELD PARAMETER MEASUREMENTS

Time	Gallons Purged	pH	Temp (oC)	Conductivity (mS/cm)	Turbidity (NTU)	ORP (mV)	Comments
1430	~0.03	7.09	14.1	1.869	94.8	-172.8	Drawdown = 0.05-ft
1435	0.07	7.21	14.7	1.854	72.1	-195.6	
1440	0.13	7.27	14.3	1.870	58.4	-198.1	Drawdown = 0.05-ft
1445	0.20	7.25	14.6	1.881	48.4	-200	
1450	0.26	7.23	14.7	1.890	47.6	-198.6	Drawdown = 0.06-ft
1520	Post Sample	7.31	14.1	1.969	43.4	-213	

Total 0.26 -Gallons Purged
Purge Start Time: 1430
Purge End Time: 1450

WELL SAMPLING

Sample I.D. MW-BH39
Sample Time: 1520 (1620 for VOCs)
No. of Containers: 6
Sample Preservation: 4°C + HCl (VOCs) & HNO_3 (Metals)

Sampled For:
[X] VOCs - 8260B TCL
[X] SVOCs - 8270C TCL
[ ] VOCs - 8260B NYSDEC STARS Only
[X] ~~Total /~~Dissolved TAL Metals
[X] Pesticides
[X] PCBs

OBSERVATIONS:

- Purged with peristaltic pump using Low-Flow methodologies w/ Tubing dedicated to well for future reuse)
- Readings of pH, Specific Conductivity, and Dissolved O_2 have stabilized to ±10% and turbidity less then 50 NTUs.
- Purge water with moderate H_2S odor and no photochromic sheen.

Well Volume (1" well) = 0.0408-gal/ft.	Well Volume (4" well) = 0.65-gal/ft.
Well Volume (2" well) = 0.163-gal/ft.	

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Appendix 2

Hydraulic Conductivity Test Calculation Reports

SLUG TEST
Hydraulic Conductivity Calculation*

WELL **MW-BS39** TEST NUMBER/ID MW-BS39 Test #2
CLIENT/LOCATION City of Rochester DEQ - Proposed Port Garage Area Well
Names of data files MW-BS39 Slug Test
Test Date 27-Nov-06 Test Start Time 11:52:42 AM

(extra TL measurements not required)

	1st	(2nd)	(3d)	(4th)
Time Lag (TL) from Ho/H curve =	0.9131 sec	____ sec	____ sec	____ sec

Depth of well from ref. elev.= 19.50 (ft.) Stickup [ ] ft. above [ ] ft. below ground surface
Static water level from ref. elev.= 8.25 (ft.) Well is: [ ] fully [x] partially penetrating
Height of well bottom from bottom of aquifer (H) 35 (ft.)
For a well with screen and casing diameter of 2 in = 0.167 ft.

Length of well screen (le) = 15.00 ft
Radius of filter pack (ro) = 0.375 ft
Effective porosity of filter pack (n) = 0.30

CALCULATION:

Radius of well screen (ri) = 0.083 ft
Effective radius of borehole (rw) = 0.375 ft (if filter is much more permeable than aquifer)
Radius of influence of slug (R) = 3.08 ft
Length of water column (lw) = 11.25 ft

If filter is much more permeable than aquifer, and lw < le, calculate rc

rc = sqrt{ri x ri x (1-n) + ro x ro x n} rc = 0.217 ft

lw/rw = 30.000 le/rw = 40.00 A= 2.64 B = 0.421

for partially penetrating well use: (for lw<le) 1.1/ln(lw/rw) + {A+B x ln(H-lw]/rw)}/(lw/rw) = 0.47

ln(R/rw) = 1/{1.1/ln(lw/rw) + (A+Bln[(H-lw)/rw])/(lw/rw) = 2.105

for lw<le K = rc x rc x ln(R/rw)/(2 x lw x TL) (ft/sec)

RESULTS:

TL = 0.91309 sec		ave TL 0.91309	sec
K= 4.82E-03 ft/sec		4.82E-03	ft/sec
	Equivalent to Freeze and Cherry (1979) Karst Limestone		
K= 1.47E-01 cm/sec		1.47E-01	cm/sec

*Method: Bouwer and Rice (1976), Bouwer, Herman; Ground Water v. 27,no. 3, p.304;1989.

SLUG TEST

Hydraulic Conductivity Measurement, Rising Head Test

WELL **MW-BS39** TEST NUMBER/ID MW-BS39 Retest *

CLIENT/LOCATION City of Rochester DEQ / Proposed Port Garage Area Well

Name of data file MW-BS39 Slug Test

Test Date 27-Nov-06 Test Start Time 11:52:42

Type of Test: **rising head test**

Static Water Level from ref. elev. =	8.25 feet	Test Section Length =	15 feet
Riser Diameter =	2.0 inches	Anisotropy Factor (m) =	1
Volume of Bailer =	122 cu. in.	Initial Drawdown =	1.22 feet
Screen and casing diameter =	2.0 inches		

Time (mins.)	Depth (feet)	H (feet)	Ho/H (ft./ft.)
0.0250	9.47	1.22	1.00
0.0333	9.28	1.03	1.18
0.0417	9.04	0.79	1.54
0.0500	8.67	0.42	2.90
0.0583	8.45	0.20	6.10
			1.00
			1.00
			1.00
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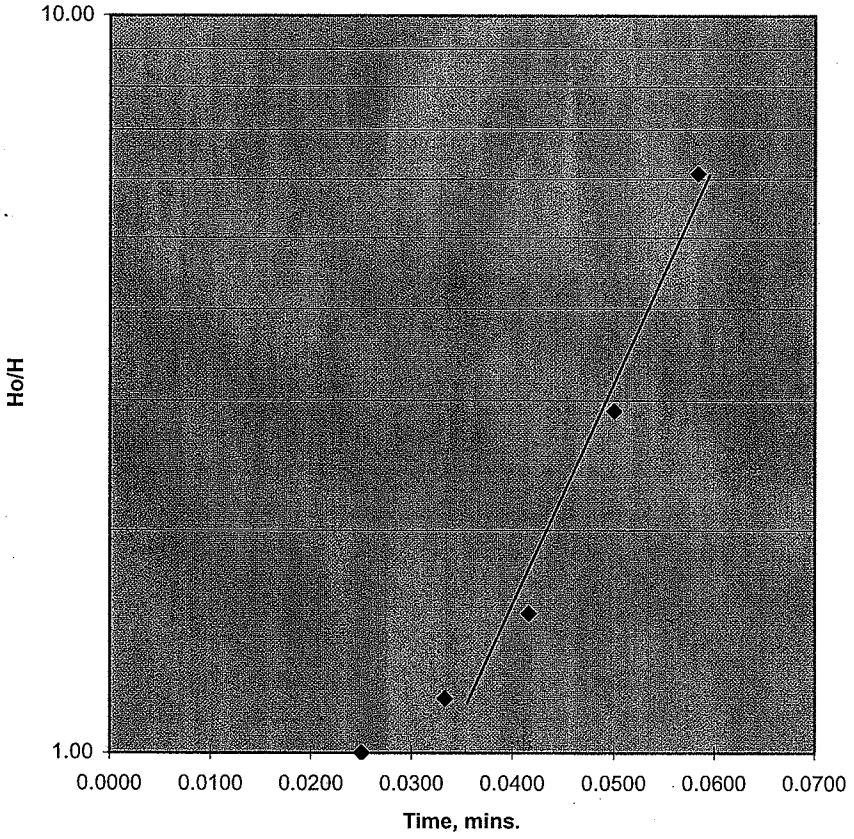


Use graph to obtain Ho/H value to use for slope

(Ho/H)(2)	t(2)	(Ho/H)(1)	t(1)
1.18	0.033 mins.	6.1	0.058 mins.

TL = [t(2)-t(1)]/[ln(Ho/H)(2)-ln(Ho/H)(1)] = **0.0152 mins.**

Note: A retest was conducted for the slug test of MW-BS39 because the initial test recovered to static conditions within 1.5-seconds which did not provide enough data points for hydraulic conductivity evaluation. For the retest, two (2) bailers tued in series were used for the slug.

SLUG TEST
Hydraulic Conductivity Calculation*

WELL **MW-BS5** TEST NUMBER/ID MW-BS5 Test #1
CLIENT/LOCATION City of Rochester DEQ - Proposed Port Marina Area Well
Names of data files MW-BS5 Slug Test
Test Date 27-Nov-06 Test Start Time 12:26:21 PM

(extra TL measurements not required)

	1st	(2nd)	(3d)	(4th)
Time Lag (TL) from Ho/H curve =	0.0829 sec	____ sec	____ sec	____ sec

Depth of well from ref. elev.= 19.50 (ft.) Stickup [ ] ft. above [ ] ft. below ground surface
Static water level from ref. elev.= 6.05 (ft.) Well is: [ ] fully [x] partially penetrating
Height of well bottom from bottom of aquifer (H) 35 (ft.)
For a well with screen and casing diameter of 2 in = 0.167 ft.

Length of well screen (le) = 17.50 ft
Radius of filter pack (ro) = 0.375 ft
Effective porosity of filter pack (n) = 0.30

CALCULATION:

Radius of well screen (ri) = 0.083 ft
Effective radius of borehole (rw) = 0.375 ft (if filter is much more permeable than aquifer)
Radius of influence of slug (R) = 3.61 ft
Length of water column (lw) = 13.45 ft

If filter is much more permeable than aquifer, and lw < le, calculate rc

rc = sqrt{ri x ri x (1-n) + ro x ro x n} rc = 0.217 ft

lw/rw = 35.867 le/rw = 46.67 A= 2.78 B = 0.448

for partially penetrating well use: (for lw<le) 1.1/ln(lw/rw) + {A+B x ln(H-lw]/rw)}/(lw/rw) = 0.44

ln(R/rw) = 1/{1.1/ln(lw/rw) + (A+Bln[(H-lw)/rw])/(lw/rw) = 2.265

for lw<le K = rc x rc x ln(R/rw)/(2 x lw x TL) (ft/sec)

RESULTS:

TL = 0.082869 sec ave TL 0.082869 sec

K= 4.78E-02 ft/sec 4.78E-02 ft/sec

Equivalent to Freeze and Cherry (1979) Karst Limestone

K= 1.46E+00 cm/sec 1.46E+00 cm/sec

*Method: Bouwer and Rice (1976), Bouwer, Herman; Ground Water v. 27,no. 3, p.304;1989.

SLUG TEST

Hydraulic Conductivity Measurement, Rising Head Test

WELL **MW-BS5** TEST NUMBER/ID MW-BS5

CLIENT/LOCATION City of Rochester DEQ / Proposed Port Marina Area Well

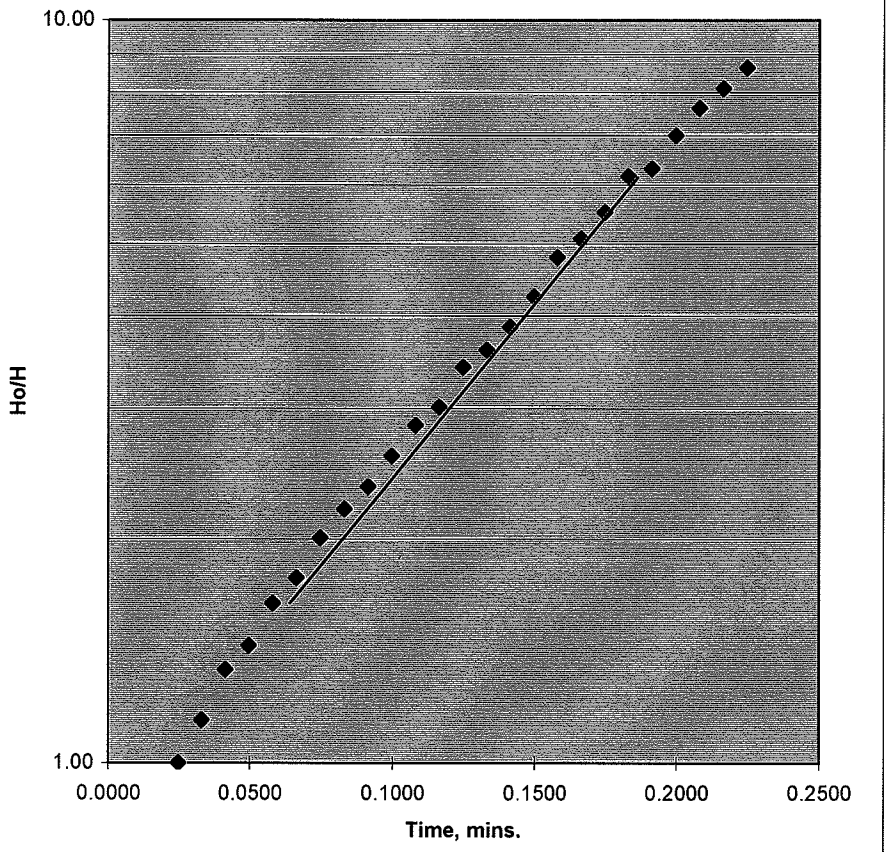
Name of data file MW-BS5 Slug Test

Test Date 27-Nov-06 Test Start Time 12:26:21 PM

Type of Test: **rising head test**

Static Water Level from ref. elev. =	6.05 feet	Test Section Length =	17.5 feet
Riser Diameter =	2.0 inches	Anisotropy Factor (m) =	1
Volume of Bailer =	122 cu. in.	Initial Drawdown =	2.59 feet
Screen and casing diameter =	2.0 inches		

Time (mins.)	Depth (feet)	H (feet)	Ho/H (ft./ft.)
0.0250	8.64	2.59	1.00
0.0333	8.32	2.27	1.14
0.0417	7.99	1.94	1.34
0.0500	7.85	1.80	1.44
0.0583	7.63	1.58	1.64
0.0667	7.51	1.46	1.77
0.0750	7.34	1.29	2.01
0.0833	7.23	1.18	2.19
0.0917	7.15	1.10	2.35
0.1000	7.05	1.00	2.59
0.1083	6.96	0.91	2.85
0.1167	6.91	0.86	3.01
0.1250	6.81	0.76	3.41
0.1333	6.77	0.72	3.60
0.1417	6.72	0.67	3.87
0.1500	6.66	0.61	4.25
0.1583	6.59	0.54	4.80
0.1667	6.56	0.51	5.08
0.1750	6.52	0.47	5.51
0.1833	6.47	0.42	6.17
0.1917	6.46	0.41	6.32
0.2000	6.42	0.37	7.00
0.2083	6.39	0.34	7.62
0.2167	6.37	0.32	8.09
0.2250	6.35	0.30	8.63
0.2333	6.31	0.26	9.96
0.2417	6.3	0.25	10.36
0.2500	6.27	0.22	11.77



Use graph to obtain Ho/H value to use for slope

(Ho/H)(2)	t(2)	(Ho/H)(1)	t(1)
1.52	0.064 mins.	6.2	0.180 mins.

TL = [t(2)-t(1)]/[ln(Ho/H)(2)-ln(Ho/H)(1)] = **0.0829 mins.**

SLUG TEST

Hydraulic Conductivity Calculation*

WELL **MW-BH6** TEST NUMBER/ID MW-BH6 Test #1

CLIENT/LOCATION City of Rochester DEQ - Proposed Port Marina Area Well

Names of data files MW-BH6 Slug Test

Test Date 27-Nov-06 Test Start Time 12:58:11 PM

(extra TL measurements not required)

	1st	2nd	3d	4th
Time Lag (TL) from Ho/H curve =	0.0855 sec	sec	sec	sec

Depth of well from ref. elev.= 19.40 (ft.) Stickup [ ] ft. above [ ] ft. below ground surface

Static water level from ref. elev.= 4.26 (ft.) Well is: [ ] fully [x] partially penetrating

Height of well bottom from bottom of aquifer (H) 35 (ft.)

For a well with screen and casing diameter of 2 in = 0.167 ft.

Length of well screen (le) = 18.00 ft

Radius of filter pack (ro) = 0.375 ft

Effective porosity of filter pack (n) = 0.30

CALCULATION:

Radius of well screen (ri) = 0.083 ft

Effective radius of borehole (rw) = 0.375 ft (if filter is much more permeable than aquifer)

Radius of influence of slug (R) = 4.10 ft

Length of water column (lw) = 15.14 ft

If filter is much more permeable than aquifer, and lw < le, calculate rc

rc = sqrt{ri x ri x (1-n) + ro x ro x n} rc = 0.217 ft

lw/rw = 40.373 le/rw = 48.00 A= 2.81 B = 0.454

for partially penetrating well use: (for lw<le) 1.1/ln(lw/rw) + {A+B x ln(H-lw]/rw)}/(lw/rw) = 0.42

ln(R/rw) = 1/{1.1/ln(lw/rw) + (A+Bln[(H-lw)/rw])/(lw/rw) = 2.392

for lw<le K = rc x rc x ln(R/rw)/(2 x lw x TL) (ft/sec)

RESULTS:

TL = 0.085467 sec ave TL 0.085467 sec

K= 4.35E-02 ft/sec 4.35E-02 ft/sec

Equivalent to Freeze and Cherry (1979) Karst Limestone

K= 1.33E+00 cm/sec 1.33E+00 cm/sec

*Method: Bouwer and Rice (1976), Bouwer, Herman; Ground Water v. 27,no. 3, p.304;1989.

SLUG TEST

Hydraulic Conductivity Measurement, Rising Head Test

WELL **MW-BH6** TEST NUMBER/ID MW-BH6

CLIENT/LOCATION City of Rochester DEQ / Proposed Port Marina Area Well

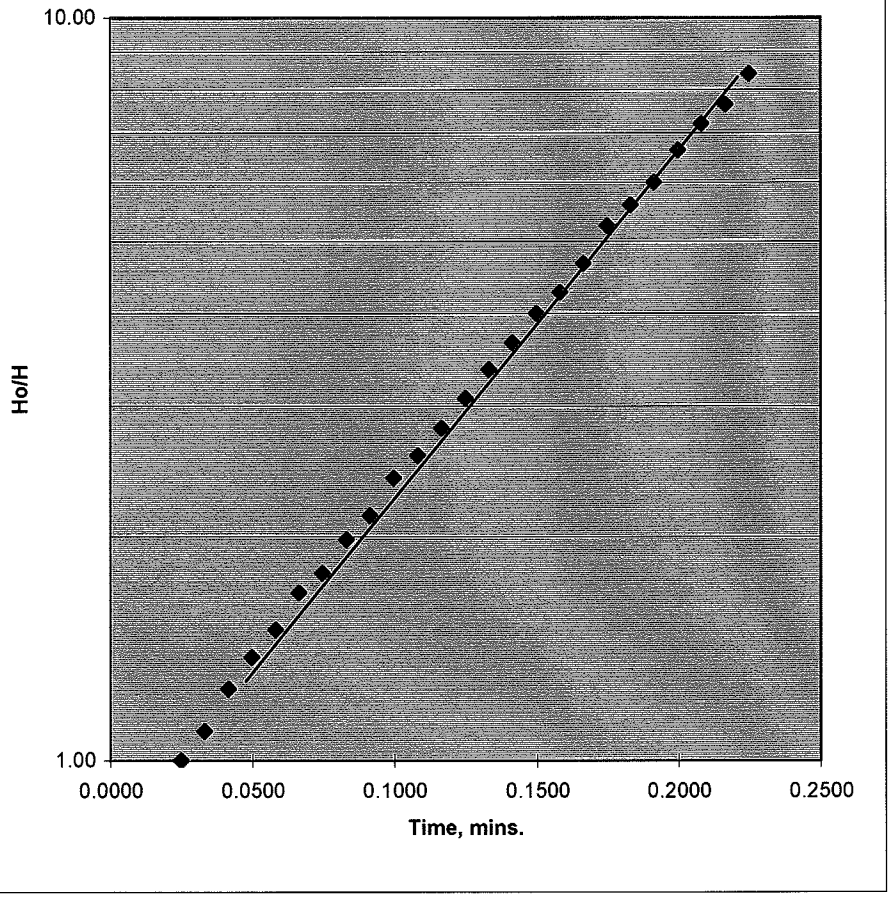
Name of data file MW-BH6 Slug Test

Test Date 27-Nov-06 Test Start Time 12:58:11 PM

Type of Test: **rising head test**

Static Water Level from ref. elev. =	4.26 feet	Test Section Length =	18 feet
Riser Diameter =	2.0 inches	Anisotropy Factor (m) =	1
Volume of Bailer =	122 cu. in.	Initial Drawdown =	2.52 feet
Screen and casing diameter =	2.0 inches		

Time (mins.)	Depth (feet)	H (feet)	Ho/H (ft./ft.)
0.0250	6.78	2.52	1.00
0.0333	6.56	2.30	1.10
0.0417	6.28	2.02	1.25
0.0500	6.09	1.83	1.38
0.0583	5.94	1.68	1.50
0.0667	5.76	1.50	1.68
0.0750	5.67	1.41	1.79
0.0833	5.53	1.27	1.98
0.0917	5.44	1.18	2.14
0.1000	5.31	1.05	2.40
0.1083	5.24	0.98	2.57
0.1167	5.16	0.90	2.80
0.1250	5.08	0.82	3.07
0.1333	5.01	0.75	3.36
0.1417	4.95	0.69	3.65
0.1500	4.89	0.63	4.00
0.1583	4.85	0.59	4.27
0.1667	4.80	0.54	4.67
0.1750	4.74	0.48	5.25
0.1833	4.71	0.45	5.60
0.1917	4.68	0.42	6.00
0.2000	4.64	0.38	6.63
0.2083	4.61	0.35	7.20
0.2167	4.59	0.33	7.64
0.2250	4.56	0.30	8.40
0.2333	4.54	0.28	9.00
0.2417	4.52	0.26	9.69
0.2500	4.50	0.24	10.50



Use graph to obtain Ho/H value to use for slope

(Ho/H)(2)	t(2)	(Ho/H)(1)	t(1)
1.23	0.047 mins.	9.3	0.220 mins.

TL = [t(2)-t(1)]/[ln(Ho/H)(2)-ln(Ho/H)(1)] = **0.0855 mins.**

LABELLA
LaBella Associates, P.C.
300 State Street
Rochester, New York 14614

Appendix 3
Analytical Data Reports

SEVERN TRENT STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A06-A083,A06-A169,A06-A171,A06-A316

STL Project#: NY2A8951.6
SDG#: A083
Site Name: LaBella Associates
Task: Proposed Port Marina

Mr. Dan Noll
LaBella Associates
300 State St. Suite 201
Rochester, NY 14614

STL Buffalo

Jason R. Kacalski
Project Manager

09/29/2006

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6A08310	BH-4(1.2-1.5&2-3.5)	SOIL	08/29/2006	09:35	09/01/2006	17:20
A6A08311	BH-5	SOIL	08/29/2006	11:35	09/01/2006	17:20
A6A08312	BH-6	SOIL	08/31/2006	10:29	09/01/2006	17:20
A6A16902	BS-1 (2-3.5)	SOIL	09/01/2006	07:16	09/06/2006	09:01
A6A16904	BS-10 (.6-1.3)	SOIL	09/01/2006	10:55	09/06/2006	09:01
A6A08304	BS-11(0.0-1.4)	SOIL	08/31/2006	14:35	09/01/2006	17:20
A6A08305	BS-12(0.4-0.6)	SOIL	08/30/2006	14:20	09/01/2006	17:20
A6A16903	BS-2 (2-2.4)	SOIL	09/01/2006	08:23	09/06/2006	09:01
A6A08301	BS-3(1.1-1.7)	SOIL	08/29/2006	15:22	09/01/2006	17:20
A6A08302	BS-4(1.0-1.5)	SOIL	08/29/2006	13:12	09/01/2006	17:20
A6A16906	BS-5 COMP 1	SOIL	09/01/2006	12:05	09/06/2006	09:01
A6A16906MS	BS-5 COMP 1	SOIL	09/01/2006	12:05	09/06/2006	09:01
A6A16906SD	BS-5 COMP 1	SOIL	09/01/2006	12:05	09/06/2006	09:01
A6A16907	BS-5 COMP 2	SOIL	09/01/2006	12:33	09/06/2006	09:01
A6A16907FD	BS-5 COMP 2	SOIL	09/01/2006	12:33	09/06/2006	09:01
A6A31602	BS-5 COMP 2	SOIL	09/01/2006	12:47	09/06/2006	09:01
A6A16905	BS-6 (2-2.7)	SOIL	09/01/2006	10:20	09/06/2006	09:01
A6A17101	BS-7 (8.0-9.2)	SOIL	08/30/2006	12:55	09/06/2006	09:01
A6A08306	BS-7(1-1.5 & 2-2.8)	SOIL	08/30/2006	12:27	09/01/2006	17:20
A6A08308	BS-7(4-5.5 & 6-7.6)	SOIL	08/30/2006	12:35	09/01/2006	17:20
A6A08303	BS-8(2.0-2.5)	SOIL	08/30/2006	10:43	09/01/2006	17:20
A6A17102	BS-9 (14-15)	SOIL	08/30/2006	09:20	09/06/2006	09:01
A6A08307	BS-9(2-3.2 & 4-4.6)	SOIL	08/30/2006	08:38	09/01/2006	17:20
A6A08309	BS-9(6.0-6.9)	SOIL	08/30/2006	08:50	09/01/2006	17:20
A6A08313	FIELD BLANK	WATER	08/29/2006	13:00	09/01/2006	17:20
A6A08314	TRIP BLANK	WATER	08/31/2006	17:00	09/01/2006	17:20
A6A16901	Trip Blank	WATER	09/01/2006	06:45	09/06/2006	09:01

METHODS SUMMARY

Job#: A06-A083,A06-A169,A06-A171,A06-A316

STL Project#: NY2A8951.6
SDG#: A083
Site Name: LaBella Associates

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL PLUS STARS VOLATILE ORGANICS	SW8463 8260
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
METHOD 8260 - TCL VOLATILE ORGANICS + STARS	SW8463 8260
METHOD 8270 - SOIL - STARS BASE NEUTRAL COMPOUNDS	SW8463 8270
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
METHOD 8081 - TCL PESTICIDES	SW8463 8081
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Arsenic - Total	SW8463 6020
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Lead - Total	SW8463 6020
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Mercury - Total	SW8463 7471
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010
Cyanide - Total	SW8463 9012
Cyanide - Total	SW8463 9012A
SGT Total Petroleum Hydrocarbons	MCAWW 1664 SGT
Total Carbon	OTHER KAHN

References:

MCAWW "Methods for Chemical Analysis of Water and Wastes",EPA/600/4-79-020 (Mar 1983) with updates and supplements EPA/600/4-91-010 (Jun 1991), EPA/600/R-92-129 (Aug 1992) and EPA/600/R-93-100 (Aug 1993)

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

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-A083,A06-A169,A06-A171,A06-A316

STL Project#: NY2A8951.6
SDG#: A083
Site Name: LaBella Associates

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-A083
Sample Cooler(s) were received at the following temperature(s); 4.0 °C
Lab to composite volatile soils samples by point.

All soil volumes have been sent to VOAS first. Once they are complete with their composite these samples will be available for prep/analyses by all other lab groups. Each group will need to composite by point.

A06-A169
Sample Cooler(s) were received at the following temperature(s); 4.0 °C
LAB: Please composite volume for samples 06, 06MS, 06MSD, 07, and 07FD prior to analysis.

TICS are not required for samples 01,07, and 07FD.

A06-A171
Sample Cooler(s) were received at the following temperature(s); 4.0 °C
All samples were received in good condition.

A06-A316
Sample Cooler(s) were received at the following temperature(s); 4.0 °C
All samples were received in good condition.

GC/MS Volatile Data

The analytes 2-Hexanone and Methylene Chloride were detected in the soil Method Blank VBLK13 (A6B2606403) 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.

All aqueous, field generated, Quality Control samples were associated with soil samples. Therefore, all aqueous samples were analyzed as soils and evaluated using soil Quality Control Limits. The analytes 2-Hexanone and Methylene Chloride were detected in the water Method Blank VBLK13 (A6B2606402) at a level above the project established reporting limit. All associated positve hits have been qualified "B".

The analyte Trichlorofluoromethane was detected in Method Blanks VBLK96 (A6B2597702) and VBLK97 (A6B2602902) 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 Methylene Chloride was detected in Method Blanks VBLK96 (A6B2597702) and VBLK97 (A6B2602902) at a level above the project established reporting limit. The associated samples had levels of Methylene Chloride less than ten times that of the Method Blank value. All sample detections for Methylene Chloride may potentially be due to laboratory contamination and should be evaluated accordingly. All associated sample detections were qualified with a "B".

Initial calibration standard curve A6I0001903-1 exhibited the %RSD of several compounds as greater than 15%. However, the mean RSD of all compounds is 10.69%.

Initial calibration standard curve A6I0001917-1 exhibited the %RSD of several compounds as greater than 15%. However, the mean RSD of all compounds is 9.78%.

Initial calibration standard curve A6I0001928-1 exhibited the %RSD of several compounds as greater than 15%. However, the mean RSD of all compounds is 8.04%.

All water samples were preserved to a pH less than 2.

All soil samples were composited in the laboratory, prior to analysis.

The analytes Bromodichloromethane and Chloroform were detected in the Trip Blank (A6A08314) at a level above the reporting limit. The analytes Acetone and Dibromochloromethane were detected in the Trip Blank (A6A08314) at a level below the project established reporting limit. Chloroform and Bromodichloromethane were not detected in any of the associated samples.

The analytes Acetone, Bromodichloromethane, Chloroform , Dibromochloromethane and Methylene Chloride were detected in the Trip Blank (A6A16901) at a level above the reporting limit. Bromodichloromethane, Chloroform and Dibromochloromethane were not detected in any of the associated samples.

GC/MS Semivolatile Data

The analyte Di-n-octyl phthalate was detected in Method Blank SBLK03 at a concentration below the project established reporting limit. The positive result for this analyte in sample, Field Blank, has been flagged accordingly. No further corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

Linear regression was used to calibrate all analytes that had a percent Relative Standard Deviation (%RSD) of greater than 15% in the initial calibration A6I00001891. No further corrective action was required.

Initial calibration standard curve A6I0001925 exhibited a percent relative Standard Deviation (%RSD) for the compounds 4-Nitrophenol, 2,4-Dinitrophenol, and Pentachlorophenol of greater than 15%. However, the mean RSD of all compounds is 7.84%. No further corrective action was required.

Linear regression was used to calibrate the compound 2,4-Dinitrophenol that had a percent Realtive Standard Deviation (%RSD) of greater than 15% in the initial calibration A6I0001891. No further corrective action was required.

For method 8270, the compounds 2,4-Dinitrophenol, 4-Nitrophenol, and /or Pentachlorophenol (PCP) exhibited percent Difference (%D) of greater than 20% for PCP and 40% for 2,4-Dinitrophenol and 4-Nitrophenol in the continuing calibration verifications. No further corrective action was taken and all samples are non-detect for these analyte(s).

GC Extractable Data

For method 8081, samples BS-5Comp 1, Matrix Spike and Spike Duplicate required dilution prior to analysis due to the heavy matrix present. The surrogate and spike recoveries are diluted out of all sample extracts with a dilution factor of 10X or greater.

For method 8082, Aroclor 1260 exhibited a percent difference greater than 15% from the expected amount in the associated continuing calibrations. The average of all analytes is within 15% and the associated laboratory quality control recoveries are compliant. No corrective action was required.

For method 8081, several compounds exhibited a percent difference greater than 15% from the expected amount in the associated continuing calibrations. The average of all analytes is within 15% and the associated laboratory quality control recoveries are compliant. No corrective action was required.

For method 8081, all water samples were re-extracted out of holding time due to low spike recoveries in the Matrix Spike Blank for several compunds, and contain the suffix "RE" in the STL sample number. Both sets of data are reported, and all data is to be considered estimated.

For method 8081 and 8082, all soil sample extracts and associated quality control required treatment with Copper prior to analysis due to the presence of elemental Sulfur.

Metals Data

The recoveries of sample BS-5 COMP 1 Matrix Spike exhibited results below the quality control limits for Aluminum, Calcium, Iron, Magnesium, Manganese, and Zinc. The recoveries of sample BS-5 COMP 1 Matrix Spike Duplicate exhibited results above the quality control limits for Aluminum, and below the quality control limits for Calcium, Iron, Manganese and Zinc. The sample result is more than four times greater than the spike added. The RPD of sample BS-5 COMP 1 Matrix Spike and Matrix Spike Duplicate exceeded the quality control limits for Aluminum, Iron, Magnesium, and Zinc. The LCS is acceptable.

The recoveries of sample BS-5 COMP 1 Matrix Spike exhibited results below the quality control limits for Antimony and Selenium. The recovery of sample BS-5 COMP 1 Matrix Spike Duplicate exhibited results above the quality control limits for Barium and below the quality control limits for Antimony, Arsenic, Cadmium, Chromium, Nickel, Selenium, Sodium and Thallium. Sample matrix is suspect. The RPD of sample BS-5 COMP 1 Matrix Spike and Matrix Spike Duplicate exceeded the quality control limits for Barium, Chromium, Nickel, Selenium, and Sodium. However, the LCS was acceptable.

The CCB, analyzed at 15:50, exhibited results above the detection limit for Iron. However, the samples were bracketed by compliant CCB's, therefore, no corrective action was necessary.

The recoveries of sample BS-5 COMP 1 exhibited results below the quality control limits for Aluminum, Iron, Manganese and Zinc. However, the LCS was acceptable.

The Serial Dilution of sample BS-1 (2-3.5) exceeded the quality control limits for Beryllium, Chromium, Lead, and Nickel. However, the Post Spike of this sample was compliant.

The Serial Dilution of sample BS-5 COMP 1 exceeded the quality control limits for Aluminum, Barium, Beryllium, Chromium, Cobalt, Copper, Iron, Lead, Magneisum, Manganese, Nickel, Vanadium, and Zinc. However, the LCS was acceptable.

The CRI, analyzed at 15:15, exhibited results above the quality control limits for Iron. However, the samples were bracketed by compliant CRI's, therefore, no corrective action was necessary.

Wet Chemistry Data

The recovery of sample BS-5 COMP 1 Matrix Spike exhibited results below the quality control limits for Total Cyanide. The recovery of sample BS-5 COMP 1 Matrix Spike Duplicate exhibited results below the quality control limits for Total Cyanide. However, the LCS was acceptable.

The relative percent difference between the Matrix Spike and Matrix Spike duplicate exceed quality control limits for Total Cyanide on sample BS-5 COMP 1.

Total Organic Carbon was subcontracted to STL Burlington. The complete subcontract report is included in this report as Appendix A. Comments pertaining to Total Organic Carbon 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.

Date: 09/29/2006
Time: 20:13:48

Dilution Log w/Code Information
For Project NY2A8951.6, SDG A083

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
BS-7(1-1.5 & 2-2.8)	A6A08306	Iron - Total	10.00	008
BS-7(1-1.5 & 2-2.8)	A6A08306	Manganese - Total	10.00	008
BS-9(2-3.2 & 4-4.6)	A6A08307	Calcium - Total	5.00	008
BH-5	A6A08311	8270	5.00	012
BS-1 (2-3.5)	A6A16902	Zinc - Total	5.00	008
BS-5 COMP 1	A6A16906	8081	10.00	002
BS-5 COMP 1	A6A16906	Calcium - Total	5.00	008
BS-5 COMP 1	A6A16906MS	8081	10.00	002
BS-5 COMP 1	A6A16906MS	Calcium - Total	5.00	008
BS-5 COMP 1	A6A16906SD	8081	10.00	002
BS-5 COMP 1	A6A16906SD	Calcium - Total	5.00	008

Dilution Code Definition:

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

The requested project specific reporting limits listed below were less than STL's standard quantitation limits. It must be noted that results reported below STL's standard quantitation limit (PQL) may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Parameter	Unit	Client DL	STL PQL
KAHN	Total Carbon	MG/KG	0.50	500

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
BH-4(1.2-1.5&2-3.	A6A08310	SW8463	SW8463	-	SW8463	SW8463	-	MCAWW
BH-5	A6A08311	SW8463	SW8463	-	SW8463	SW8463	-	MCAWW
BH-6	A6A08312	SW8463	SW8463	-	SW8463	SW8463	-	MCAWW
BS-1 (2-3.5)	A6A16902	-	-	-	-	SW8463	-	-
BS-10 (.6-1.3)	A6A16904	-	-	-	-	SW8463	-	-
BS-11(0.0-1.4)	A6A08304	-	-	-	-	SW8463	-	-
BS-12(0.4-0.6)	A6A08305	-	-	-	-	SW8463	-	-
BS-2 (2-2.4)	A6A16903	-	-	-	-	SW8463	-	-
BS-3(1.1-1.7)	A6A08301	-	-	-	-	SW8463	-	-
BS-4(1.0-1.5)	A6A08302	-	-	-	-	SW8463	-	-
BS-5 COMP 1	A6A16906	SW8463	SW8463	-	SW8463	SW8463	-	SW8463
BS-5 COMP 2	A6A16907	SW8463	SW8463	-	SW8463	-	-	OTHER
BS-6 (2-2.7)	A6A16905	-	-	-	-	SW8463	-	-
BS-7 (8.0-9.2)	A6A17101	-	-	-	-	-	-	OTHER
BS-7(1-1.5 & 2-2.	A6A08306	SW8463	SW8463	-	SW8463	SW8463	-	SW8463
BS-7(4-5.5 & 6-7.	A6A08308	SW8463	SW8463	-	SW8463	-	-	SW8463
BS-8(2.0-2.5)	A6A08303	-	-	-	-	SW8463	-	-
BS-9 (14-15)	A6A17102	-	-	-	-	-	-	OTHER
BS-9(2-3.2 & 4-4.	A6A08307	SW8463	SW8463	-	SW8463	SW8463	-	SW8463

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
BH-4(1.2-1.5&2-3.5)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BH-5	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BH-6	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-1 (2-3.5)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-10 (.6-1.3)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-11(0.0-1.4)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-12(0.4-0.6)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-2 (2-2.4)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-3(1.1-1.7)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-4(1.0-1.5)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-5 COMP 1	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-5 COMP 2	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-6 (2-2.7)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-7 (8.0-9.2)	SOIL	OTHER	OTHER	AS REQUIRED	AS REQUIRED
BS-7(1-1.5 & 2-2.8)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-7(4-5.5 & 6-7.6)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-8(2.0-2.5)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-9 (14-15)	SOIL	OTHER	OTHER	AS REQUIRED	AS REQUIRED
BS-9(2-3.2 & 4-4.6)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-9(6.0-6.9)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED

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.

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METHOD 8260 - TCL PLUS STARS VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BH-4(1.2-1.5&2-3.5)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08310

Sample wt/vol: 5.04 (g/mL) G Lab File ID: Q4966.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2006 09/01/2006

% Moisture: not dec. 8 Heated Purge: Y Date Analyzed: 09/08/2006

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
67-64-1	Acetone	27	U
71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	27	U
75-15-0	Carbon Disulfide	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	5	U
110-82-7	Cyclohexane	5	U
106-93-4	1,2-Dibromoethane	5	U
124-48-1	Dibromochloromethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	27	U
98-82-8	Isopropylbenzene	5	U
79-20-9	Methyl acetate	5	U
108-87-2	Methylcyclohexane	5	U
75-09-2	Methylene chloride	7	B

LABELLA ASSOCIATES
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METHOD 8260 - TCL PLUS STARS VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BH-4(1.2-1.5&2-3.5)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08310

Sample wt/vol: 5.04 (g/mL) G Lab File ID: Q4966.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2006 09/01/2006

% Moisture: not dec. 8 Heated Purge: Y Date Analyzed: 09/08/2006

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
108-10-1	4-Methyl-2-pentanone	27	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
79-01-6	Trichloroethene	5	U
108-05-4	Vinyl acetate	27	U
75-01-4	Vinyl chloride	11	U
1330-20-7	Total Xylenes	16	U
103-65-1	n-Propylbenzene	5	U
99-87-6	p-Cymene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
104-51-8	n-Butylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
98-06-6	tert-Butylbenzene	5	U
91-20-3	Naphthalene	5	U

LABELLA ASSOCIATES
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METHOD 8260 - TCL PLUS STARS VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: BH-5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08311

Sample wt/vol: 5.00 (g/mL) G Lab File ID: Q4967.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2006 09/01/2006

% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 09/08/2006

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
67-64-1	Acetone	14	J
71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	31	U
75-15-0	Carbon Disulfide	6	U
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	6	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	31	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	6	U
108-87-2	Methylcyclohexane	6	U
75-09-2	Methylene chloride	9	B

LABELLA ASSOCIATES
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METHOD 8260 - TCL PLUS STARS VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BH-5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08311

Sample wt/vol: 5.00 (g/mL) G Lab File ID: Q4967.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2006 09/01/2006

% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 09/08/2006

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
108-10-1	4-Methyl-2-pentanone	31	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	6	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
108-05-4	Vinyl acetate	31	U
75-01-4	Vinyl chloride	12	U
1330-20-7	Total Xylenes	18	U
103-65-1	n-Propylbenzene	6	U
99-87-6	p-Cymene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
104-51-8	n-Butylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
98-06-6	tert-Butylbenzene	6	U
91-20-3	Naphthalene	6	U

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METHOD 8260 - TCL PLUS STARS VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: BH-6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08312

Sample wt/vol: 5.09 (g/mL) G Lab File ID: Q4968.RR

Level: (low/med) LOW Date Samp/Recv: 08/31/2006 09/01/2006

% Moisture: not dec. 57 Heated Purge: Y Date Analyzed: 09/08/2006

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
67-64-1	Acetone	14	J
71-43-2	Benzene	11	U
75-27-4	Bromodichloromethane	11	U
75-25-2	Bromoform	11	U
74-83-9	Bromomethane	11	U
78-93-3	2-Butanone	57	U
75-15-0	Carbon Disulfide	11	U
56-23-5	Carbon Tetrachloride	11	U
108-90-7	Chlorobenzene	11	U
75-00-3	Chloroethane	11	U
67-66-3	Chloroform	11	U
74-87-3	Chloromethane	11	U
110-82-7	Cyclohexane	11	U
106-93-4	1,2-Dibromoethane	11	U
124-48-1	Dibromochloromethane	11	U
96-12-8	1,2-Dibromo-3-chloropropane	11	U
95-50-1	1,2-Dichlorobenzene	11	U
541-73-1	1,3-Dichlorobenzene	11	U
106-46-7	1,4-Dichlorobenzene	11	U
75-71-8	Dichlorodifluoromethane	11	U
75-34-3	1,1-Dichloroethane	11	U
107-06-2	1,2-Dichloroethane	11	U
75-35-4	1,1-Dichloroethene	11	U
156-59-2	cis-1,2-Dichloroethene	11	U
156-60-5	trans-1,2-Dichloroethene	11	U
78-87-5	1,2-Dichloropropane	11	U
10061-01-5	cis-1,3-Dichloropropene	11	U
10061-02-6	trans-1,3-Dichloropropene	11	U
100-41-4	Ethylbenzene	11	U
591-78-6	2-Hexanone	57	U
98-82-8	Isopropylbenzene	11	U
79-20-9	Methyl acetate	11	U
108-87-2	Methylcyclohexane	11	U
75-09-2	Methylene chloride	40	B

LABELLA ASSOCIATES
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METHOD 8260 - TCL PLUS STARS VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: BH-6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08312

Sample wt/vol: 5.09 (g/mL) G Lab File ID: Q4968.RR

Level: (low/med) LOW Date Samp/Recv: 08/31/2006 09/01/2006

% Moisture: not dec. 57 Heated Purge: Y Date Analyzed: 09/08/2006

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
108-10-1	4-Methyl-2-pentanone	57	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	11	U
100-42-5	Styrene	11	U
79-34-5	1,1,2,2-Tetrachloroethane	11	U
127-18-4	Tetrachloroethene	11	U
108-88-3	Toluene	11	U
120-82-1	1,2,4-Trichlorobenzene	11	U
71-55-6	1,1,1-Trichloroethane	11	U
79-00-5	1,1,2-Trichloroethane	11	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	11	U
75-69-4	Trichlorofluoromethane	11	U
79-01-6	Trichloroethene	11	U
108-05-4	Vinyl acetate	57	U
75-01-4	Vinyl chloride	23	U
1330-20-7	Total Xylenes	34	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

LABELLA ASSOCIATES
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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-5 COMP 1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16906

Sample wt/vol: 5.40 (g/mL) G Lab File ID: F2131.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: not dec. 11 Heated Purge: Y Date Analyzed: 09/11/2006

GC Column: DB-624 ID: 0.18 (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
67-64-1	Acetone	17	J
71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	26	U
75-15-0	Carbon Disulfide	2	J
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	5	U
110-82-7	Cyclohexane	5	U
106-93-4	1,2-Dibromoethane	5	U
124-48-1	Dibromochloromethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	26	U
98-82-8	Isopropylbenzene	5	U
79-20-9	Methyl acetate	5	U
108-87-2	Methylcyclohexane	5	U
75-09-2	Methylene chloride	6	B

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-5 COMP 1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16906

Sample wt/vol: 5.40 (g/mL) G Lab File ID: F2131.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: not dec. 11 Heated Purge: Y Date Analyzed: 09/11/2006

GC Column: DB-624 ID: 0.18 (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
108-10-1	4-Methyl-2-pentanone	26	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl chloride	10	U
1330-20-7	Total Xylenes	16	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-5 COMP 1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16906

Sample wt/vol: 5.40 (g/mL) G Lab File ID: F2131.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: not dec. 10.7 Date Analyzed: 09/11/2006

GC Column: DB-624 ID: 0.18 (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/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	115-07-1	PROPENE	1.18	12	JN
2.		UNKNOWN	1.38	8	J

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Client No.: BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907

Sample wt/vol: 5.25 (g/mL) G Lab File ID: F2134.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 09/11/2006

GC Column: DB-624 ID: 0.18 (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
67-64-1	Acetone	16	J
71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	29	U
75-15-0	Carbon Disulfide	6	U
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	6	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	29	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	6	U
108-87-2	Methylcyclohexane	6	U
75-09-2	Methylene chloride	6	B

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907

Sample wt/vol: 5.25 (g/mL) G Lab File ID: F2134.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 09/11/2006

GC Column: DB-624 ID: 0.18 (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
108-10-1	4-Methyl-2-pentanone	29	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	6	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	12	U
1330-20-7	Total Xylenes	17	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907

Sample wt/vol: 5.25 (g/mL) G Lab File ID: F2134.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: not dec. 17.6 Date Analyzed: 09/11/2006

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

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

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

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ANALYSIS DATA SHEET

Client No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907FD

Sample wt/vol: 5.27 (g/mL) G Lab File ID: F2135.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 09/11/2006

GC Column: DB-624 ID: 0.18 (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
67-64-1	Acetone	17	J
71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	29	U
75-15-0	Carbon Disulfide	6	U
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	6	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	29	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	6	U
108-87-2	Methylcyclohexane	6	U
75-09-2	Methylene chloride	6	B

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907FD

Sample wt/vol: 5.27 (g/mL) G Lab File ID: F2135.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: not dec. 18 Heated Purge: Y Date Analyzed: 09/11/2006

GC Column: DB-624 ID: 0.18 (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
108-10-1	4-Methyl-2-pentanone	29	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	6	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	12	U
1330-20-7	Total Xylenes	17	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907FD

Sample wt/vol: 5.27 (g/mL) G Lab File ID: F2135.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: not dec. 17.6 Date Analyzed: 09/11/2006

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

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

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

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ANALYSIS DATA SHEET

Client No.

BS-7(1-1.5 & 2-2.8)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08306

Sample wt/vol: 5.11 (g/mL) G Lab File ID: Q4962.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: not dec. 13 Heated Purge: Y Date Analyzed: 09/08/2006

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
67-64-1	Acetone	7	J
71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	28	U
75-15-0	Carbon Disulfide	6	U
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	6	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	28	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	6	U
108-87-2	Methylcyclohexane	6	U
75-09-2	Methylene chloride	12	B

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-7(1-1.5 & 2-2.8)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08306

Sample wt/vol: 5.11 (g/mL) G Lab File ID: Q4962.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: not dec. 13 Heated Purge: Y Date Analyzed: 09/08/2006

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
108-10-1	4-Methyl-2-pentanone	28	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	6	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	11	U
1330-20-7	Total Xylenes	17	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-7(1-1.5 & 2-2.8)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08306

Sample wt/vol: 5.11 (g/mL) G Lab File ID: Q4962.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: not dec. 13.0 Date Analyzed: 09/08/2006

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 SILANOL	4.24	6	J

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-7(4-5.5 & 6-7.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08308

Sample wt/vol: 5.14 (g/mL) G Lab File ID: Q4987.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: not dec. 20 Heated Purge: Y Date Analyzed: 09/09/2006

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
67-64-1	Acetone	34	
71-43-2	Benzene	6	U
75-27-4	Bromodichloromethane	6	U
75-25-2	Bromoform	6	U
74-83-9	Bromomethane	6	U
78-93-3	2-Butanone	30	U
75-15-0	Carbon Disulfide	6	U
56-23-5	Carbon Tetrachloride	6	U
108-90-7	Chlorobenzene	6	U
75-00-3	Chloroethane	6	U
67-66-3	Chloroform	6	U
74-87-3	Chloromethane	6	U
110-82-7	Cyclohexane	6	U
106-93-4	1,2-Dibromoethane	6	U
124-48-1	Dibromochloromethane	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
95-50-1	1,2-Dichlorobenzene	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
75-71-8	Dichlorodifluoromethane	6	U
75-34-3	1,1-Dichloroethane	6	U
107-06-2	1,2-Dichloroethane	6	U
75-35-4	1,1-Dichloroethene	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
78-87-5	1,2-Dichloropropane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
100-41-4	Ethylbenzene	6	U
591-78-6	2-Hexanone	30	U
98-82-8	Isopropylbenzene	6	U
79-20-9	Methyl acetate	6	U
108-87-2	Methylcyclohexane	6	U
75-09-2	Methylene chloride	13	B

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-7(4-5.5 & 6-7.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08308

Sample wt/vol: 5.14 (g/mL) G Lab File ID: Q4987.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: not dec. 20 Heated Purge: Y Date Analyzed: 09/09/2006

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
108-10-1	4-Methyl-2-pentanone	30	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	6	U
100-42-5	Styrene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
127-18-4	Tetrachloroethene	6	U
108-88-3	Toluene	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U
71-55-6	1,1,1-Trichloroethane	6	U
79-00-5	1,1,2-Trichloroethane	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
75-69-4	Trichlorofluoromethane	1	BJ
79-01-6	Trichloroethene	6	U
75-01-4	Vinyl chloride	12	U
1330-20-7	Total Xylenes	18	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-7(4-5.5 & 6-7.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08308

Sample wt/vol: 5.14 (g/mL) G Lab File ID: Q4987.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: not dec. 19.9 Date Analyzed: 09/09/2006

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 SILANOL	4.24	6	J

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-9(2-3.2 & 4-4.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08307

Sample wt/vol: 5.06 (g/mL) G Lab File ID: Q4986.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: not dec. 8 Heated Purge: Y Date Analyzed: 09/09/2006

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
67-64-1	Acetone	14	J
71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	27	U
75-15-0	Carbon Disulfide	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	5	U
110-82-7	Cyclohexane	5	U
106-93-4	1,2-Dibromoethane	5	U
124-48-1	Dibromochloromethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	27	U
98-82-8	Isopropylbenzene	5	U
79-20-9	Methyl acetate	5	U
108-87-2	Methylcyclohexane	5	U
75-09-2	Methylene chloride	10	B

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-9(2-3.2 & 4-4.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08307

Sample wt/vol: 5.06 (g/mL) G Lab File ID: Q4986.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: not dec. 8 Heated Purge: Y Date Analyzed: 09/09/2006

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
108-10-1	4-Methyl-2-pentanone	27	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4	Trichlorofluoromethane	1	BJ
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl chloride	11	U
1330-20-7	Total Xylenes	16	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-9(2-3.2 & 4-4.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08307

Sample wt/vol: 5.06 (g/mL) G Lab File ID: Q4986.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: not dec. 7.9 Date Analyzed: 09/09/2006

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 SILANOL	4.24	6	J

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: BS-9(6.0-6.9)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08309

Sample wt/vol: 5.02 (g/mL) G Lab File ID: Q4965.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: not dec. 8 Heated Purge: Y Date Analyzed: 09/08/2006

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
67-64-1	Acetone	14	J
71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	27	U
75-15-0	Carbon Disulfide	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	5	U
110-82-7	Cyclohexane	5	U
106-93-4	1,2-Dibromoethane	5	U
124-48-1	Dibromochloromethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	27	U
98-82-8	Isopropylbenzene	5	U
79-20-9	Methyl acetate	5	U
108-87-2	Methylcyclohexane	5	U
75-09-2	Methylene chloride	9	B

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: BS-9(6.0-6.9)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08309

Sample wt/vol: 5.02 (g/mL) G Lab File ID: Q4965.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: not dec. 8 Heated Purge: Y Date Analyzed: 09/08/2006

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
108-10-1	4-Methyl-2-pentanone	27	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl chloride	11	U
1330-20-7	Total Xylenes	16	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-9(6.0-6.9)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08309

Sample wt/vol: 5.02 (g/mL) G Lab File ID: Q4965.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: not dec. 8.1 Date Analyzed: 09/08/2006

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 SILANOL	4.24	6	J

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

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Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) WATER Lab Sample ID: A6A08313

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N9980.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2006 09/01/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2006

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
67-64-1	Acetone	2.9	J
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	4.7	
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	14	
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	0.82	J
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

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Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) WATER Lab Sample ID: A6A08313

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N9980.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2006 09/01/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2006

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
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

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Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) WATER Lab Sample ID: A6A08313

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N9980.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2006 09/01/2006

% Moisture: not dec. _____ Date Analyzed: 09/06/2006

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

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METHOD 8260 - TCL VOLATILE ORGANICS + STARS
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) WATER Lab Sample ID: A6A08314

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N9979.RR

Level: (low/med) LOW Date Samp/Recv: 08/31/2006 09/01/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2006

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
67-64-1	Acetone	3	J
71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	25	U
75-15-0	Carbon Disulfide	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	16	
74-87-3	Chloromethane	5	U
124-48-1	Dibromochloromethane	1	J
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
540-59-0	1,2-Dichloroethene (Total)	10	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	25	U
75-09-2	Methylene chloride	5	U
108-10-1	4-Methyl-2-pentanone	25	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
79-01-6	Trichloroethene	5	U
108-05-4	Vinyl acetate	25	U
75-01-4	Vinyl chloride	5	U
1330-20-7	Total Xylenes	15	U

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METHOD 8260 - TCL VOLATILE ORGANICS + STARS
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) WATER Lab Sample ID: A6A08314

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N9979.RR

Level: (low/med) LOW Date Samp/Recv: 08/31/2006 09/01/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 09/06/2006

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
98-82-8	Isopropylbenzene	5	U
103-65-1	n-Propylbenzene	5	U
99-87-6	p-Cymene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
104-51-8	n-Butylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
98-06-6	tert-Butylbenzene	5	U
91-20-3	Naphthalene	5	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-69-4	Trichlorofluoromethane	5	U
79-20-9	Methyl acetate	5	U
110-82-7	Cyclohexane	5	U
108-87-2	Methylcyclohexane	5	U
106-93-4	1,2-Dibromoethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

Trip Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) WATER Lab Sample ID: A6A16901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F2123.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 09/11/2006

GC Column: DB-624 ID: 0.18 (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
67-64-1	Acetone	6.2	
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	4.9	
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	15	
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.3	
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	3.0	B

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

Trip Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) WATER Lab Sample ID: A6A16901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F2123.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 09/11/2006

GC Column: DB-624 ID: 0.18 (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
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

Trip Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) WATER Lab Sample ID: A6A16901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F2123.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: not dec. _____ Date Analyzed: 09/11/2006

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

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

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

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METHOD 8270 - SOIL - STARS BASE NEUTRAL COMPOUNDS
ANALYSIS DATA SHEET

Client No.

BH-4(1.2-1.5&2-3.5)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08310

Sample wt/vol: 30.13 (g/mL) G Lab File ID: U15172.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2006 09/01/2006

% Moisture: 8 decanted: (Y/N) N Date Extracted: 09/07/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	360	U
120-12-7	Anthracene	360	U
56-55-3	Benzo(a)anthracene	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
191-24-2	Benzo(ghi)perylene	360	U
50-32-8	Benzo(a)pyrene	360	U
218-01-9	Chrysene	360	U
53-70-3	Dibenzo(a,h)anthracene	360	U
206-44-0	Fluoranthene	360	U
86-73-7	Fluorene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
85-01-8	Phenanthrene	360	U
129-00-0	Pyrene	360	U
91-20-3	Naphthalene	360	U

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METHOD 8270 - SOIL - STARS BASE NEUTRAL COMPOUNDS
ANALYSIS DATA SHEET

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Client No.

BH-5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08311

Sample wt/vol: 30.77 (g/mL) G Lab File ID: U15173.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2006 09/01/2006

% Moisture: 18 decanted: (Y/N) N Date Extracted: 09/07/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2006

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	2000	U
120-12-7	Anthracene	2000	U
56-55-3	Benzo(a)anthracene	330	J
205-99-2	Benzo(b)fluoranthene	750	J
207-08-9	Benzo(k)fluoranthene	300	J
191-24-2	Benzo(ghi)perylene	540	J
50-32-8	Benzo(a)pyrene	540	J
218-01-9	Chrysene	400	J
53-70-3	Dibenzo(a,h)anthracene	140	J
206-44-0	Fluoranthene	510	J
86-73-7	Fluorene	2000	U
193-39-5	Indeno(1,2,3-cd)pyrene	460	J
85-01-8	Phenanthrene	130	J
129-00-0	Pyrene	460	J
91-20-3	Naphthalene	340	J

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METHOD 8270 - SOIL - STARS BASE NEUTRAL COMPOUNDS
ANALYSIS DATA SHEET

Client No.: BH-6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08312

Sample wt/vol: 30.42 (g/mL) G Lab File ID: V16834.RR

Level: (low/med) LOW Date Samp/Recv: 08/31/2006 09/01/2006

% Moisture: 57 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/13/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	760	U
120-12-7	Anthracene	760	U
56-55-3	Benzo(a)anthracene	760	U
205-99-2	Benzo(b)fluoranthene	760	U
207-08-9	Benzo(k)fluoranthene	760	U
191-24-2	Benzo(ghi)perylene	760	U
50-32-8	Benzo(a)pyrene	760	U
218-01-9	Chrysene	760	U
53-70-3	Dibenzo(a,h)anthracene	760	U
206-44-0	Fluoranthene	760	U
86-73-7	Fluorene	760	U
193-39-5	Indeno(1,2,3-cd)pyrene	760	U
85-01-8	Phenanthrene	760	U
129-00-0	Pyrene	760	U
91-20-3	Naphthalene	760	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
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Client No.

BS-5 COMP 1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16906

Sample wt/vol: 30.18 (g/mL) G Lab File ID: W11373.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: 11 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	30	J
208-96-8	Acenaphthylene	690	
98-86-2	Acetophenone	370	U
120-12-7	Anthracene	380	
1912-24-9	Atrazine	370	U
100-52-7	Benzaldehyde	370	U
56-55-3	Benzo(a)anthracene	1800	
205-99-2	Benzo(b)fluoranthene	3300	
207-08-9	Benzo(k)fluoranthene	990	
191-24-2	Benzo(ghi)perylene	1000	
50-32-8	Benzo(a)pyrene	2200	
92-52-4	Biphenyl	370	U
111-91-1	Bis(2-chloroethoxy) methane	370	U
111-44-4	Bis(2-chloroethyl) ether	370	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	370	U
117-81-7	Bis(2-ethylhexyl) phthalate	61	J
101-55-3	4-Bromophenyl phenyl ether	370	U
85-68-7	Butyl benzyl phthalate	370	U
105-60-2	Caprolactam	370	U
106-47-8	4-Chloroaniline	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-58-7	2-Chloronaphthalene	370	U
95-57-8	2-Chlorophenol	370	U
7005-72-3	4-Chlorophenyl phenyl ether	370	U
86-74-8	Carbazole	130	J
218-01-9	Chrysene	1600	
53-70-3	Dibenzo(a,h)anthracene	330	J
132-64-9	Dibenzofuran	68	J
84-74-2	Di-n-butyl phthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
120-83-2	2,4-Dichlorophenol	370	U
84-66-2	Diethyl phthalate	370	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

61/4386

Client No.

BS-5 COMP 1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16906

Sample wt/vol: 30.18 (g/mL) G Lab File ID: W11373.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: 11 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	370	U
131-11-3	Dimethyl phthalate	370	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
51-28-5	2,4-Dinitrophenol	1800	U
121-14-2	2,4-Dinitrotoluene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
117-84-0	Di-n-octyl phthalate	370	U
206-44-0	Fluoranthene	3000	
86-73-7	Fluorene	150	J
118-74-1	Hexachlorobenzene	370	U
87-68-3	Hexachlorobutadiene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
67-72-1	Hexachloroethane	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	990	
78-59-1	Isophorone	370	U
91-57-6	2-Methylnaphthalene	25	J
95-48-7	2-Methylphenol	370	U
106-44-5	4-Methylphenol	370	U
91-20-3	Naphthalene	42	J
88-74-4	2-Nitroaniline	1800	U
99-09-2	3-Nitroaniline	1800	U
100-01-6	4-Nitroaniline	1800	U
98-95-3	Nitrobenzene	370	U
88-75-5	2-Nitrophenol	370	U
100-02-7	4-Nitrophenol	1800	U
86-30-6	N-nitrosodiphenylamine	370	U
621-64-7	N-Nitroso-Di-n-propylamine	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	1200	
108-95-2	Phenol	370	U
129-00-0	Pyrene	2500	
95-95-4	2,4,5-Trichlorophenol	890	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

62/4386

Client No.

BS-5 COMP 1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16906

Sample wt/vol: 30.18 (g/mL) G Lab File ID: W11373.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: 11 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	370	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-5 COMP 1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16906

Sample wt/vol: 30.18 (g/mL) G Lab File ID: W11373.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: 10.7 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

Number TICs found: 17 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	629-78-7	HEPTADECANE	12.26	150	JN
2.	610-48-0	1-METHYLANTHRACENE	13.44	270	JN
3.		UNKNOWN PAH	13.47	380	J
4.		UNKNOWN PAH	13.52	150	J
5.		UNKNOWN	13.55	530	J
6.		UNKNOWN	13.58	200	J
7.	84-65-1	9,10-ANTHRACENEDIONE	13.78	440	JN
8.		UNKNOWN PAH	14.02	260	J
9.		UNKNOWN	14.05	160	J
10.	54833-48-6	2,6,10,15-TETRAMETHYLHEPTADE	14.10	420	JN
11.		UNKNOWN PAH	14.60	160	J
12.		UNKNOWN PAH	14.71	190	J
13.		UNKNOWN PAH	15.27	170	J
14.		UNKNOWN PAH	16.55	400	J
15.		UNKNOWN PAH	16.73	1100	J
16.		UNKNOWN	17.41	870	J
17.		UNKNOWN	17.75	990	J

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

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Client No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907

Sample wt/vol: 30.28 (g/mL) G Lab File ID: W11376.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: 18 decanted: (Y/N) Y Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	400	U
208-96-8	Acenaphthylene	400	U
98-86-2	Acetophenone	400	U
120-12-7	Anthracene	400	U
1912-24-9	Atrazine	400	U
100-52-7	Benzaldehyde	400	U
56-55-3	Benzo(a)anthracene	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
191-24-2	Benzo(ghi)perylene	400	U
50-32-8	Benzo(a)pyrene	400	U
92-52-4	Biphenyl	400	U
111-91-1	Bis(2-chloroethoxy) methane	400	U
111-44-4	Bis(2-chloroethyl) ether	400	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	400	U
117-81-7	Bis(2-ethylhexyl) phthalate	400	U
101-55-3	4-Bromophenyl phenyl ether	400	U
85-68-7	Butyl benzyl phthalate	400	U
105-60-2	Caprolactam	400	U
106-47-8	4-Chloroaniline	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-58-7	2-Chloronaphthalene	400	U
95-57-8	2-Chlorophenol	400	U
7005-72-3	4-Chlorophenyl phenyl ether	400	U
86-74-8	Carbazole	400	U
218-01-9	Chrysene	400	U
53-70-3	Dibenzo(a,h)anthracene	400	U
132-64-9	Dibenzofuran	400	U
84-74-2	Di-n-butyl phthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
120-83-2	2,4-Dichlorophenol	400	U
84-66-2	Diethyl phthalate	400	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
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Client No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907

Sample wt/vol: 30.28 (g/mL) G Lab File ID: W11376.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: 18 decanted: (Y/N) Y Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	400	U
131-11-3	Dimethyl phthalate	400	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
51-28-5	2,4-Dinitrophenol	1900	U
121-14-2	2,4-Dinitrotoluene	400	U
606-20-2	2,6-Dinitrotoluene	400	U
117-84-0	Di-n-octyl phthalate	400	U
206-44-0	Fluoranthene	400	U
86-73-7	Fluorene	400	U
118-74-1	Hexachlorobenzene	400	U
87-68-3	Hexachlorobutadiene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
67-72-1	Hexachloroethane	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
78-59-1	Isophorone	400	U
91-57-6	2-Methylnaphthalene	400	U
95-48-7	2-Methylphenol	400	U
106-44-5	4-Methylphenol	400	U
91-20-3	Naphthalene	400	U
88-74-4	2-Nitroaniline	1900	U
99-09-2	3-Nitroaniline	1900	U
100-01-6	4-Nitroaniline	1900	U
98-95-3	Nitrobenzene	400	U
88-75-5	2-Nitrophenol	400	U
100-02-7	4-Nitrophenol	1900	U
86-30-6	N-nitrosodiphenylamine	400	U
621-64-7	N-Nitroso-Di-n-propylamine	400	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	400	U
108-95-2	Phenol	400	U
129-00-0	Pyrene	400	U
95-95-4	2,4,5-Trichlorophenol	960	U

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ANALYSIS DATA SHEET

Client No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907

Sample wt/vol: 30.28 (g/mL) G Lab File ID: W11376.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: 18 decanted: (Y/N) Y Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	400	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907

Sample wt/vol: 30.28 (g/mL) G Lab File ID: W11376.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: 17.6 decanted: (Y/N) Y Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

Number TICs found: 1

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

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Client No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907FD

Sample wt/vol: 30.74 (g/mL) G Lab File ID: W11377.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: 18 decanted: (Y/N) Y Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	390	U
208-96-8	Acenaphthylene	390	U
98-86-2	Acetophenone	390	U
120-12-7	Anthracene	390	U
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
56-55-3	Benzo(a)anthracene	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
191-24-2	Benzo(ghi)perylene	390	U
50-32-8	Benzo(a)pyrene	390	U
92-52-4	Biphenyl	390	U
111-91-1	Bis(2-chloroethoxy) methane	390	U
111-44-4	Bis(2-chloroethyl) ether	390	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	390	U
117-81-7	Bis(2-ethylhexyl) phthalate	390	U
101-55-3	4-Bromophenyl phenyl ether	390	U
85-68-7	Butyl benzyl phthalate	390	U
105-60-2	Caprolactam	390	U
106-47-8	4-Chloroaniline	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-58-7	2-Chloronaphthalene	390	U
95-57-8	2-Chlorophenol	390	U
7005-72-3	4-Chlorophenyl phenyl ether	390	U
86-74-8	Carbazole	390	U
218-01-9	Chrysene	390	U
53-70-3	Dibenzo(a,h)anthracene	390	U
132-64-9	Dibenzofuran	390	U
84-74-2	Di-n-butyl phthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	1900	U
120-83-2	2,4-Dichlorophenol	390	U
84-66-2	Diethyl phthalate	390	U

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Client No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907FD

Sample wt/vol: 30.74 (g/mL) G Lab File ID: W11377.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: 18 decanted: (Y/N) Y Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	390	U
131-11-3	Dimethyl phthalate	390	U
534-52-1	4,6-Dinitro-2-methylphenol	1900	U
51-28-5	2,4-Dinitrophenol	1900	U
121-14-2	2,4-Dinitrotoluene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
117-84-0	Di-n-octyl phthalate	390	U
206-44-0	Fluoranthene	390	U
86-73-7	Fluorene	390	U
118-74-1	Hexachlorobenzene	390	U
87-68-3	Hexachlorobutadiene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
67-72-1	Hexachloroethane	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
78-59-1	Isophorone	390	U
91-57-6	2-Methylnaphthalene	390	U
95-48-7	2-Methylphenol	390	U
106-44-5	4-Methylphenol	390	U
91-20-3	Naphthalene	390	U
88-74-4	2-Nitroaniline	1900	U
99-09-2	3-Nitroaniline	1900	U
100-01-6	4-Nitroaniline	1900	U
98-95-3	Nitrobenzene	390	U
88-75-5	2-Nitrophenol	390	U
100-02-7	4-Nitrophenol	1900	U
86-30-6	N-nitrosodiphenylamine	390	U
621-64-7	N-Nitroso-Di-n-propylamine	390	U
87-86-5	Pentachlorophenol	1900	U
85-01-8	Phenanthrene	390	U
108-95-2	Phenol	390	U
129-00-0	Pyrene	390	U
95-95-4	2,4,5-Trichlorophenol	950	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907FD

Sample wt/vol: 30.74 (g/mL) G Lab File ID: W11377.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: 18 decanted: (Y/N) Y Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	390	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907FD

Sample wt/vol: 30.74 (g/mL) G Lab File ID: W11377.RR

Level: (low/med) LOW Date Samp/Recv: 09/01/2006 09/06/2006

% Moisture: 17.6 decanted: (Y/N) Y Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/15/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

72/4386

Client No.

BS-7(1-1.5 & 2-2.8)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08306

Sample wt/vol: 30.73 (g/mL) G Lab File ID: W11360.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: 13 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	26	J
208-96-8	Acenaphthylene	370	U
98-86-2	Acetophenone	370	U
120-12-7	Anthracene	61	J
1912-24-9	Atrazine	370	U
100-52-7	Benzaldehyde	370	U
56-55-3	Benzo(a)anthracene	150	J
205-99-2	Benzo(b)fluoranthene	190	J
207-08-9	Benzo(k)fluoranthene	200	J
191-24-2	Benzo(ghi)perylene	70	J
50-32-8	Benzo(a)pyrene	120	J
92-52-4	Biphenyl	370	U
111-91-1	Bis(2-chloroethoxy) methane	370	U
111-44-4	Bis(2-chloroethyl) ether	370	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	370	U
117-81-7	Bis(2-ethylhexyl) phthalate	370	U
101-55-3	4-Bromophenyl phenyl ether	370	U
85-68-7	Butyl benzyl phthalate	370	U
105-60-2	Caprolactam	370	U
106-47-8	4-Chloroaniline	370	U
59-50-7	4-Chloro-3-methylphenol	370	U
91-58-7	2-Chloronaphthalene	370	U
95-57-8	2-Chlorophenol	370	U
7005-72-3	4-Chlorophenyl phenyl ether	370	U
86-74-8	Carbazole	370	U
218-01-9	Chrysene	130	J
53-70-3	Dibenzo(a,h)anthracene	22	J
132-64-9	Dibenzofuran	370	U
84-74-2	Di-n-butyl phthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	1800	U
120-83-2	2,4-Dichlorophenol	370	U
84-66-2	Diethyl phthalate	370	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

73/4386

Client No.

BS-7(1-1.5 & 2-2.8)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08306

Sample wt/vol: 30.73 (g/mL) G Lab File ID: W11360.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: 13 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	370	U
131-11-3	Dimethyl phthalate	370	U
534-52-1	4,6-Dinitro-2-methylphenol	1800	U
51-28-5	2,4-Dinitrophenol	1800	U
121-14-2	2,4-Dinitrotoluene	370	U
606-20-2	2,6-Dinitrotoluene	370	U
117-84-0	Di-n-octyl phthalate	370	U
206-44-0	Fluoranthene	320	J
86-73-7	Fluorene	370	U
118-74-1	Hexachlorobenzene	370	U
87-68-3	Hexachlorobutadiene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
67-72-1	Hexachloroethane	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	66	J
78-59-1	Isophorone	370	U
91-57-6	2-Methylnaphthalene	20	J
95-48-7	2-Methylphenol	370	U
106-44-5	4-Methylphenol	370	U
91-20-3	Naphthalene	370	U
88-74-4	2-Nitroaniline	1800	U
99-09-2	3-Nitroaniline	1800	U
100-01-6	4-Nitroaniline	1800	U
98-95-3	Nitrobenzene	370	U
88-75-5	2-Nitrophenol	370	U
100-02-7	4-Nitrophenol	1800	U
86-30-6	N-nitrosodiphenylamine	370	U
621-64-7	N-Nitroso-Di-n-propylamine	370	U
87-86-5	Pentachlorophenol	1800	U
85-01-8	Phenanthrene	260	J
108-95-2	Phenol	370	U
129-00-0	Pyrene	220	J
95-95-4	2,4,5-Trichlorophenol	900	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-7(1-1.5 & 2-2.8)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08306

Sample wt/vol: 30.73 (g/mL) G Lab File ID: W11360.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: 13 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	370	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

75/4386

Client No.

BS-7(1-1.5 & 2-2.8)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08306

Sample wt/vol: 30.73 (g/mL) G Lab File ID: W11360.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: 13.0 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

FORM IF - GC/MS SVOA TIC

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

76/4386

Client No.

BS-7(4-5.5 & 6-7.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08308

Sample wt/vol: 30.62 (g/mL) G Lab File ID: W11362.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: 20 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	400	U
208-96-8	Acenaphthylene	400	U
98-86-2	Acetophenone	400	U
120-12-7	Anthracene	400	U
1912-24-9	Atrazine	400	U
100-52-7	Benzaldehyde	400	U
56-55-3	Benzo(a)anthracene	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
191-24-2	Benzo(ghi)perylene	400	U
50-32-8	Benzo(a)pyrene	400	U
92-52-4	Biphenyl	400	U
111-91-1	Bis(2-chloroethoxy) methane	400	U
111-44-4	Bis(2-chloroethyl) ether	400	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	400	U
117-81-7	Bis(2-ethylhexyl) phthalate	400	U
101-55-3	4-Bromophenyl phenyl ether	400	U
85-68-7	Butyl benzyl phthalate	400	U
105-60-2	Caprolactam	400	U
106-47-8	4-Chloroaniline	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-58-7	2-Chloronaphthalene	400	U
95-57-8	2-Chlorophenol	400	U
7005-72-3	4-Chlorophenyl phenyl ether	400	U
86-74-8	Carbazole	400	U
218-01-9	Chrysene	400	U
53-70-3	Dibenzo(a,h)anthracene	400	U
132-64-9	Dibenzofuran	400	U
84-74-2	Di-n-butyl phthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	2000	U
120-83-2	2,4-Dichlorophenol	400	U
84-66-2	Diethyl phthalate	400	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-7(4-5.5 & 6-7.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08308

Sample wt/vol: 30.62 (g/mL) G Lab File ID: W11362.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: 20 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	400	U
131-11-3	Dimethyl phthalate	400	U
534-52-1	4,6-Dinitro-2-methylphenol	2000	U
51-28-5	2,4-Dinitrophenol	2000	U
121-14-2	2,4-Dinitrotoluene	400	U
606-20-2	2,6-Dinitrotoluene	400	U
117-84-0	Di-n-octyl phthalate	400	U
206-44-0	Fluoranthene	400	U
86-73-7	Fluorene	400	U
118-74-1	Hexachlorobenzene	400	U
87-68-3	Hexachlorobutadiene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
67-72-1	Hexachloroethane	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
78-59-1	Isophorone	400	U
91-57-6	2-Methylnaphthalene	400	U
95-48-7	2-Methylphenol	400	U
106-44-5	4-Methylphenol	400	U
91-20-3	Naphthalene	400	U
88-74-4	2-Nitroaniline	2000	U
99-09-2	3-Nitroaniline	2000	U
100-01-6	4-Nitroaniline	2000	U
98-95-3	Nitrobenzene	400	U
88-75-5	2-Nitrophenol	400	U
100-02-7	4-Nitrophenol	2000	U
86-30-6	N-nitrosodiphenylamine	400	U
621-64-7	N-Nitroso-Di-n-propylamine	400	U
87-86-5	Pentachlorophenol	2000	U
85-01-8	Phenanthrene	400	U
108-95-2	Phenol	400	U
129-00-0	Pyrene	400	U
95-95-4	2,4,5-Trichlorophenol	980	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-7(4-5.5 & 6-7.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08308

Sample wt/vol: 30.62 (g/mL) G Lab File ID: W11362.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: 20 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	400	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-7(4-5.5 & 6-7.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08308

Sample wt/vol: 30.62 (g/mL) G Lab File ID: W11362.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: 19.9 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-9(2-3.2 & 4-4.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08307

Sample wt/vol: 30.67 (g/mL) G Lab File ID: W11361.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: 8 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	350	U
208-96-8	Acenaphthylene	440	
98-86-2	Acetophenone	350	U
120-12-7	Anthracene	130	J
1912-24-9	Atrazine	350	U
100-52-7	Benzaldehyde	350	U
56-55-3	Benzo(a)anthracene	430	
205-99-2	Benzo(b)fluoranthene	1600	
207-08-9	Benzo(k)fluoranthene	1600	
191-24-2	Benzo(ghi)perylene	570	
50-32-8	Benzo(a)pyrene	930	
92-52-4	Biphenyl	350	U
111-91-1	Bis(2-chloroethoxy) methane	350	U
111-44-4	Bis(2-chloroethyl) ether	350	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	350	U
117-81-7	Bis(2-ethylhexyl) phthalate	350	U
101-55-3	4-Bromophenyl phenyl ether	350	U
85-68-7	Butyl benzyl phthalate	350	U
105-60-2	Caprolactam	350	U
106-47-8	4-Chloroaniline	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-58-7	2-Chloronaphthalene	350	U
95-57-8	2-Chlorophenol	350	U
7005-72-3	4-Chlorophenyl phenyl ether	350	U
86-74-8	Carbazole	40	J
218-01-9	Chrysene	430	
53-70-3	Dibenzo(a,h)anthracene	200	J
132-64-9	Dibenzofuran	350	U
84-74-2	Di-n-butyl phthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
120-83-2	2,4-Dichlorophenol	350	U
84-66-2	Diethyl phthalate	350	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

ANALYSIS DATA SHEET

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Client No.

BS-9(2-3.2 & 4-4.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08307

Sample wt/vol: 30.67 (g/mL) G Lab File ID: W11361.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: 8 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	350	U
131-11-3	Dimethyl phthalate	350	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
51-28-5	2,4-Dinitrophenol	1700	U
121-14-2	2,4-Dinitrotoluene	350	U
606-20-2	2,6-Dinitrotoluene	350	U
117-84-0	Di-n-octyl phthalate	350	U
206-44-0	Fluoranthene	600	
86-73-7	Fluorene	24	J
118-74-1	Hexachlorobenzene	350	U
87-68-3	Hexachlorobutadiene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
67-72-1	Hexachloroethane	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	560	
78-59-1	Isophorone	350	U
91-57-6	2-Methylnaphthalene	350	U
95-48-7	2-Methylphenol	350	U
106-44-5	4-Methylphenol	350	U
91-20-3	Naphthalene	25	J
88-74-4	2-Nitroaniline	1700	U
99-09-2	3-Nitroaniline	1700	U
100-01-6	4-Nitroaniline	1700	U
98-95-3	Nitrobenzene	350	U
88-75-5	2-Nitrophenol	350	U
100-02-7	4-Nitrophenol	1700	U
86-30-6	N-nitrosodiphenylamine	350	U
621-64-7	N-Nitroso-Di-n-propylamine	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	79	J
108-95-2	Phenol	350	U
129-00-0	Pyrene	630	
95-95-4	2,4,5-Trichlorophenol	850	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-9(2-3.2 & 4-4.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08307

Sample wt/vol: 30.67 (g/mL) G Lab File ID: W11361.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: 8 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	350	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-9(2-3.2 & 4-4.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08307

Sample wt/vol: 30.67 (g/mL) G Lab File ID: W11361.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: 7.9 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

Number TICs found: 7

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

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	5737-13-3	CYCLOPENTA(DEF) PHENANTHRENO	14.11	230	JN
2.		UNKNOWN PAH	16.57	380	J
3.		UNKNOWN	16.66	140	J
4.		UNKNOWN PAH	16.74	660	J
5.		UNKNOWN	17.92	200	J
6.		UNKNOWN PAH	18.17	160	J
7.		UNKNOWN PAH	18.55	150	J

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ANALYSIS DATA SHEET

84/4386

Client No.

BS-9(6.0-6.9)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08309

Sample wt/vol: 30.25 (g/mL) G Lab File ID: W11363.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: 8 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	360	U
208-96-8	Acenaphthylene	360	U
98-86-2	Acetophenone	360	U
120-12-7	Anthracene	360	U
1912-24-9	Atrazine	360	U
100-52-7	Benzaldehyde	360	U
56-55-3	Benzo(a)anthracene	360	U
205-99-2	Benzo(b)fluoranthene	36	J
207-08-9	Benzo(k)fluoranthene	360	U
191-24-2	Benzo(ghi)perylene	22	J
50-32-8	Benzo(a)pyrene	27	J
92-52-4	Biphenyl	360	U
111-91-1	Bis(2-chloroethoxy) methane	360	U
111-44-4	Bis(2-chloroethyl) ether	360	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	360	U
117-81-7	Bis(2-ethylhexyl) phthalate	360	U
101-55-3	4-Bromophenyl phenyl ether	360	U
85-68-7	Butyl benzyl phthalate	360	U
105-60-2	Caprolactam	360	U
106-47-8	4-Chloroaniline	360	U
59-50-7	4-Chloro-3-methylphenol	360	U
91-58-7	2-Chloronaphthalene	360	U
95-57-8	2-Chlorophenol	360	U
7005-72-3	4-Chlorophenyl phenyl ether	360	U
86-74-8	Carbazole	360	U
218-01-9	Chrysene	360	U
53-70-3	Dibenzo(a,h)anthracene	360	U
132-64-9	Dibenzofuran	360	U
84-74-2	Di-n-butyl phthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
120-83-2	2,4-Dichlorophenol	360	U
84-66-2	Diethyl phthalate	360	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

85/4386

Client No.

BS-9(6.0-6.9)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08309

Sample wt/vol: 30.25 (g/mL) G Lab File ID: W11363.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: 8 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	360	U
131-11-3	Dimethyl phthalate	360	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
51-28-5	2,4-Dinitrophenol	1700	U
121-14-2	2,4-Dinitrotoluene	360	U
606-20-2	2,6-Dinitrotoluene	360	U
117-84-0	Di-n-octyl phthalate	360	U
206-44-0	Fluoranthene	38	J
86-73-7	Fluorene	360	U
118-74-1	Hexachlorobenzene	360	U
87-68-3	Hexachlorobutadiene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
67-72-1	Hexachloroethane	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	23	J
78-59-1	Isophorone	360	U
91-57-6	2-Methylnaphthalene	360	U
95-48-7	2-Methylphenol	360	U
106-44-5	4-Methylphenol	360	U
91-20-3	Naphthalene	360	U
88-74-4	2-Nitroaniline	1700	U
99-09-2	3-Nitroaniline	1700	U
100-01-6	4-Nitroaniline	1700	U
98-95-3	Nitrobenzene	360	U
88-75-5	2-Nitrophenol	360	U
100-02-7	4-Nitrophenol	1700	U
86-30-6	N-nitrosodiphenylamine	360	U
621-64-7	N-Nitroso-Di-n-propylamine	360	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	360	U
108-95-2	Phenol	360	U
129-00-0	Pyrene	24	J
95-95-4	2,4,5-Trichlorophenol	860	U

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ANALYSIS DATA SHEET

Client No.

BS-9(6.0-6.9)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08309

Sample wt/vol: 30.25 (g/mL) G Lab File ID: W11363.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: 8 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	360	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-9(6.0-6.9)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08309

Sample wt/vol: 30.25 (g/mL) G Lab File ID: W11363.RR

Level: (low/med) LOW Date Samp/Recv: 08/30/2006 09/01/2006

% Moisture: 8.1 decanted: (Y/N) N Date Extracted: 09/11/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/14/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

Number TICs found: 2

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	15.27	310	J
2.	UNKNOWN	17.08	410	J

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ANALYSIS DATA SHEET

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Client No.

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Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) WATER Lab Sample ID: A6A08313

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X11540.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2006 09/01/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/05/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2006

Injection Volume: 1.00 (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	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	50	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	10	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	0.5	J

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

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Client No.

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Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) WATER Lab Sample ID: A6A08313

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X11540.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2006 09/01/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/05/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2006

Injection Volume: 1.00 (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
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	2	BJ
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	45	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

90/4386

Client No.

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Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) WATER Lab Sample ID: A6A08313

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X11540.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2006 09/01/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/05/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2006

Injection Volume: 1.00 (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
88-06-2	2,4,6-Trichlorophenol	10	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

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Client No.

FIELD BLANK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) WATER Lab Sample ID: A6A08313

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X11540.RR

Level: (low/med) LOW Date Samp/Recv: 08/29/2006 09/01/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 09/05/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 09/08/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

Number TICs found: 7

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 4192-77-2	2-PROPENOIC ACID, 3-PHENYL-,	10.59	9	JN
2.	UNKNOWN	15.04	5	BJ
3.	UNKNOWN	15.07	18	BJ
4.	UNKNOWN	15.67	4	BJ
5.	UNKNOWN	15.78	7	BJ
6.	UNKNOWN	16.32	13	BJ
7.	UNKNOWN	16.35	8	BJ

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METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

Client No.

BS-5 COMP 1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16906

Sample wt/vol: 30.05 (g/mL) G Lab File ID: 5A05015.TX0

% Moisture: 11 decanted: (Y/N) N Date Samp/Recv: 09/01/2006 09/06/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 09/12/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/13/2006

Injection Volume: 1.00 (uL) Dilution Factor: 10.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
309-00-2	Aldrin	19	U
319-84-6	alpha-BHC	19	U
319-85-7	beta-BHC	24	
58-89-9	gamma-BHC (Lindane)	19	U
319-86-8	delta-BHC	19	U
57-74-9	Chlordane	190	U
72-54-8	4,4'-DDD	19	U
72-55-9	4,4'-DDE	19	U
50-29-3	4,4'-DDT	35	
60-57-1	Dieldrin	19	U
959-98-8	Endosulfan I	19	U
33213-65-9	Endosulfan II	9.7	J
1031-07-8	Endosulfan Sulfate	14	J
72-20-8	Endrin	17	J
7421-93-4	Endrin aldehyde	19	U
76-44-8	Heptachlor	19	U
1024-57-3	Heptachlor epoxide	19	U
72-43-5	Methoxychlor	20	
8001-35-2	Toxaphene	370	U

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METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

Client No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907

Sample wt/vol: 30.05 (g/mL) G Lab File ID: 5A05013.TX0

% Moisture: 18 decanted: (Y/N) N Date Samp/Recv: 09/01/2006 09/06/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 09/12/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/13/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
309-00-2	Aldrin	2.0	U
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
319-86-8	delta-BHC	2.0	U
57-74-9	Chlordane	20	U
72-54-8	4,4'-DDD	2.0	U
72-55-9	4,4'-DDE	2.0	U
50-29-3	4,4'-DDT	2.0	U
60-57-1	Dieldrin	2.0	U
959-98-8	Endosulfan I	2.0	U
33213-65-9	Endosulfan II	2.0	U
1031-07-8	Endosulfan Sulfate	2.0	U
72-20-8	Endrin	2.0	U
7421-93-4	Endrin aldehyde	2.0	U
76-44-8	Heptachlor	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
72-43-5	Methoxychlor	2.0	U
8001-35-2	Toxaphene	40	U

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Client No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907FD

Sample wt/vol: 30.15 (g/mL) G Lab File ID: 5A05014.TX0

% Moisture: 18 decanted: (Y/N) N Date Samp/Recv: 09/01/2006 09/06/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 09/12/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/13/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
309-00-2	Aldrin	2.0	U
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
319-86-8	delta-BHC	2.0	U
57-74-9	Chlordane	20	U
72-54-8	4,4'-DDD	2.0	U
72-55-9	4,4'-DDE	2.0	U
50-29-3	4,4'-DDT	2.0	U
60-57-1	Dieldrin	2.0	U
959-98-8	Endosulfan I	2.0	U
33213-65-9	Endosulfan II	2.0	U
1031-07-8	Endosulfan Sulfate	2.0	U
72-20-8	Endrin	2.0	U
7421-93-4	Endrin aldehyde	2.0	U
76-44-8	Heptachlor	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
72-43-5	Methoxychlor	2.0	U
8001-35-2	Toxaphene	40	U

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ANALYSIS DATA SHEET

Client No.

BS-7(1-1.5 & 2-2.8)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08306

Sample wt/vol: 30.16 (g/mL) G Lab File ID: 5A-04203.TX0

% Moisture: 13 decanted: (Y/N) N Date Samp/Recv: 08/30/2006 09/01/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 09/08/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/11/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
309-00-2	Aldrin	1.9	U
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.2	J
319-86-8	delta-BHC	1.6	J
57-74-9	Chlordane	19	U
72-54-8	4,4'-DDD	1.0	J
72-55-9	4,4'-DDE	1.9	U
50-29-3	4,4'-DDT	2.5	
60-57-1	Dieldrin	1.9	U
959-98-8	Endosulfan I	1.9	U
33213-65-9	Endosulfan II	0.95	J
1031-07-8	Endosulfan Sulfate	0.99	J
72-20-8	Endrin	1.9	U
7421-93-4	Endrin aldehyde	1.9	U
76-44-8	Heptachlor	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
72-43-5	Methoxychlor	2.0	
8001-35-2	Toxaphene	38	U

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METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

Client No.

BS-7(4-5.5 & 6-7.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08308

Sample wt/vol: 30.06 (g/mL) G Lab File ID: 5A-04196.TX0

% Moisture: 20 decanted: (Y/N) N Date Samp/Recv: 08/30/2006 09/01/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 09/08/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/11/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
309-00-2	Aldrin	2.1	U
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
319-86-8	delta-BHC	2.1	U
57-74-9	Chlordane	21	U
72-54-8	4,4'-DDD	2.1	U
72-55-9	4,4'-DDE	2.1	U
50-29-3	4,4'-DDT	2.1	U
60-57-1	Dieldrin	2.1	U
959-98-8	Endosulfan I	2.1	U
33213-65-9	Endosulfan II	2.1	U
1031-07-8	Endosulfan Sulfate	1.1	J
72-20-8	Endrin	2.1	U
7421-93-4	Endrin aldehyde	2.1	U
76-44-8	Heptachlor	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
72-43-5	Methoxychlor	2.1	U
8001-35-2	Toxaphene	41	U

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METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

Client No.

BS-9(2-3.2 & 4-4.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08307

Sample wt/vol: 30.49 (g/mL) G Lab File ID: 5A-04194.TX0

% Moisture: 8 decanted: (Y/N) N Date Samp/Recv: 08/30/2006 09/01/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 09/08/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/11/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
309-00-2	Aldrin	1.8	U
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U
319-86-8	delta-BHC	1.4	J
57-74-9	Chlordane	18	U
72-54-8	4,4'-DDD	1.8	U
72-55-9	4,4'-DDE	1.8	U
50-29-3	4,4'-DDT	2.2	
60-57-1	Dieldrin	1.1	J
959-98-8	Endosulfan I	1.8	U
33213-65-9	Endosulfan II	0.85	J
1031-07-8	Endosulfan Sulfate	1.0	J
72-20-8	Endrin	1.8	U
7421-93-4	Endrin aldehyde	1.2	J
76-44-8	Heptachlor	1.8	U
1024-57-3	Heptachlor epoxide	0.92	J
72-43-5	Methoxychlor	1.8	U
8001-35-2	Toxaphene	35	U

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METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

Client No.

BS-9(6.0-6.9)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08309

Sample wt/vol: 30.43 (g/mL) G Lab File ID: 5A-04195.TX0

% Moisture: 8 decanted: (Y/N) N Date Samp/Recv: 08/30/2006 09/01/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 09/08/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/11/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
309-00-2	Aldrin	1.8	U
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U
319-86-8	delta-BHC	1.8	U
57-74-9	Chlordane	18	U
72-54-8	4,4'-DDD	1.8	U
72-55-9	4,4'-DDE	1.8	U
50-29-3	4,4'-DDT	1.8	U
60-57-1	Dieldrin	1.8	U
959-98-8	Endosulfan I	1.8	U
33213-65-9	Endosulfan II	1.9	
1031-07-8	Endosulfan Sulfate	1.8	U
72-20-8	Endrin	1.8	U
7421-93-4	Endrin aldehyde	1.8	U
76-44-8	Heptachlor	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
72-43-5	Methoxychlor	1.8	U
8001-35-2	Toxaphene	35	U

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METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

Client No.

FIELD BLANK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) WATER Lab Sample ID: A6A08313

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: 5A-04119.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 08/29/2006 09/01/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 09/05/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/06/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
309-00-2	Aldrin	0.053	U
319-84-6	alpha-BHC	0.053	U
319-85-7	beta-BHC	0.053	U
58-89-9	gamma-BHC (Lindane)	0.053	U
319-86-8	delta-BHC	0.053	U
72-54-8	4,4'-DDD	0.053	U
72-55-9	4,4'-DDE	0.053	U
50-29-3	4,4'-DDT	0.053	U
60-57-1	Dieldrin	0.053	U
959-98-8	Endosulfan I	0.053	U
33213-65-9	Endosulfan II	0.053	U
1031-07-8	Endosulfan Sulfate	0.053	U
72-20-8	Endrin	0.053	U
7421-93-4	Endrin aldehyde	0.053	U
5103-71-9	alpha-Chlordane	0.053	U
5103-74-2	gamma-Chlordane	0.059	
76-44-8	Heptachlor	0.053	U
1024-57-3	Heptachlor epoxide	0.024	J
72-43-5	Methoxychlor	0.053	U
8001-35-2	Toxaphene	1.0	U
53494-70-5	Endrin ketone	0.053	U

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METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

Client No.

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Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) WATER Lab Sample ID: A6A08313RE

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: 5A-04178.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 08/29/2006 09/01/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 09/07/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/09/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
309-00-2	Aldrin	0.053	U
319-84-6	alpha-BHC	0.053	U
319-85-7	beta-BHC	0.053	U
58-89-9	gamma-BHC (Lindane)	0.053	U
319-86-8	delta-BHC	0.053	U
72-54-8	4,4'-DDD	0.053	U
72-55-9	4,4'-DDE	0.053	U
50-29-3	4,4'-DDT	0.053	U
60-57-1	Dieldrin	0.053	U
959-98-8	Endosulfan I	0.053	U
33213-65-9	Endosulfan II	0.053	U
1031-07-8	Endosulfan Sulfate	0.053	U
72-20-8	Endrin	0.053	U
7421-93-4	Endrin aldehyde	0.053	U
5103-71-9	alpha-Chlordane	0.053	U
5103-74-2	gamma-Chlordane	0.061	
76-44-8	Heptachlor	0.053	U
1024-57-3	Heptachlor epoxide	0.053	U
72-43-5	Methoxychlor	0.053	U
8001-35-2	Toxaphene	1.0	U
53494-70-5	Endrin ketone	0.053	U

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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

BH-4(1.2-1.5&2-3.5)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08310

Sample wt/vol: 30.10 (g/mL) G Lab File ID: 19A67177.TX0

% Moisture: 8 decanted: (Y/N) N Date Samp/Recv: 08/29/2006 09/01/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 09/06/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/07/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	18	U
11104-28-2	Aroclor 1221	18	U
11141-16-5	Aroclor 1232	18	U
53469-21-9	Aroclor 1242	18	U
12672-29-6	Aroclor 1248	18	U
11097-69-1	Aroclor 1254	18	U
11096-82-5	Aroclor 1260	18	U

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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

BH-5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08311

Sample wt/vol: 30.44 (g/mL) G Lab File ID: 19A67178.TX0

% Moisture: 18 decanted: (Y/N) N Date Samp/Recv: 08/29/2006 09/01/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 09/06/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/07/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	20	U
11104-28-2	Aroclor 1221	20	U
11141-16-5	Aroclor 1232	20	U
53469-21-9	Aroclor 1242	20	U
12672-29-6	Aroclor 1248	20	U
11097-69-1	Aroclor 1254	20	U
11096-82-5	Aroclor 1260	20	U

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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

BH-6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08312

Sample wt/vol: 30.28 (g/mL) G Lab File ID: 19A67179.TX0

% Moisture: 57 decanted: (Y/N) N Date Samp/Recv: 08/31/2006 09/01/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 09/06/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/07/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	38	U
11104-28-2	Aroclor 1221	38	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

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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

BS-5 COMP 1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16906

Sample wt/vol: 30.95 (g/mL) G Lab File ID: 19A68140.TX0

% Moisture: 11 decanted: (Y/N) N Date Samp/Recv: 09/01/2006 09/06/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 09/11/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/12/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	18	U
11104-28-2	Aroclor 1221	18	U
11141-16-5	Aroclor 1232	18	U
53469-21-9	Aroclor 1242	18	U
12672-29-6	Aroclor 1248	18	U
11097-69-1	Aroclor 1254	18	U
11096-82-5	Aroclor 1260	18	U

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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907

Sample wt/vol: 30.31 (g/mL) G Lab File ID: 19A68143.TX0

% Moisture: 18 decanted: (Y/N) N Date Samp/Recv: 09/01/2006 09/06/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 09/11/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/12/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	20	U
11104-28-2	Aroclor 1221	20	U
11141-16-5	Aroclor 1232	20	U
53469-21-9	Aroclor 1242	20	U
12672-29-6	Aroclor 1248	20	U
11097-69-1	Aroclor 1254	20	U
11096-82-5	Aroclor 1260	20	U

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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A16907FD

Sample wt/vol: 30.86 (g/mL) G Lab File ID: 19A68146.TX0

% Moisture: 18 decanted: (Y/N) N Date Samp/Recv: 09/01/2006 09/06/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 09/11/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/12/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	20	U
11104-28-2	Aroclor 1221	20	U
11141-16-5	Aroclor 1232	20	U
53469-21-9	Aroclor 1242	20	U
12672-29-6	Aroclor 1248	20	U
11097-69-1	Aroclor 1254	20	U
11096-82-5	Aroclor 1260	20	U

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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

BS-7(1-1.5 & 2-2.8)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08306

Sample wt/vol: 30.21 (g/mL) G Lab File ID: 19A67171.TX0

% Moisture: 13 decanted: (Y/N) N Date Samp/Recv: 08/30/2006 09/01/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 09/06/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/07/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	19	U
11104-28-2	Aroclor 1221	19	U
11141-16-5	Aroclor 1232	19	U
53469-21-9	Aroclor 1242	19	U
12672-29-6	Aroclor 1248	19	U
11097-69-1	Aroclor 1254	19	U
11096-82-5	Aroclor 1260	19	U

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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

BS-7(4-5.5 & 6-7.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08308

Sample wt/vol: 30.05 (g/mL) G Lab File ID: 19A67173.TX0

% Moisture: 20 decanted: (Y/N) N Date Samp/Recv: 08/30/2006 09/01/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 09/06/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/07/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	21	U
11104-28-2	Aroclor 1221	21	U
11141-16-5	Aroclor 1232	21	U
53469-21-9	Aroclor 1242	21	U
12672-29-6	Aroclor 1248	21	U
11097-69-1	Aroclor 1254	21	U
11096-82-5	Aroclor 1260	21	U

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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

BS-9(2-3.2 & 4-4.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08307

Sample wt/vol: 30.27 (g/mL) G Lab File ID: 19A67172.TX0

% Moisture: 8 decanted: (Y/N) N Date Samp/Recv: 08/30/2006 09/01/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 09/06/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/07/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	18	U
11104-28-2	Aroclor 1221	18	U
11141-16-5	Aroclor 1232	18	U
53469-21-9	Aroclor 1242	18	U
12672-29-6	Aroclor 1248	18	U
11097-69-1	Aroclor 1254	18	U
11096-82-5	Aroclor 1260	18	U

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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

BS-9(6.0-6.9)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) SOIL Lab Sample ID: A6A08309

Sample wt/vol: 30.03 (g/mL) G Lab File ID: 19A67176.TX0

% Moisture: 8 decanted: (Y/N) N Date Samp/Recv: 08/30/2006 09/01/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 09/06/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/07/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	18	U
11104-28-2	Aroclor 1221	18	U
11141-16-5	Aroclor 1232	18	U
53469-21-9	Aroclor 1242	18	U
12672-29-6	Aroclor 1248	18	U
11097-69-1	Aroclor 1254	18	U
11096-82-5	Aroclor 1260	18	U

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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

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Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix: (soil/water) WATER Lab Sample ID: A6A08313

Sample wt/vol: 950.00 (g/mL) ML Lab File ID: 19A67161.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 08/29/2006 09/01/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 09/05/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 09/07/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.53	U
11104-28-2	Aroclor 1221	0.53	U
11141-16-5	Aroclor 1232	0.53	U
53469-21-9	Aroclor 1242	0.53	U
12672-29-6	Aroclor 1248	0.53	U
11097-69-1	Aroclor 1254	0.53	U
11096-82-5	Aroclor 1260	0.53	U

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BH-4(1.2-1.5&2-3.5)

Contract: NY06-133

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A083

Matrix (soil/water): SOIL Lab Sample ID: AD652031

Level (low/med): LOW Date Received: 9/1/2006

% Solids: 92

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	3.4			P
7440-39-3	Barium	39.5			P
7440-43-9	Cadmium	0.21	U		P
7440-47-3	Chromium	7.0		E	P
7439-92-1	Lead	8.4		E	P
7782-49-2	Selenium	4.1	U		P
7440-22-4	Silver	0.52	U		P
7439-97-6	Mercury	0.019	U		CV

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BH-5

Contract: NY06-133

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A083

Matrix (soil/water): SOIL Lab Sample ID: AD652032

Level (low/med): LOW Date Received: 9/1/2006

% Solids: 82

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	5.3			P
7440-39-3	Barium	558			P
7440-43-9	Cadmium	0.25	U		P
7440-47-3	Chromium	2.2		E	P
7439-92-1	Lead	10.7		E	P
7782-49-2	Selenium	5.0	U		P
7440-22-4	Silver	0.63	U		P
7439-97-6	Mercury	0.073			CV

Color Before: VARIED Clarity Before: CLOUDY Texture: GRAVEL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

LaBella Associates

-1-

INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BH-6

Contract: NY06-133

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A083

Matrix (soil/water): SOIL Lab Sample ID: AD652033

Level (low/med): LOW Date Received: 9/1/2006

% Solids: 43

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

CAS No.	Analyte	Concentration	C	Q	M
7440-38-2	Arsenic	6.1			P
7440-39-3	Barium	46.2			P
7440-43-9	Cadmium	0.46	U		P
7440-47-3	Chromium	10.9		E	P
7439-92-1	Lead	9.3		E	P
7782-49-2	Selenium	9.2	U		P
7440-22-4	Silver	1.1	U		P
7439-97-6	Mercury	0.041	U		CV

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BS-1 (2-3.5)

Contract: NY06-133

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A083

Matrix (soil/water): SOIL Lab Sample ID: AD652037

Level (low/med): LOW Date Received: 9/6/2006

% Solids: 85

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

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	16.9	U		P
7440-38-2	Arsenic	14.6			P
7440-41-7	Beryllium	1.6		E	P
7440-43-9	Cadmium	0.55			P
7440-47-3	Chromium	16.0		E	P
7440-50-8	Copper	20.5			P
7439-92-1	Lead	82.2		E	P
7440-02-0	Nickel	9.6		E	P
7782-49-2	Selenium	4.5	U		P
7440-22-4	Silver	0.56	U		P
7439-97-6	Mercury	0.047			CV
7440-28-0	Thallium	6.7	U		P
7440-66-6	Zinc	845			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BS-10 (.6-1.3)

Contract: NY06-133

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A083

Matrix (soil/water): SOIL Lab Sample ID: AD652039

Level (low/med): LOW Date Received: 9/6/2006

% Solids: 88

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

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	16.0	U		P
7440-38-2	Arsenic	4.3			P
7440-41-7	Beryllium	4.5		E	P
7440-43-9	Cadmium	0.42			P
7440-47-3	Chromium	6.5		E	P
7440-50-8	Copper	10.6			P
7439-92-1	Lead	47.7		E	P
7440-02-0	Nickel	6.4		E	P
7782-49-2	Selenium	4.3	U		P
7440-22-4	Silver	0.68			P
7439-97-6	Mercury	0.066			CV
7440-28-0	Thallium	6.4	U		P
7440-66-6	Zinc	91.3			P

Color Before: VARIED Clarity Before: CLOUDY Texture: GRAVEL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BS-11(0.0-1.4)

Contract: NY06-133

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A083

Matrix (soil/water): SOIL Lab Sample ID: AD652027

Level (low/med): LOW Date Received: 9/1/2006

% Solids: 90

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

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	16.3	U		P
7440-38-2	Arsenic	3.3			P
7440-41-7	Beryllium	0.60		E	P
7440-43-9	Cadmium	0.25			P
7440-47-3	Chromium	7.4		E	P
7440-50-8	Copper	12.7			P
7439-92-1	Lead	27.9		E	P
7440-02-0	Nickel	8.5		E	P
7782-49-2	Selenium	4.4	U		P
7440-22-4	Silver	0.55	U		P
7439-97-6	Mercury	0.062			CV
7440-28-0	Thallium	6.5	U		P
7440-66-6	Zinc	58.6			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BS-12(0.4-0.6)

Contract: NY06-133

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A083

Matrix (soil/water): SOIL Lab Sample ID: AD652028

Level (low/med): LOW Date Received: 9/1/2006

% Solids: 95

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

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	14.7	U		P
7440-38-2	Arsenic	5.1			P
7440-41-7	Beryllium	0.70		E	P
7440-43-9	Cadmium	0.32			P
7440-47-3	Chromium	9.0		E	P
7440-50-8	Copper	16.1			P
7439-92-1	Lead	38.1		E	P
7440-02-0	Nickel	10.0		E	P
7782-49-2	Selenium	3.9	U		P
7440-22-4	Silver	0.53	U		P
7439-97-6	Mercury	0.063			CV
7440-28-0	Thallium	5.9	U		P
7440-66-6	Zinc	160			P

Color Before: BROWN Clarity Before: CLOUDY Texture: GRAVEL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BS-2 (2-2.4)

Contract: NY06-133

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A083

Matrix (soil/water): SOIL Lab Sample ID: AD652038

Level (low/med): LOW Date Received: 9/6/2006

% Solids: 88

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

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	16.3	U		P
7440-38-2	Arsenic	4.7			P
7440-41-7	Beryllium	2.9		E	P
7440-43-9	Cadmium	0.22	U		P
7440-47-3	Chromium	5.4		E	P
7440-50-8	Copper	6.3			P
7439-92-1	Lead	14.7		E	P
7440-02-0	Nickel	3.6		E	P
7782-49-2	Selenium	4.3	U		P
7440-22-4	Silver	0.57	U		P
7439-97-6	Mercury	0.063			CV
7440-28-0	Thallium	6.5	U		P
7440-66-6	Zinc	78.7			P

Color Before: VARIED Clarity Before: CLOUDY Texture: GRAVEL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BS-3(1.1-1.7)

Contract: NY06-133

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A083

Matrix (soil/water): SOIL Lab Sample ID: AD652024

Level (low/med): LOW Date Received: 9/1/2006

% Solids: 85

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

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	16.9	U		P
7440-38-2	Arsenic	4.0			P
7440-41-7	Beryllium	0.34		E	P
7440-43-9	Cadmium	0.25			P
7440-47-3	Chromium	7.8		E	P
7440-50-8	Copper	26.1			P
7439-92-1	Lead	15.5		E	P
7440-02-0	Nickel	7.9		E	P
7782-49-2	Selenium	4.5	U		P
7440-22-4	Silver	0.56	U		P
7439-97-6	Mercury	0.058			CV
7440-28-0	Thallium	6.8	U		P
7440-66-6	Zinc	51.1			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BS-4(1.0-1.5)

Contract: NY06-133

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A083

Matrix (soil/water): SOIL Lab Sample ID: AD652025

Level (low/med): LOW Date Received: 9/1/2006

% Solids: 85

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

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	17.7	U		P
7440-38-2	Arsenic	5.1			P
7440-41-7	Beryllium	5.0		E	P
7440-43-9	Cadmium	0.24	U		P
7440-47-3	Chromium	2.3		E	P
7440-50-8	Copper	4.2			P
7439-92-1	Lead	5.5		E	P
7440-02-0	Nickel	2.9		E	P
7782-49-2	Selenium	4.7	U		P
7440-22-4	Silver	0.57	U		P
7439-97-6	Mercury	0.020	U		CV
7440-28-0	Thallium	7.1	U		P
7440-66-6	Zinc	16.9			P

Color Before: VARIED Clarity Before: CLOUDY Texture: GRAVEL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BS-5 COMP 1

Contract: NY06-133

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A083

Matrix (soil/water): SOIL Lab Sample ID: AD652567

Level (low/med): LOW Date Received: 9/6/2006

% Solids: 89

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10400		E*	P
7440-36-0	Antimony	14.7	U	N	P
7440-38-2	Arsenic	9.0		N	P
7440-39-3	Barium	103		NE*	P
7440-41-7	Beryllium	2.1		E	P
7440-43-9	Cadmium	0.46		N	P
7440-70-2	Calcium	125000			P
7440-47-3	Chromium	16.0		NE*	P
7440-48-4	Cobalt	4.2		E	P
7440-50-8	Copper	11.8		E	P
7439-89-6	Iron	70600		E*	P
7439-92-1	Lead	16.0		E	P
7439-95-4	Magnesium	9560		E*	P
7439-96-5	Manganese	1300		E	P
7440-02-0	Nickel	8.6		NE*	P
7440-09-7	Potassium	940			P
7782-49-2	Selenium	3.9	U	N*	P
7440-22-4	Silver	0.49	U		P
7439-97-6	Mercury	0.019	U		CV
7440-23-5	Sodium	354		N*	P
7440-28-0	Thallium	5.9	U	N	P
7440-62-2	Vanadium	16.7		E	P
7440-66-6	Zinc	216		E*	P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BS-6 (2-2.7)

Contract: NY06-133

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A083

Matrix (soil/water): SOIL Lab Sample ID: AD652040

Level (low/med): LOW Date Received: 9/6/2006

% Solids: 92

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

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	16.7	U		P
7440-38-2	Arsenic	6.5			P
7440-41-7	Beryllium	0.74		E	P
7440-43-9	Cadmium	0.31			P
7440-47-3	Chromium	9.8		E	P
7440-50-8	Copper	25.1			P
7439-92-1	Lead	74.6		E	P
7440-02-0	Nickel	29.2		E	P
7782-49-2	Selenium	4.4	U		P
7440-22-4	Silver	0.55	U		P
7439-97-6	Mercury	0.074			CV
7440-28-0	Thallium	6.7	U		P
7440-66-6	Zinc	204			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BS-7(1-1.5 & 2-2.8)

Contract: NY06-133

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A083

Matrix (soil/water): SOIL Lab Sample ID: AD652029

Level (low/med): LOW Date Received: 9/1/2006

% Solids: 87

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	6900			P
7440-36-0	Antimony	16.7	U		P
7440-38-2	Arsenic	13.7			P
7440-39-3	Barium	190			P
7440-41-7	Beryllium	2.1		E	P
7440-43-9	Cadmium	0.62			P
7440-70-2	Calcium	34200			P
7440-47-3	Chromium	28.9		E	P
7440-48-4	Cobalt	8.5			P
7440-50-8	Copper	41.4			P
7439-89-6	Iron	223000			P
7439-92-1	Lead	89.9		E	P
7439-95-4	Magnesium	4560			P
7439-96-5	Manganese	3340			P
7440-02-0	Nickel	13.8		E	P
7440-09-7	Potassium	1630			P
7782-49-2	Selenium	4.4	U		P
7440-22-4	Silver	0.55	U		P
7439-97-6	Mercury	0.026			CV
7440-23-5	Sodium	943			P
7440-28-0	Thallium	6.7	U		P
7440-62-2	Vanadium	34.4			P
7440-66-6	Zinc	473			P

Color Before: BROWN Clarity Before: CLOUDY Texture: TOPSOIL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BS-8(2.0-2.5)

Contract: NY06-133

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A083

Matrix (soil/water): SOIL Lab Sample ID: AD652026

Level (low/med): LOW Date Received: 9/1/2006

% Solids: 87

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

CAS No.	Analyte	Concentration	C	Q	M
7440-36-0	Antimony	15.8	U		P
7440-38-2	Arsenic	2.5			P
7440-41-7	Beryllium	6.0		E	P
7440-43-9	Cadmium	0.21	U		P
7440-47-3	Chromium	1.5		E	P
7440-50-8	Copper	7.2			P
7439-92-1	Lead	6.2		E	P
7440-02-0	Nickel	3.2		E	P
7782-49-2	Selenium	4.2	U		P
7440-22-4	Silver	0.54	U		P
7439-97-6	Mercury	0.026			CV
7440-28-0	Thallium	6.3	U		P
7440-66-6	Zinc	11.8			P

Color Before: VARIED Clarity Before: CLOUDY Texture: GRAVEL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

BS-9(2-3.2 & 4-4.6)

Contract: NY06-133

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A083

Matrix (soil/water): SOIL Lab Sample ID: AD652030

Level (low/med): LOW Date Received: 9/1/2006

% Solids: 92

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	21200			P
7440-36-0	Antimony	15.6	U		P
7440-38-2	Arsenic	2.1	U		P
7440-39-3	Barium	362			P
7440-41-7	Beryllium	3.2		E	P
7440-43-9	Cadmium	0.21	U		P
7440-70-2	Calcium	214000			P
7440-47-3	Chromium	1.8		E	P
7440-48-4	Cobalt	0.12	B		P
7440-50-8	Copper	1.1			P
7439-89-6	Iron	2070			P
7439-92-1	Lead	1.2		E	P
7439-95-4	Magnesium	13500			P
7439-96-5	Manganese	162			P
7440-02-0	Nickel	0.74		E	P
7440-09-7	Potassium	3300			P
7782-49-2	Selenium	4.2	U		P
7440-22-4	Silver	0.56	U		P
7439-97-6	Mercury	0.017	U		CV
7440-23-5	Sodium	627			P
7440-28-0	Thallium	6.2	U		P
7440-62-2	Vanadium	5.3			P
7440-66-6	Zinc	4.9			P

Color Before: VARIED Clarity Before: CLOUDY Texture: GRAVEL

Color After: YELLOW Clarity After: CLDY/FI Artifacts:

Comments:

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA SHEET

SAMPLE NO.

FIELD BLANK

Contract: NY06-133

Lab Code: STLBLFO Case No.: SAS No.: SDG NO.: A083

Matrix (soil/water): WATER Lab Sample ID: AD651575

Level (low/med): LOW Date Received: 9/1/2006

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	200	U		P
7440-36-0	Antimony	20.0	U		P
7440-38-2	Arsenic	1.00	U		M
7440-39-3	Barium	2.0	U		P
7440-41-7	Beryllium	2.0	U		P
7440-43-9	Cadmium	1.0	U		P
7440-70-2	Calcium	500	U		P
7440-47-3	Chromium	4.0	U		P
7440-48-4	Cobalt	4.0	U		P
7440-50-8	Copper	10.0	U		P
7439-89-6	Iron	196			P
7439-95-4	Magnesium	200	U		P
7439-96-5	Manganese	3.3			P
7440-02-0	Nickel	10.0	U		P
7440-09-7	Potassium	500	U		P
7782-49-2	Selenium	15.0	U		P
7440-22-4	Silver	3.0	U		P
7439-97-6	Mercury	0.200	U		CV
7440-23-5	Sodium	1390			P
7440-28-0	Thallium	20.0	U		P
7440-62-2	Vanadium	5.0	U		P
7440-66-6	Zinc	10.6			P
7439-92-1	Lead	1.00	U		M

Color Before: COLORLESS Clarity Before: CLEAR Texture: NONE

Color After: COLORLESS Clarity After: CLEAR Artifacts:

Comments:

LaBella Associates
LaBella Associates
Wet Chemistry Analysis

Client Sample No.

BH-4(1.2-1.5&2-3.5)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix (soil/water): SOIL Lab Sample ID: A6A08310

% Solids: 89.0 Date Samp/Recv: 08/29/2006 09/01/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
SGT Total Petroleum Hydrocarbons	MG/KG	305				1664 SGT	09/09/2006

Comments:

LaBella Associates
LaBella Associates
Wet Chemistry Analysis

Client Sample No.

BH-5

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix (soil/water): SOIL Lab Sample ID: A6A08311

% Solids: 83.1 Date Samp/Recv: 08/29/2006 09/01/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
SGT Total Petroleum Hydrocarbons	MG/KG	218				1664 SGT	09/09/2006

Comments:

LaBella Associates
LaBella Associates
Wet Chemistry Analysis

Client Sample No.

BH-6

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix (soil/water): SOIL Lab Sample ID: A6A08312

% Solids: 86.5 Date Samp/Recv: 08/31/2006 09/01/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
SGT Total Petroleum Hydrocarbons	MG/KG	511				1664 SGT	09/09/2006

Comments:

LaBella Associates
LaBella Associates
Wet Chemistry Analysis

Client Sample No.

BS-5 COMP 1

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix (soil/water): SOIL Lab Sample ID: A6A16906

% Solids: 89.3 Date Samp/Recv: 09/01/2006 09/06/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	0.95	U			9012A	09/14/2006

Comments:

LaBella Associates
LaBella Associates
Wet Chemistry Analysis

Client Sample No.: BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix (soil/water): SOIL Lab Sample ID: A6A16907

% Solids: 82.4 Date Samp/Recv: 09/01/2006 09/06/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.1	U			9012A	09/14/2006

Comments:

LaBella Associates
LaBella Associates
Wet Chemistry Analysis

Client Sample No.

BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix (soil/water): SOIL Lab Sample ID: A6A16907FD

% Solids: 82.4 Date Samp/Recv: 09/01/2006 09/06/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	0.98	U			9012A	09/14/2006

Comments:

_____

_____

_____

_____

LaBella Associates
LaBella Associates
Wet Chemistry Analysis

Client Sample No.: BS-5 COMP 2

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix (soil/water): SOIL Lab Sample ID: A6A31602

% Solids: 0.0 Date Samp/Recv: 09/01/2006 09/06/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Carbon	MG/KG	3210				KAHN	09/13/2006

Comments:

LaBella Associates
LaBella Associates
Wet Chemistry Analysis

Client Sample No.

BS-7 (8.0-9.2)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix (soil/water): SOIL Lab Sample ID: A6A17101

% Solids: 0.0 Date Samp/Recv: 08/30/2006 09/06/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Carbon	MG/KG	658	U			KAHN	09/07/2006

Comments:

LaBella Associates
LaBella Associates
Wet Chemistry Analysis

Client Sample No.

BS-7(1-1.5 & 2-2.8)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix (soil/water): SOIL Lab Sample ID: A6A08306

% Solids: 87.0 Date Samp/Recv: 08/30/2006 09/01/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.1	U			9012A	09/08/2006

Comments:

LaBella Associates
LaBella Associates
Wet Chemistry Analysis

Client Sample No.

BS-7(4-5.5 & 6-7.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix (soil/water): SOIL Lab Sample ID: A6A08308

% Solids: 80.1 Date Samp/Recv: 08/30/2006 09/01/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.2	U			9012A	09/08/2006

Comments:

LaBella Associates
LaBella Associates
Wet Chemistry Analysis

Client Sample No.

BS-9 (14-15)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix (soil/water): SOIL Lab Sample ID: A6A17102

% Solids: 0.0 Date Samp/Recv: 08/30/2006 09/06/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Total Carbon	MG/KG	12000				KAHN	09/07/2006

Comments:

LaBella Associates
LaBella Associates
Wet Chemistry Analysis

Client Sample No.

BS-9(2-3.2 & 4-4.6)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix (soil/water): SOIL Lab Sample ID: A6A08307

% Solids: 92.1 Date Samp/Recv: 08/30/2006 09/01/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.1	U			9012A	09/08/2006

Comments:

LaBella Associates
LaBella Associates
Wet Chemistry Analysis

Client Sample No.

BS-9(6.0-6.9)

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix (soil/water): SOIL Lab Sample ID: A6A08309

% Solids: 91.9 Date Samp/Recv: 08/30/2006 09/01/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	UG/G	1.1	U			9012A	09/08/2006

Comments:

LaBella Associates
LaBella Associates
Wet Chemistry Analysis

Client Sample No.

FIELD BLANK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: A083

Matrix (soil/water): WATER Lab Sample ID: A6A08313

% Solids: 0.0 Date Samp/Recv: 08/29/2006 09/01/2006

Parameter Name	Units of Measure	Result	C	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/L	0.010	U			9012	09/08/2006
SGT Total Petroleum Hydrocarbons	MG/L	5.0	U			1664 SGT	09/03/2006

Comments:

STL Buffalo
10 Hazelwood Drive
Suite 106
Amherst, NY 14288
phone 716-691-2600 fax 716-691-7991

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

Client Contact	Project Manager: Mr. Dennis Porter	Site Contact: Craig A. Stiles	Date: September 6, 2006	COC No:
LaBella Associates, P.C.	Tel/Fax: (585) 454-6110 / 454-3066	Lab Contact: Jason Kikalski	Carrier: Lab Courier	__1__ of __1__ COCs
300 State Street, Suite 201	Analysis Turnaround Time			Job No. 206377 Phase
Rochester, New York 14614	Calendar (C) or Work Days (W) _____			
(585) 454-6110 Phone	TAT if different from Below _____			SDG No.
(585) 454-3066 FAX	☐ 2 weeks			
Project Name: Proposed Port Marina	☒ Standard			
Site: Port of Rochester	☐ 2 days			
P O # 206377	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample	VOCs TCL Only (8260B TCL Only)	VOCs TCL + TICs (8260B TCL + TICs)	SVOCs TCL Only (8270C TCL Only)	SVOCs TCL + TICs (8270C TCL + TICs)	Priority Pollutant List Metals	TAL Metals	PCBs	Pesticides	Cyanide	Total Organic Carbon	Sample Specific Notes:
Trip Blank	1-Sep-06	0645	Soil	Water	2	No	X										Preservative = HCl
BS-1 (2' - 3.5')	1-Sep-06	0716	Soil	Soil	1	No					X						Lab to Homogenize Prior to Analaysis
BS-2 (2' - 2.4')	1-Sep-06	0823	Soil	Soil	1	No					X						Lab to Homogenize Prior to Analaysis
BS-10 (0.6' - 1.3')	1-Sep-06	1055	Soil	Soil	1	No					X						Lab to Homogenize Prior to Analaysis
BS-6 (2' - 2.7')	5-Sep-06	1020	Soil	Soil	1	No					X						Lab to Homogenize Prior to Analaysis
BS-5 (1' - 1.3')	1-Sep-06	1205	Soil	Soil	1	No		X		X		X	X	X	X		
BS-5 (2' - 2.7')	1-Sep-06	1208	Soil	Soil	2	No		X		X		X	X	X	X		Lab to Composite and Also
BS-5 (4' - 5.2')	1-Sep-06	1220	Soil	Soil	2	No		X		X		X	X	X	X		Analyze for MS/MSD
BS-5 (6' - 6.2')	1-Sep-06	1225	Soil	Soil	1	No		X		X		X	X	X	X		
BS-5 (8' - 8.2')	1-Sep-06	1233	Soil	Soil	1	No	X		X				X	X	X	X	
BS-5 (10' - 11.1')	1-Sep-06	1240	Soil	Soil	1	No	X		X				X	X	X	X	Lab to Composite and Also
BS-5 (12' - 13.2')	1-Sep-06	1247	Soil	Soil	1	No	X		X				X	X	X	X	
BS-7 (8.0' to 9.2')	30-Aug-06	1255	Soil	Soil	1	No										X	
BS-9 (14' to 15')	30-Aug-06	0920	Soil	Soil	1	No										X	Run Duplicate Analysis
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____							1	1	1	1	1	1	1	1	1	1	

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments: **ASP Category B Deliverables**

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Craig A. Stiles	LaBella Associates, P.C.	~~8/28/06~~ 9/6/06 @ 0901		STL	09/06/2006 @ 0901
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

Both ONE COOLER : SAMPLES

314/4386

STL Buffalo
10 Hazelwood Drive
Suite 106
Amherst, New York 14228
phone 716-691-2600 fax 716-691-7991

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

Client Contact	Project Manager: Dennis Porter	Site Contact:	Date:	COC No:
LaBella Associates, P.C.	Tel/Fax: (585) 295-6245 / 454-3066	Lab Contact:	Carrier:	1 of 1 COCs
300 State Street, Suite 201	Analysis Turnaround Time			Job No.
Rochester, New York 14614	Calendar (C) or Work Days (W) _____			
(585) 454-6110 Phone	TAT if different from Below Standard			SDG No.
(585) 454-3066 FAX	☐ 2 weeks			
Project Name: Proposed Port Marina	☐ 1 week			
Site: Port of Rochester, Rochester, NY	☐ 2 days			
P O # 206377	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Matrix Spike	PPL METALS	TCL VOCs plus TICs	TCL SVOCs plus TICs	PCBs	Pesticides	TAL Metals	Cyanide	TCL VOCs	TCL SVOCs	TCL VOCs plus NYSDEC STARS	NYSDEC STARS SVOCs	RCRA Metals	TPH					Sample Specific Notes:
BS-3 (1.1'-1.7')	8/29/2006	15:22	COMP	FILL	1		X																	
BS-4 (1.0'-1.5')	8/29/2006	13:12	COMP	FILL	1		X																	
BS-8 (2.0'-2.5')	8/30/2006	10:43	COMP	FILL	1		X																	
BS-11 (0.0'-1.4')	8/31/2006	14:35	COMP	FILL	1		X																	
BS-12 (0.4'-0.6')	8/30/2006	14:20	COMP	FILL	1		X																	
BS-7 (1.0'-1.5' & 2.0'-2.8')	8/30/2006	12:27	COMP	FILL	3			X	X	X	X	X	X											
BS-9 (2.0'-3.2' & 4.0'-4.6')	8/30/2006	08:38	COMP	FILL	3			X	X	X	X	X	X											
BS-7 (4.0'-5.5' & 6.0'-7.6')	8/30/2006	12:35	COMP	SOIL	2					X	X		X	X	X									
BS-9 (6.0'-6.9')	8/30/2006	08:50	COMP	SOIL	2					X	X		X	X	X									
BH-4 (1.2'-1.5' & 2.0'-3.5')	8/29/2006	09:35	COMP	SOIL	2					X						X	X	X	X					
BH-5 (1.0'-1.5', 2.0'-3.5', & 3.5'-4.2')	8/29/2006	11:35	COMP	SOIL	3					X						X	X	X	X					
BH-6 (1.0'-1.5', 2.0'-3.8', & 4.0'-4.3')	8/31/2006	10:29	COMP	SOIL	3					X						X	X	X	X					
Field Blank	8/29/2006	13:00	NA	Water	8			X	X	X	X	X	X						X					
Trip Blank	8/31/2006	17:00	NA	Water	2											X								

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification
■ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☐ *Disposal By Lab* ■ *Archive For* 1 *Months*

Special Instructions/QC Requirements & Comments: (1) Please composite each sample with multiple jars into 1 homogeneous sample. (2) Please call Dennis Porter at LaBella Associates before disposing of samples. (3) Samples require Cat B

Relinquished by: Craig A. Stiles	Company: LaBella Associates, P.C.	Date/Time: 8-31-06 / 17:00	Received by:	Company:	Date/Time:
Relinquished by: Michael F. Blyth	Company: LaBella Assoc.	Date/Time: 8-31-06 @1700	Received by:	Company:	Date/Time:
Relinquished by: Michael F. Blyth	Company: "	Date/Time: 9-1-06 @1300	Received by:	Company: STL	Date/Time: 9/1/06 1510
	STL	9-1-06 1720		STL	9-1-06 1720

315/4386

SEVERN TRENT STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A06-D454

STL Project#: NY2A8951.6
Site Name: LaBella Associates
Task: Proposed Port Marina

Mr. Dan Noll
LaBella Associates
300 State St. Suite 201
Rochester, NY 14614

STL Buffalo

Jason R. Kacalski
Project Manager

11/29/2006

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6D45402	BS-13 (2.0-3.1)	SOIL	11/07/2006	10:05	11/10/2006	16:20
A6D45401	BS-18 (2.0-3.4)	SOIL	11/06/2006	13:22	11/10/2006	16:20
A6D45406	BS-21 (4.0-4.5)	SOIL	11/08/2006	07:15	11/10/2006	16:20
A6D45403	BS-22 (2.0-3.0)	SOIL	11/07/2006	07:55	11/10/2006	16:20
A6D45408	BS-27 (4.5-5.5)	SOIL	11/08/2006	07:42	11/10/2006	16:20
A6D45407	BS-28 (4.0-5.4)	SOIL	11/08/2006	14:30	11/10/2006	16:20
A6D45404	BS-30 (0.5-1.1)	SOIL	11/07/2006	10:53	11/10/2006	16:20
A6D45405	BS-31 (2.0-2.9)	SOIL	11/07/2006	10:12	11/10/2006	16:20
A6D45409	Trip Blank	WATER	11/06/2006		11/10/2006	16:20

METHODS SUMMARY

Job#: A06-D454

SIL Project#: NY2A8951.6
Site Name: LaBella Associates

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - STARS LIST	SW8463 8260
METHOD 8270 - SOIL - STARS BASE NEUTRAL COMPOUNDS	SW8463 8270
Arsenic - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Mercury - Total	SW8463 7471

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-D454

STL Project#: NY2A8951.6
Site Name: LaBella Associates

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-D454
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

The analyte Toluene was detected in the Trip Blank at a level above the reporting limit. Toluene was not detected in any of the associated samples, therefore there is no impact on data usability.

GC/MS Semivolatile Data

The relative percent difference (%RPD) between the Matrix Spike Blank/Matrix Spike Blank Duplicate MSB18/MSBD18 exceeded quality control criteria for Acenaphthene. The remaining analyte's individual recoveries are compliant. No action required.

The chromatographic peaks for Benzo(b)fluoranthene and Benzo(k)fluoranthene could not be resolved for samples BS-22 (2.0-3.0) and BS-27 (4.5-5.5) due to the sample matrix. The final value is reported as Benzo(b)fluoranthene in this data package but should be considered an and/or value for both compounds.

Metals Data

The recoveries of sample BS-18 (2.0-3.4) Post Spike exhibited results below the quality control limits for Arsenic, Cadmium, and Chromium. However, the LCS was acceptable.

The Serial Dilution of sample BS-18 (2.0-3.4) exceeded the quality control limits for Chromium. However, the LCS was acceptable.

****

Date: 11/29/2006
Time: 09:06:52

Dilution Log w/Code Information
For Job A06-D454

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
BS-13 (2.0-3.1)	A6D45402	8270	20.00	012
BS-30 (0.5-1.1)	A6D45404	8270	20.00	012
BS-31 (2.0-2.9)	A6D45405	8270	5.00	012

Dilution Code Definition:

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

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
BS-13 (2.0-3.1)	A6D45402	SW8463	SW8463	-	-	SW8463	-	-
BS-18 (2.0-3.4)	A6D45401	SW8463	SW8463	-	-	SW8463	-	-
BS-21 (4.0-4.5)	A6D45406	SW8463	SW8463	-	-	SW8463	-	-
BS-22 (2.0-3.0)	A6D45403	SW8463	SW8463	-	-	SW8463	-	-
BS-27 (4.5-5.5)	A6D45408	SW8463	SW8463	-	-	SW8463	-	-
BS-28 (4.0-5.4)	A6D45407	SW8463	SW8463	-	-	SW8463	-	-
BS-30 (0.5-1.1)	A6D45404	SW8463	SW8463	-	-	SW8463	-	-
BS-31 (2.0-2.9)	A6D45405	SW8463	SW8463	-	-	SW8463	-	-

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
BS-13 (2.0-3.1)	SOIL	11/07/2006	11/10/2006	-	11/15/2006
BS-18 (2.0-3.4)	SOIL	11/06/2006	11/10/2006	-	11/15/2006
BS-21 (4.0-4.5)	SOIL	11/08/2006	11/10/2006	-	11/15/2006
BS-22 (2.0-3.0)	SOIL	11/07/2006	11/10/2006	-	11/15/2006
BS-27 (4.5-5.5)	SOIL	11/08/2006	11/10/2006	-	11/15/2006
BS-28 (4.0-5.4)	SOIL	11/08/2006	11/10/2006	-	11/15/2006
BS-30 (0.5-1.1)	SOIL	11/07/2006	11/10/2006	-	11/15/2006
BS-31 (2.0-2.9)	SOIL	11/07/2006	11/10/2006	-	11/15/2006

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
B\N-A ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
BS-13 (2.0-3.1)	SOIL	11/07/2006	11/10/2006	11/15/2006	11/16/2006
BS-18 (2.0-3.4)	SOIL	11/06/2006	11/10/2006	11/15/2006	11/16/2006
BS-21 (4.0-4.5)	SOIL	11/08/2006	11/10/2006	11/15/2006	11/16/2006
BS-22 (2.0-3.0)	SOIL	11/07/2006	11/10/2006	11/15/2006	11/16/2006
BS-27 (4.5-5.5)	SOIL	11/08/2006	11/10/2006	11/15/2006	11/16/2006
BS-28 (4.0-5.4)	SOIL	11/08/2006	11/10/2006	11/15/2006	11/16/2006
BS-30 (0.5-1.1)	SOIL	11/07/2006	11/10/2006	11/15/2006	11/16/2006
BS-31 (2.0-2.9)	SOIL	11/07/2006	11/10/2006	11/15/2006	11/16/2006

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
BS-13 (2.0-3.1)	SOIL	RCRA ME	11/10/2006	11/14/2006	11/14-11/15/2006
BS-18 (2.0-3.4)	SOIL	RCRA ME	11/10/2006	11/14/2006	11/14-11/15/2006
BS-21 (4.0-4.5)	SOIL	RCRA ME	11/10/2006	11/14/2006	11/14-11/15/2006
BS-22 (2.0-3.0)	SOIL	RCRA ME	11/10/2006	11/14/2006	11/14-11/15/2006
BS-27 (4.5-5.5)	SOIL	RCRA ME	11/10/2006	11/14/2006	11/14-11/15/2006
BS-28 (4.0-5.4)	SOIL	RCRA ME	11/10/2006	11/14/2006	11/14-11/15/2006
BS-30 (0.5-1.1)	SOIL	RCRA ME	11/10/2006	11/14/2006	11/14-11/15/2006
BS-31 (2.0-2.9)	SOIL	RCRA ME	11/10/2006	11/14/2006	11/14-11/15/2006

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
BS-13 (2.0-3.1)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
BS-18 (2.0-3.4)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
BS-21 (4.0-4.5)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
BS-22 (2.0-3.0)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
BS-27 (4.5-5.5)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
BS-28 (4.0-5.4)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
BS-30 (0.5-1.1)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
BS-31 (2.0-2.9)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
BS-13 (2.0-3.1)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-18 (2.0-3.4)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-21 (4.0-4.5)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-22 (2.0-3.0)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-27 (4.5-5.5)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-28 (4.0-5.4)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-30 (0.5-1.1)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-31 (2.0-2.9)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED

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.

LABELLA ASSOCIATES
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METHOD 8260 - STARS LIST
ANALYSIS DATA SHEET

Client No.

BS-13 (2.0-3.1)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D45402

Sample wt/vol: 5.10 (g/mL) G Lab File ID: F3566.RR

Level: (low/med) LOW Date Samp/Recv: 11/07/2006 11/10/2006

% Moisture: not dec. 6 Heated Purge: Y Date Analyzed: 11/15/2006

GC Column: DB-624 ID: 0.18 (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
71-43-2	Benzene	5	U
100-41-4	Ethylbenzene	5	U
108-88-3	Toluene	5	U
1330-20-7	Total Xylenes	16	U
98-82-8	Isopropylbenzene	5	U
103-65-1	n-Propylbenzene	5	U
99-87-6	p-Cymene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
104-51-8	n-Butylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
98-06-6	tert-Butylbenzene	5	U
91-20-3	Naphthalene	5	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5	U

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METHOD 8260 - STARS LIST
ANALYSIS DATA SHEET

Client No.

BS-18 (2.0-3.4)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D45401

Sample wt/vol: 5.11 (g/mL) G Lab File ID: F3565.RR

Level: (low/med) LOW Date Samp/Recv: 11/06/2006 11/10/2006

% Moisture: not dec. 12 Heated Purge: Y Date Analyzed: 11/15/2006

GC Column: DB-624 ID: 0.18 (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
71-43-2	Benzene	6	U
100-41-4	Ethylbenzene	6	U
108-88-3	Toluene	6	U
1330-20-7	Total Xylenes	17	U
98-82-8	Isopropylbenzene	6	U
103-65-1	n-Propylbenzene	6	U
99-87-6	p-Cymene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
104-51-8	n-Butylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
98-06-6	tert-Butylbenzene	6	U
91-20-3	Naphthalene	6	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	6	U

LABELLA ASSOCIATES
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METHOD 8260 - STARS LIST
ANALYSIS DATA SHEET

Client No.

BS-21 (4.0-4.5)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D45406

Sample wt/vol: 5.05 (g/mL) G Lab File ID: F3570.RR

Level: (low/med) LOW Date Samp/Recv: 11/08/2006 11/10/2006

% Moisture: not dec. 3 Heated Purge: Y Date Analyzed: 11/15/2006

GC Column: DB-624 ID: 0.18 (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
71-43-2	Benzene	5	U
100-41-4	Ethylbenzene	5	U
108-88-3	Toluene	5	U
1330-20-7	Total Xylenes	15	U
98-82-8	Isopropylbenzene	5	U
103-65-1	n-Propylbenzene	5	U
99-87-6	p-Cymene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
104-51-8	n-Butylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
98-06-6	tert-Butylbenzene	5	U
91-20-3	Naphthalene	5	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5	U

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METHOD 8260 - STARS LIST
ANALYSIS DATA SHEET

Client No.

BS-22 (2.0-3.0)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D45403

Sample wt/vol: 5.02 (g/mL) G Lab File ID: F3567.RR

Level: (low/med) LOW Date Samp/Recv: 11/07/2006 11/10/2006

% Moisture: not dec. 6 Heated Purge: Y Date Analyzed: 11/15/2006

GC Column: DB-624 ID: 0.18 (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
71-43-2	Benzene	5	U
100-41-4	Ethylbenzene	5	U
108-88-3	Toluene	5	U
1330-20-7	Total Xylenes	16	U
98-82-8	Isopropylbenzene	5	U
103-65-1	n-Propylbenzene	5	U
99-87-6	p-Cymene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
104-51-8	n-Butylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
98-06-6	tert-Butylbenzene	5	U
91-20-3	Naphthalene	5	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5	U

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METHOD 8260 - STARS LIST
ANALYSIS DATA SHEET

Client No.

BS-27 (4.5-5.5)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D45408

Sample wt/vol: 5.16 (g/mL) G Lab File ID: F3572.RR

Level: (low/med) LOW Date Samp/Recv: 11/08/2006 11/10/2006

% Moisture: not dec. 12 Heated Purge: Y Date Analyzed: 11/15/2006

GC Column: DB-624 ID: 0.18 (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
71-43-2	Benzene	6	U
100-41-4	Ethylbenzene	6	U
108-88-3	Toluene	6	U
1330-20-7	Total Xylenes	16	U
98-82-8	Isopropylbenzene	6	U
103-65-1	n-Propylbenzene	6	U
99-87-6	p-Cymene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
104-51-8	n-Butylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
98-06-6	tert-Butylbenzene	6	U
91-20-3	Naphthalene	6	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	6	U

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METHOD 8260 - STARS LIST
ANALYSIS DATA SHEET

Client No.

BS-28 (4.0-5.4)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D45407

Sample wt/vol: 5.19 (g/mL) G Lab File ID: F3571.RR

Level: (low/med) LOW Date Samp/Recv: 11/08/2006 11/10/2006

% Moisture: not dec. 5 Heated Purge: Y Date Analyzed: 11/15/2006

GC Column: DB-624 ID: 0.18 (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
71-43-2	Benzene	5	U
100-41-4	Ethylbenzene	5	U
108-88-3	Toluene	5	U
1330-20-7	Total Xylenes	15	U
98-82-8	Isopropylbenzene	5	U
103-65-1	n-Propylbenzene	5	U
99-87-6	p-Cymene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
104-51-8	n-Butylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
98-06-6	tert-Butylbenzene	5	U
91-20-3	Naphthalene	5	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5	U

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METHOD 8260 - STARS LIST
ANALYSIS DATA SHEET

Client No.

BS-30 (0.5-1.1)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D45404

Sample wt/vol: 5.10 (g/mL) G Lab File ID: F3568.RR

Level: (low/med) LOW Date Samp/Recv: 11/07/2006 11/10/2006

% Moisture: not dec. 4 Heated Purge: Y Date Analyzed: 11/15/2006

GC Column: DB-624 ID: 0.18 (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
71-43-2	Benzene	5	U
100-41-4	Ethylbenzene	5	U
108-88-3	Toluene	5	U
1330-20-7	Total Xylenes	15	U
98-82-8	Isopropylbenzene	5	U
103-65-1	n-Propylbenzene	5	U
99-87-6	p-Cymene	5	U
95-63-6	1,2,4-Trimethylbenzene	5	U
108-67-8	1,3,5-Trimethylbenzene	5	U
104-51-8	n-Butylbenzene	5	U
135-98-8	sec-Butylbenzene	5	U
98-06-6	tert-Butylbenzene	5	U
91-20-3	Naphthalene	1	BJ
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5	U

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METHOD 8260 - STARS LIST
ANALYSIS DATA SHEET

Client No.

BS-31 (2.0-2.9)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D45405

Sample wt/vol: 5.18 (g/mL) G Lab File ID: F3569.RR

Level: (low/med) LOW Date Samp/Recv: 11/07/2006 11/10/2006

% Moisture: not dec. 13 Heated Purge: Y Date Analyzed: 11/15/2006

GC Column: DB-624 ID: 0.18 (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
71-43-2	Benzene	6	U
100-41-4	Ethylbenzene	6	U
108-88-3	Toluene	6	U
1330-20-7	Total Xylenes	17	U
98-82-8	Isopropylbenzene	6	U
103-65-1	n-Propylbenzene	6	U
99-87-6	p-Cymene	6	U
95-63-6	1,2,4-Trimethylbenzene	6	U
108-67-8	1,3,5-Trimethylbenzene	6	U
104-51-8	n-Butylbenzene	6	U
135-98-8	sec-Butylbenzene	6	U
98-06-6	tert-Butylbenzene	6	U
91-20-3	Naphthalene	6	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	6	U

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8260 - STARS LIST
ANALYSIS DATA SHEET

Client No.

Trip Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D45409

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F3564.RR

Level: (low/med) LOW Date Samp/Recv: 11/06/2006 11/10/2006

% Moisture: not dec. _____ Heated Purge: Y Date Analyzed: 11/15/2006

GC Column: DB-624 ID: 0.18 (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
71-43-2	Benzene	1	U
100-41-4	Ethylbenzene	1	U
108-88-3	Toluene	3	
95-47-6	o-Xylene	1	U
----------	m/p-Xylenes	2	U
1330-20-7	Total Xylenes	3	U
98-82-8	Isopropylbenzene	1	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
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1	U

LABELLA ASSOCIATES
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METHOD 8270 - SOIL - STARS BASE NEUTRAL COMPOUNDS
ANALYSIS DATA SHEET

Client No.

BS-13 (2.0-3.1)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D45402

Sample wt/vol: 30.80 (g/mL) G Lab File ID: U17072.RR

Level: (low/med) LOW Date Samp/Recv: 11/07/2006 11/10/2006

% Moisture: 11 decanted: (Y/N) N Date Extracted: 11/15/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/16/2006

Injection Volume: 1.00 (uL) Dilution Factor: 20.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	7200	U
120-12-7	Anthracene	7200	U
56-55-3	Benzo(a)anthracene	380	J
205-99-2	Benzo(b)fluoranthene	7200	U
207-08-9	Benzo(k)fluoranthene	7200	U
191-24-2	Benzo(ghi)perylene	7200	U
50-32-8	Benzo(a)pyrene	7200	U
218-01-9	Chrysene	7200	U
53-70-3	Dibenzo(a,h)anthracene	7200	U
206-44-0	Fluoranthene	410	J
86-73-7	Fluorene	7200	U
193-39-5	Indeno(1,2,3-cd)pyrene	7200	U
85-01-8	Phenanthrene	7200	U
129-00-0	Pyrene	460	J
91-20-3	Naphthalene	7200	U

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8270 - SOIL - STARS BASE NEUTRAL COMPOUNDS
ANALYSIS DATA SHEET

Client No.

BS-18 (2.0-3.4)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D45401

Sample wt/vol: 30.07 (g/mL) G Lab File ID: U17071.RR

Level: (low/med) LOW Date Samp/Recv: 11/06/2006 11/10/2006

% Moisture: 10 decanted: (Y/N) N Date Extracted: 11/15/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/16/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	370	U
120-12-7	Anthracene	370	U
56-55-3	Benzo(a)anthracene	22	J
205-99-2	Benzo(b)fluoranthene	23	J
207-08-9	Benzo(k)fluoranthene	370	U
191-24-2	Benzo(ghi)perylene	370	U
50-32-8	Benzo(a)pyrene	21	J
218-01-9	Chrysene	24	J
53-70-3	Dibenzo(a,h)anthracene	370	U
206-44-0	Fluoranthene	45	J
86-73-7	Fluorene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
85-01-8	Phenanthrene	26	J
129-00-0	Pyrene	36	J
91-20-3	Naphthalene	370	U

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8270 - SOIL - STARS BASE NEUTRAL COMPOUNDS
ANALYSIS DATA SHEET

Client No.

BS-21 (4.0-4.5)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D45406

Sample wt/vol: 30.38 (g/mL) G Lab File ID: U17076.RR

Level: (low/med) LOW Date Samp/Recv: 11/08/2006 11/10/2006

% Moisture: 8 decanted: (Y/N) N Date Extracted: 11/15/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/16/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	350	U
120-12-7	Anthracene	350	U
56-55-3	Benzo(a)anthracene	350	U
205-99-2	Benzo(b)fluoranthene	350	U
207-08-9	Benzo(k)fluoranthene	350	U
191-24-2	Benzo(ghi)perylene	350	U
50-32-8	Benzo(a)pyrene	350	U
218-01-9	Chrysene	350	U
53-70-3	Dibenzo(a,h)anthracene	350	U
206-44-0	Fluoranthene	350	U
86-73-7	Fluorene	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	350	U
85-01-8	Phenanthrene	350	U
129-00-0	Pyrene	350	U
91-20-3	Naphthalene	350	U

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8270 - SOIL - STARS BASE NEUTRAL COMPOUNDS
ANALYSIS DATA SHEET

Client No.

BS-22 (2.0-3.0)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D45403

Sample wt/vol: 30.20 (g/mL) G Lab File ID: U17073.RR

Level: (low/med) LOW Date Samp/Recv: 11/07/2006 11/10/2006

% Moisture: 6 decanted: (Y/N) N Date Extracted: 11/15/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/16/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	350	U
120-12-7	Anthracene	170	J
56-55-3	Benzo(a)anthracene	400	
205-99-2	Benzo(b)fluoranthene	700	
207-08-9	Benzo(k)fluoranthene	350	U
191-24-2	Benzo(ghi)perylene	200	J
50-32-8	Benzo(a)pyrene	410	
218-01-9	Chrysene	400	
53-70-3	Dibenzo(a,h)anthracene	77	J
206-44-0	Fluoranthene	780	
86-73-7	Fluorene	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	200	J
85-01-8	Phenanthrene	710	
129-00-0	Pyrene	670	
91-20-3	Naphthalene	350	U

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8270 - SOIL - STARS BASE NEUTRAL COMPOUNDS
ANALYSIS DATA SHEET

Client No.

BS-27 (4.5-5.5)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D45408

Sample wt/vol: 30.30 (g/mL) G Lab File ID: U17078.RR

Level: (low/med) LOW Date Samp/Recv: 11/08/2006 11/10/2006

% Moisture: 18 decanted: (Y/N) N Date Extracted: 11/15/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/16/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	400	U
120-12-7	Anthracene	400	U
56-55-3	Benzo(a)anthracene	22	J
205-99-2	Benzo(b)fluoranthene	26	J
207-08-9	Benzo(k)fluoranthene	400	U
191-24-2	Benzo(ghi)perylene	400	U
50-32-8	Benzo(a)pyrene	400	U
218-01-9	Chrysene	400	U
53-70-3	Dibenzo(a,h)anthracene	400	U
206-44-0	Fluoranthene	400	U
86-73-7	Fluorene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
85-01-8	Phenanthrene	400	U
129-00-0	Pyrene	400	U
91-20-3	Naphthalene	400	U

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8270 - SOIL - STARS BASE NEUTRAL COMPOUNDS
ANALYSIS DATA SHEET

Client No.

BS-28 (4.0-5.4)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D45407

Sample wt/vol: 30.56 (g/mL) G Lab File ID: U17077.RR

Level: (low/med) LOW Date Samp/Recv: 11/08/2006 11/10/2006

% Moisture: 9 decanted: (Y/N) N Date Extracted: 11/15/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/16/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	360	U
120-12-7	Anthracene	360	U
56-55-3	Benzo(a)anthracene	26	J
205-99-2	Benzo(b)fluoranthene	31	J
207-08-9	Benzo(k)fluoranthene	360	U
191-24-2	Benzo(ghi)perylene	360	U
50-32-8	Benzo(a)pyrene	360	U
218-01-9	Chrysene	30	J
53-70-3	Dibenzo(a,h)anthracene	360	U
206-44-0	Fluoranthene	30	J
86-73-7	Fluorene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
85-01-8	Phenanthrene	360	U
129-00-0	Pyrene	32	J
91-20-3	Naphthalene	360	U

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8270 - SOIL - STARS BASE NEUTRAL COMPOUNDS
ANALYSIS DATA SHEET

Client No.

BS-30 (0.5-1.1)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D45404

Sample wt/vol: 30.53 (g/mL) G Lab File ID: U17074.RR

Level: (low/med) LOW Date Samp/Recv: 11/07/2006 11/10/2006

% Moisture: 7 decanted: (Y/N) N Date Extracted: 11/15/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/16/2006

Injection Volume: 1.00 (uL) Dilution Factor: 20.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	440	J
120-12-7	Anthracene	5600	J
56-55-3	Benzo(a)anthracene	20000	
205-99-2	Benzo(b)fluoranthene	27000	
207-08-9	Benzo(k)fluoranthene	11000	
191-24-2	Benzo(ghi)perylene	10000	
50-32-8	Benzo(a)pyrene	21000	
218-01-9	Chrysene	18000	
53-70-3	Dibenzo(a,h)anthracene	3300	J
206-44-0	Fluoranthene	38000	
86-73-7	Fluorene	2400	J
193-39-5	Indeno(1,2,3-cd)pyrene	9500	
85-01-8	Phenanthrene	16000	
129-00-0	Pyrene	30000	
91-20-3	Naphthalene	1900	J

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8270 - SOIL - STARS BASE NEUTRAL COMPOUNDS
ANALYSIS DATA SHEET

Client No.

BS-31 (2.0-2.9)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D45405

Sample wt/vol: 30.87 (g/mL) G Lab File ID: U17075.RR

Level: (low/med) LOW Date Samp/Recv: 11/07/2006 11/10/2006

% Moisture: 17 decanted: (Y/N) N Date Extracted: 11/15/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/16/2006

Injection Volume: 1.00 (uL) Dilution Factor: 5.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1900	U
120-12-7	Anthracene	1900	U
56-55-3	Benzo(a)anthracene	1900	U
205-99-2	Benzo(b)fluoranthene	1900	U
207-08-9	Benzo(k)fluoranthene	1900	U
191-24-2	Benzo(ghi)perylene	1900	U
50-32-8	Benzo(a)pyrene	1900	U
218-01-9	Chrysene	1900	U
53-70-3	Dibenzo(a,h)anthracene	1900	U
206-44-0	Fluoranthene	1900	U
86-73-7	Fluorene	1900	U
193-39-5	Indeno(1,2,3-cd)pyrene	1900	U
85-01-8	Phenanthrene	1900	U
129-00-0	Pyrene	1900	U
91-20-3	Naphthalene	1900	U

STL BUFFALO

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates **SDG No.:** A06-D454 **Method Type:**

Sample ID: A6D45402 **Client ID:** BS-13 (2.0-3.1)

Matrix: SOIL **Date Received:** 11/10/2006 **Date Collected:** 11/7/2006 **Level:** LOW

% Solids: 89 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A6B30136 **Prep Date:** 11/14/2006

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Arsenic	**2.3**	**mg/Kg**			**2.1**	2.1	**1**	**11/15/2006**	**13:45**	SUPERTRACE2	A11150x	P
Cadmium	**0.26**	**mg/Kg**			**0.21**	0.21	**1**	**11/15/2006**	**13:45**	SUPERTRACE2	A11150x	P
Chromium	**4.6**	**mg/Kg**		**E**	**0.54**	0.54	**1**	**11/15/2006**	**13:45**	SUPERTRACE2	A11150x	P
Mercury	**0.065**	**mg/Kg**			**0.020**	0.020	**1**	**11/14/2006**	**12:03:13**	LEEMAN PS2	L21114SY	CV

Comments:

STL BUFFALO

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates **SDG No.:** A06-D454 **Method Type:**

Sample ID: A6D45401 **Client ID:** BS-18 (2.0-3.4)

Matrix: SOIL **Date Received:** 11/10/2006 **Date Collected:** 11/6/2006 **Level:** LOW

% Solids: 90 **Sample Wt/Vol:** 0.6 **Final Vol:** 50.0

Prep Batch ID: A6B30136 **Prep Date:** 11/14/2006

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Arsenic	**5.1**	**mg/Kg**			**2.0**	2.0	**1**	**11/15/2006**	**13:30**	SUPERTRACE2	A11150x	P
Cadmium	**0.27**	**mg/Kg**			**0.20**	0.20	**1**	**11/15/2006**	**13:30**	SUPERTRACE2	A11150x	P
Chromium	**3.9**	**mg/Kg**		**E**	**0.50**	0.50	**1**	**11/15/2006**	**13:30**	SUPERTRACE2	A11150x	P
Mercury	**0.024**	**mg/Kg**			**0.019**	0.019	**1**	**11/14/2006**	**11:58:16**	LEEMAN PS2	L21114SY	CV

Comments:

STL BUFFALO

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates **SDG No.:** A06-D454 **Method Type:**

Sample ID: A6D45406 **Client ID:** BS-21 (4.0-4.5)

Matrix: SOIL **Date Received:** 11/10/2006 **Date Collected:** 11/8/2006 **Level:** LOW

% Solids: 92 **Sample Wt/Vol:** 0.6 **Final Vol:** 50.0

Prep Batch ID: A6B30136 **Prep Date:** 11/14/2006

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Arsenic	<	2.0	mg/Kg	U		2.0	2.0	1	11/15/2006	14:04	SUPERTRACE2	A11150x	P
Cadmium	<	0.20	mg/Kg	U		0.20	0.20	1	11/15/2006	14:04	SUPERTRACE2	A11150x	P
Chromium		**1.4**	**mg/Kg**		**E**	**0.49**	0.49	**1**	**11/15/2006**	**14:04**	SUPERTRACE2	A11150x	P
Mercury	<	0.019	mg/Kg	U		0.019	0.019	1	11/14/2006	12:09:18	LEEMAN PS2	L21114SY	CV

Comments:

STL BUFFALO

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates **SDG No.:** A06-D454 **Method Type:**

Sample ID: A6D45403 **Client ID:** BS-22 (2.0-3.0)

Matrix: SOIL **Date Received:** 11/10/2006 **Date Collected:** 11/7/2006 **Level:** LOW

% Solids: 94 **Sample Wt/Vol:** 0.6 **Final Vol:** 50.0

Prep Batch ID: A6B30136 **Prep Date:** 11/14/2006

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Arsenic	<	1.9	mg/Kg	U		1.9	1.9	1	11/15/2006	13:50	SUPERTRACE2	A11150x	P
Cadmium	<	0.19	mg/Kg	U		0.19	0.19	1	11/15/2006	13:50	SUPERTRACE2	A11150x	P
Chromium		**1.4**	**mg/Kg**		**E**	**0.48**	0.48	**1**	**11/15/2006**	**13:50**	SUPERTRACE2	A11150x	P
Mercury		**0.021**	**mg/Kg**			**0.016**	0.016	**1**	**11/14/2006**	**12:04:36**	LEEMAN PS2	L21114SY	CV

Comments:

STL BUFFALO

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates **SDG No.:** A06-D454 **Method Type:**

Sample ID: A6D45408 **Client ID:** BS-27 (4.5-5.5)

Matrix: SOIL **Date Received:** 11/10/2006 **Date Collected:** 11/8/2006 **Level:** LOW

% Solids: 82 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A6B30136 **Prep Date:** 11/14/2006

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Analytical Time	Instrument	Run	M
Arsenic	**18.7**	**mg/Kg**			**2.4**	2.4	**1**	**11/15/2006**	**14:25**	SUPERTRACE2	A11150x	P
Cadmium	**2.7**	**mg/Kg**			**0.24**	0.24	**1**	**11/15/2006**	**14:25**	SUPERTRACE2	A11150x	P
Chromium	**62.6**	**mg/Kg**		**E**	**0.60**	0.60	**1**	**11/15/2006**	**14:25**	SUPERTRACE2	A11150x	P
Mercury	**0.030**	**mg/Kg**			**0.020**	0.020	**1**	**11/14/2006**	**12:14:17**	LEEMAN PS2	L21114SY	CV

Comments:

STL BUFFALO

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates **SDG No.:** A06-D454 **Method Type:**

Sample ID: A6D45407 **Client ID:** BS-28 (4.0-5.4)

Matrix: SOIL **Date Received:** 11/10/2006 **Date Collected:** 11/8/2006 **Level:** LOW

% Solids: 91 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A6B30136 **Prep Date:** 11/14/2006

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Arsenic	<	2.2	mg/Kg	U		2.2	2.2	1	11/15/2006	14:09	SUPERTRACE2	A11150x	P
Cadmium	<	0.22	mg/Kg	U		0.22	0.22	1	11/15/2006	14:09	SUPERTRACE2	A11150x	P
Chromium		**1.7**	**mg/Kg**		**E**	**0.54**	0.54	**1**	**11/15/2006**	**14:09**	SUPERTRACE2	A11150x	P
Mercury		**0.186**	**mg/Kg**			**0.019**	0.019	**1**	**11/14/2006**	**12:10:39**	LEEMAN PS2	L21114SY	CV

Comments:

STL BUFFALO

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates **SDG No.:** A06-D454 **Method Type:**

Sample ID: A6D45404 **Client ID:** BS-30 (0.5-1.1)

Matrix: SOIL **Date Received:** 11/10/2006 **Date Collected:** 11/7/2006 **Level:** LOW

% Solids: 93 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A6B30136 **Prep Date:** 11/14/2006

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Arsenic		**4.8**	**mg/Kg**			**2.1**	2.1	**1**	**11/15/2006**	**13:54**	SUPERTRACE2	A11150x	P
Cadmium	<	0.21	mg/Kg	U		0.21	0.21	1	11/15/2006	13:54	SUPERTRACE2	A11150x	P
Chromium		**7.2**	**mg/Kg**		**E**	**0.53**	0.53	**1**	**11/15/2006**	**13:54**	SUPERTRACE2	A11150x	P
Mercury		**0.038**	**mg/Kg**			**0.017**	0.017	**1**	**11/14/2006**	**12:05:56**	LEEMAN PS2	L21114SY	CV

Comments:

STL BUFFALO

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates **SDG No.:** A06-D454 **Method Type:**

Sample ID: A6D45405 **Client ID:** BS-31 (2.0-2.9)

Matrix: SOIL **Date Received:** 11/10/2006 **Date Collected:** 11/7/2006 **Level:** LOW

% Solids: 83 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A6B30136 **Prep Date:** 11/14/2006

Analyte	Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Arsenic	**18.5**	**mg/Kg**			**2.2**	2.2	**1**	**11/15/2006**	**13:59**	SUPERTRACE2	A11150x	P
Cadmium	**1.8**	**mg/Kg**			**0.22**	0.22	**1**	**11/15/2006**	**13:59**	SUPERTRACE2	A11150x	P
Chromium	**39.0**	**mg/Kg**		E	**0.56**	0.56	**1**	**11/15/2006**	**13:59**	SUPERTRACE2	A11150x	P
Mercury	**0.025**	**mg/Kg**			**0.021**	0.021	**1**	**11/14/2006**	**12:07:47**	LEEMAN PS2	L21114SY	CV

Comments:

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8260 - STARS LIST
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	MSB93	A6B3034803	108		94		104							0
2	Trip Blank	A6D45409	104		94		102							0
3	VBLK93	A6B3034804	105		97		103							0

QC LIMITS

BFB = p-Bromofluorobenzene (73-120)
DCE = 1,2-Dichloroethane-D4 (72-143)
TOL = Toluene-D8 (76-122)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

STL Buffalo
10 Hazelwood Drive
Suite 106
Amherst, NY 14288
phone 716-691-2600 fax 716-691-7991

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

Client Contact	Project Manager: Mr. Dennis Porter	Site Contact: Craig A. Stiles	9-Nov-06	COC No:
LaBella Associates, P.C.	Tel/Fax: (585) 454-6110 / 454-3066	Lab Contact: Jason Kikalski	Carrier: Lab Courier	1 of 1 COCs
300 State Street, Suite 201	Analysis Turnaround Time			Job No. 206139
Rochester, New York 14614	Calendar (C) or Work Days (W)			
(585) 454-6110 Phone	TAT if different from Below			SDG No.
(585) 454-3066 FAX	☐ 2 weeks			
Project Name: Port Marina	☒ Standard			
Site: Port of Rochester, Rochester, NY	☐ 2 days			
P O # 206377 Phases 2a & 2b	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered (Y/N)	VOCs (8260B) STARS Only	SVOCs (8270C) STARS Only	Arsenic (As), Cadmium (Cd), Chromium (Cr) & Mercury (Hg)	Sample Specific Notes:
Trip Blank	6-Nov-06	0630	DI Water	Water	1	No	X			HCl Preservative
BS-18 (2.0' to 3.4')	6-Nov-06	1322	Soil	Soil	1	No	X	X	X	
BS-13 (2.0' to 3.1')	7-Nov-06	1005	Soil	Soil	1	No	X	X	X	
BS-22 (2.0' to 3.0')	7-Nov-06	0755	Soil	Soil	1	No	X	X	X	
BS-30 (0.5' to 1.1')	7-Nov-06	1053	Soil	Soil	1	No	X	X	X	
BS-31 (2.0' to 2.9')	7-Nov-06	1012	Soil	Soil	1	No	X	X	X	
BS-21 (4.0' to 4.5')	8-Nov-06	0715	Soil	Soil	1	No	X	X	X	
BS-28 (4.0' to 5.4')	8-Nov-06	1430	Soil	Soil	1	No	X	X	X	
BS-27 (4.5' to 5.5')	9-Nov-06	0742	Soil	Soil	1	No	X	X	X	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____							1	1	1	

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments: ASP Category B Deliverables

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Craig A. Stiles	LaBella Associates, P.C.	11/9/06 @ 1800		BJL	11-10-06 16:20
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

2.0°C

1/1737

SEVERN TRENT STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A06-D768

STL Project#: NY2A8951.6
Site Name: LaBella Associates
Task: Proposed Port Marina

Mr. Dan Noll
LaBella Associates
300 State St. Suite 201
Rochester, NY 14614

STL Buffalo

Jason R. Kacalski
Project Manager

12/06/2006

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6D76801	MW-BH5	WATER	11/15/2006	14:42	11/16/2006	16:20
A6D76802	MW-BH5	WATER	11/15/2006	14:42	11/16/2006	16:20
A6D76803	MW-BH6	WATER	11/15/2006	12:25	11/16/2006	16:20
A6D76804	MW-BH6	WATER	11/15/2006	13:25	11/16/2006	16:20
A6D76805	MW-BS5	WATER	11/15/2006	14:20	11/16/2006	16:20
A6D76806	MW-BS5	WATER	11/15/2006	15:25	11/16/2006	16:20
A6D76807	MW-BS6	WATER	11/15/2006	11:00	11/16/2006	16:20
A6D76808	MW-BS6	WATER	11/15/2006	12:20	11/16/2006	16:20
A6D76809	TRIP BLANK	WATER	11/15/2006		11/16/2006	16:20

METHODS SUMMARY

Job#: A06-D768

STL Project#: NY2A8951.6
Site Name: LaBella Associates

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
METHOD 8081 - TCL PESTICIDES	SW8463 8081
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6020
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6020
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-D768

STL Project#: NY2A8951.6
Site Name: LaBella Associates

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-D768
Sample Cooler(s) were received at the following temperature(s); 4.1 °C
All samples were received in good condition.

GC/MS Volatile Data

Initial calibration standard curve A6I0002170-1 exhibited a percent Relative Standard Deviation (%RSD) of greater than 15% for compounds Methylene Chloride, Bromoform and Dichlorodifluoromethane. However, the overall mean RSD of all compounds is 8.20%.

Initial calibration standard curve A6I0002183-1 exhibited a percent Relative Standard Deviation (%RSD) of greater than 15% for several compounds. However, the overall mean RSD of all compounds is 7.94%.

Samples MW-BH5 and MW-BS6 were analyzed from vials containing headspace due to insufficient volume because of reanalyses for suspected carryover from previous samples.

All samples were preserved to a pH less than 2.

The analytes Acetone, Bromodichloromethane and Chloroform were detected in the TRIP BLANK at a level above the reporting limit. The analyte Dibromochloromethane was detected in the TRIP BLANK at a level below the project established reporting limit. Bromodichloromethane and Dibromochloromethane were not detected in any of the associated samples.

GC/MS Semivolatile Data

Initial calibration standard curve A6I0002175 exhibited the %RSD of the compounds Bis(2-chloroethyl) ether, Hexachlorocyclopentadiene, 2,4-Dinitrophenol, and Pentachlorophenol as greater than 15%. However, the mean RSD of all compounds is 6.47%.

GC Extractable Data

For method 8081, several compounds exhibited a percent difference greater than 15% from the expected amount in the associated continuing calibrations. The average of all analytes is within 15% and the associated laboratory quality control recoveries are compliant. No corrective action was required.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

****

Date: 12/06/2006
Time: 15:57:02

Dilution Log w/Code Information
For Job A06-D768

Rept: AN1266R

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
MW-BH5	A6D76801	Sodium - Total	5.00	008
MW-BS5	A6D76805	Sodium - Total	5.00	008

Dilution Code Definition:

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

STL

DATA QUALIFIER PAGE

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

ORGANIC DATA QUALIFIERS

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

LABELLA ASSOCIATES
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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BH5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q6882.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/29/2006

GC Column: DB-624 ID: 0.18 (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
67-64-1	Acetone	2.8	J
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BH5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q6882.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/29/2006

GC Column: DB-624 ID: 0.18 (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
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-BH5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76802

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q6882.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Date Analyzed: 11/29/2006

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

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

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: MW-BH6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76804

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q6871.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/28/2006

GC Column: DB-624 ID: 0.18 (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
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	0.54	J
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: MW-BH6

Lab Name: SIL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76804

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q6871.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/28/2006

GC Column: DB-624 ID: 0.18 (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
67-64-1	Acetone	5.0	U
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	0.55	J
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-BH6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76804

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q6871.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Date Analyzed: 11/28/2006

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

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

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BS5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76806

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q6872.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/28/2006

GC Column: DB-624 ID: 0.18 (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
67-64-1	Acetone	3.2	J
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

LABELLA ASSOCIATES
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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BS5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76806

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q6872.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/28/2006

GC Column: DB-624 ID: 0.18 (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
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-BS5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76806

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q6872.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Date Analyzed: 11/28/2006

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

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

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

LABELLA ASSOCIATES
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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BS6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76808

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q6883.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/29/2006

GC Column: DB-624 ID: 0.18 (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
67-64-1	Acetone	19	
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	1.0	U
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	2.6	J
75-15-0	Carbon Disulfide	1.5	
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	1.0	U
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: MW-BS6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76808

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q6883.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/29/2006

GC Column: DB-624 ID: 0.18 (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
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-BS6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76808

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q6883.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Date Analyzed: 11/29/2006

GC Column: DB-624 ID: 0.18 (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/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	ALKYLBENZENE ISOMER	9.96	4	J

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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: A6D76809

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N2245.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/27/2006

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/L	Q
67-64-1	Acetone	13	
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	2.5	
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	6.8	
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	0.52	J
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

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METHOD 8260 - TCL VOLATILE ORGANICS
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: A6D76809

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N2245.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/27/2006

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/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TRIP BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76809

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N2245.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Date Analyzed: 11/27/2006

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/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BH5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76801

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: W13082.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/21/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (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	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	50	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	10	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BH5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76801

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: W13082.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/21/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (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
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	45	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BH5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76801

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: W13082.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/21/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (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
88-06-2	2,4,6-Trichlorophenol	10	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-BH5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76801

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: W13082.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/21/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

Number TICs found: 18

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

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	6.20	18	BJ
2.		UNKNOWN	12.75	5	J
3.		UNKNOWN	12.92	8	BJ
4.		UNKNOWN	12.95	5	J
5.		UNKNOWN	13.90	21	J
6.		UNKNOWN	14.04	26	BJ
7.	111-06-8	BUTYL ESTER HEXADECANOIC ACI	14.20	14	JN
8.		UNKNOWN	14.73	8	BJ
9.		UNKNOWN	14.76	19	BJ
10.		UNKNOWN	14.78	36	BJ
11.	123-95-5	BUTYL ESTER OCTADECANOIC ACI	14.84	25	JN
12.		UNKNOWN	14.88	17	BJ
13.		UNKNOWN	15.16	5	BJ
14.		UNKNOWN	15.51	61	BJ
15.		UNKNOWN	15.62	18	BJ
16.		UNKNOWN	16.19	43	BJ
17.		UNKNOWN	16.98	8	BJ
18.		UNKNOWN	17.02	10	BJ

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.: MW-BH6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76803

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: W13083.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/21/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (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	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	50	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	10	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BH6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76803

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: W13083.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/21/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (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
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	45	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BH6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76803

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: W13083.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/21/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (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
88-06-2	2,4,6-Trichlorophenol	10	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-BH6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76803

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: W13083.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/21/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

Number TICs found: 20 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	6.20	12	BJ
2.		UNKNOWN	12.75	6	J
3.		UNKNOWN	12.86	9	J
4.		UNKNOWN	12.92	15	BJ
5.		UNKNOWN	12.95	6	J
6.		UNKNOWN	13.90	26	J
7.		UNKNOWN	14.04	43	BJ
8.	111-06-8	BUTYL ESTER HEXADECANOIC ACI	14.20	16	JN
9.		UNKNOWN	14.73	10	BJ
10.		UNKNOWN	14.76	23	BJ
11.		UNKNOWN	14.78	31	BJ
12.	123-95-5	BUTYL ESTER OCTADECANOIC ACI	14.84	30	JN
13.		UNKNOWN	14.89	22	BJ
14.		UNKNOWN	15.16	9	BJ
15.		UNKNOWN	15.48	27	BJ
16.		UNKNOWN	15.51	16	BJ
17.		UNKNOWN	15.62	26	BJ
18.		UNKNOWN	16.19	54	BJ
19.		UNKNOWN	16.98	10	BJ
20.		UNKNOWN	17.02	13	BJ

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BS5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76805

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: W13084.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/21/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (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	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	50	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	10	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BS5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76805

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: W13084.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/21/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (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
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	45	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BS5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76805

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: W13084.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/21/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (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
88-06-2	2,4,6-Trichlorophenol	10	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-BS5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76805

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: W13084.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/21/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

Number TICs found: 20

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

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	6.20	13	BJ
2.		UNKNOWN	12.75	6	J
3.		UNKNOWN	12.92	9	BJ
4.		UNKNOWN	12.95	6	J
5.		UNKNOWN	13.90	24	J
6.		UNKNOWN	13.91	15	J
7.		UNKNOWN	13.92	13	BJ
8.		UNKNOWN	14.04	36	BJ
9.	111-06-8	BUTYL ESTER HEXADECANOIC ACI	14.20	16	JN
10.		UNKNOWN	14.73	9	BJ
11.		UNKNOWN	14.76	20	BJ
12.		UNKNOWN	14.78	27	BJ
13.	123-95-5	BUTYL ESTER OCTADECANOIC ACI	14.84	28	JN
14.		UNKNOWN	14.89	19	BJ
15.		UNKNOWN	15.16	8	BJ
16.		UNKNOWN	15.48	25	BJ
17.		UNKNOWN	15.51	14	BJ
18.		UNKNOWN	15.63	53	BJ
19.		UNKNOWN	16.19	46	BJ
20.		UNKNOWN	16.98	7	BJ

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BS6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76807

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: W13085.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/21/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (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	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	50	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	10	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BS6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76807

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: W13085.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/21/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (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
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	45	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	2	J
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BS6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76807

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: W13085.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/21/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (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
88-06-2	2,4,6-Trichlorophenol	10	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-BS6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76807

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: W13085.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/21/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

Number TICs found: 20

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	8.66	18	J
2.	UNKNOWN	10.91	110	J
3.	UNKNOWN	11.14	210	J
4.	UNKNOWN	11.65	16	J
5.	UNKNOWN NAPHTHALENE DERIVATI	11.74	28	J
6.	UNKNOWN NAPHTHALENE DERIVATI	11.90	23	J
7.	UNKNOWN	11.97	17	J
8.	UNKNOWN	12.11	81	J
9.	UNKNOWN	12.75	34	J
10.	UNKNOWN NAPHTHALENE DERIVATI	12.83	66	J
11.	UNKNOWN	12.88	310	J
12.	UNKNOWN	12.91	81	J
13.	UNKNOWN	13.06	15	J
14.	UNKNOWN	14.02	17	J
15.	UNKNOWN	14.73	32	BJ
16.	UNKNOWN	14.76	18	BJ
17.	UNKNOWN	15.08	42	J
18.	UNKNOWN	15.51	19	BJ
19.	UNKNOWN	15.63	27	BJ
20.	UNKNOWN	16.20	41	BJ

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METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

Client No.

MW-BH5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76801

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 5A10073.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 11/15/2006 11/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/20/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
309-00-2	Aldrin	0.050	U
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
319-86-8	delta-BHC	0.050	U
72-54-8	4,4'-DDD	0.020	J
72-55-9	4,4'-DDE	0.050	U
50-29-3	4,4'-DDT	0.050	U
60-57-1	Dieldrin	0.050	U
959-98-8	Endosulfan I	0.050	U
33213-65-9	Endosulfan II	0.050	U
1031-07-8	Endosulfan Sulfate	0.050	U
72-20-8	Endrin	0.050	U
7421-93-4	Endrin aldehyde	0.0080	BJ
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
76-44-8	Heptachlor	0.050	U
1024-57-3	Heptachlor epoxide	0.017	J
72-43-5	Methoxychlor	0.050	U
8001-35-2	Toxaphene	1.0	U
53494-70-5	Endrin ketone	0.050	U

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METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

Client No.

MW-BH6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76803

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 5A10074.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 11/15/2006 11/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/20/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
309-00-2	Aldrin	0.050	U
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.017	J
58-89-9	gamma-BHC (Lindane)	0.050	U
319-86-8	delta-BHC	0.033	J
72-54-8	4,4'-DDD	0.022	J
72-55-9	4,4'-DDE	0.037	J
50-29-3	4,4'-DDT	0.050	U
60-57-1	Dieldrin	0.050	U
959-98-8	Endosulfan I	0.050	U
33213-65-9	Endosulfan II	0.017	J
1031-07-8	Endosulfan Sulfate	0.050	U
72-20-8	Endrin	0.024	J
7421-93-4	Endrin aldehyde	0.011	BJ
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
76-44-8	Heptachlor	0.050	U
1024-57-3	Heptachlor epoxide	0.020	J
72-43-5	Methoxychlor	0.050	U
8001-35-2	Toxaphene	1.0	U
53494-70-5	Endrin ketone	0.050	U

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METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

Client No.: MW-BS5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76805

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 5A10075.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 11/15/2006 11/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/20/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
309-00-2	Aldrin	0.050	U
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
319-86-8	delta-BHC	0.050	U
72-54-8	4,4'-DDD	0.019	J
72-55-9	4,4'-DDE	0.050	U
50-29-3	4,4'-DDT	0.050	U
60-57-1	Dieldrin	0.050	U
959-98-8	Endosulfan I	0.050	U
33213-65-9	Endosulfan II	0.050	U
1031-07-8	Endosulfan Sulfate	0.050	U
72-20-8	Endrin	0.050	U
7421-93-4	Endrin aldehyde	0.0090	BJ
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
76-44-8	Heptachlor	0.050	U
1024-57-3	Heptachlor epoxide	0.017	J
72-43-5	Methoxychlor	0.050	U
8001-35-2	Toxaphene	1.0	U
53494-70-5	Endrin ketone	0.050	U

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METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

Client No.

MW-BS6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76807

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 5B10096.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 11/15/2006 11/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/20/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/22/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
309-00-2	Aldrin	0.050	U
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.020	J
319-86-8	delta-BHC	0.019	J
72-54-8	4,4'-DDD	0.050	U
72-55-9	4,4'-DDE	0.050	U
50-29-3	4,4'-DDT	0.046	J
60-57-1	Dieldrin	0.050	U
959-98-8	Endosulfan I	0.050	U
33213-65-9	Endosulfan II	0.050	U
1031-07-8	Endosulfan Sulfate	0.050	U
72-20-8	Endrin	0.050	U
7421-93-4	Endrin aldehyde	0.013	BJ
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
76-44-8	Heptachlor	0.050	U
1024-57-3	Heptachlor epoxide	0.020	J
72-43-5	Methoxychlor	0.050	U
8001-35-2	Toxaphene	1.0	U
53494-70-5	Endrin ketone	0.050	U

LABELLA ASSOCIATES
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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.: MW-BH5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76801

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19A82024.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 11/15/2006 11/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/20/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

LABELLA ASSOCIATES
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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

MW-BH6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76803

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19A82025.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 11/15/2006 11/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/20/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

MW-BS5

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76805

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19A82026.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 11/15/2006 11/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/20/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

MW-BS6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D76807

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19A82027.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 11/15/2006 11/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/20/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.00 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates **SDG No.:** A06-D768 **Method Type:**

Sample ID: A6D76801 **Client ID:** MW-BH5

Matrix: WATER **Date Received:** 11/16/2006 **Date Collected:** 11/15/2006 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A6B30544 **Prep Date:** 11/21/2006

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**661**	**ug/L**			**200**	200	**1**	**11/22/2006**	**02:11**	SUPERTRACE	111210x	P
Antimony	<	20.0	ug/L	U		20.0	20.0	1	11/22/2006	02:11	SUPERTRACE	111210x	P
Arsenic		**1.45**	**ug/L**			**1.00**	1.00	**1**	**11/21/2006**	**19:48:07**	ELAN-ICPMS	E112106A	M
Barium		**619**	**ug/L**			**2.0**	2.0	**1**	**11/22/2006**	**02:11**	SUPERTRACE	111210x	P
Beryllium	<	2.0	ug/L	U		2.0	2.0	1	11/22/2006	02:11	SUPERTRACE	111210x	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	11/22/2006	02:11	SUPERTRACE	111210x	P
Calcium		**210000**	**ug/L**			**500**	500	**1**	**11/22/2006**	**02:11**	SUPERTRACE	111210x	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	11/22/2006	02:11	SUPERTRACE	111210x	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	11/22/2006	02:11	SUPERTRACE	111210x	P
Copper	<	10.0	ug/L	U		10.0	10.0	1	11/22/2006	02:11	SUPERTRACE	111210x	P
Iron		**11000**	**ug/L**			**50.0**	50.0	**1**	**11/22/2006**	**02:11**	SUPERTRACE	111210x	P
Magnesium		**36500**	**ug/L**			**200**	200	**1**	**11/22/2006**	**02:11**	SUPERTRACE	111210x	P
Manganese		**2690**	**ug/L**			**3.0**	3.0	**1**	**11/22/2006**	**02:11**	SUPERTRACE	111210x	P
Nickel	<	10.0	ug/L	U		10.0	10.0	1	11/22/2006	02:11	SUPERTRACE	111210x	P
Potassium		**21100**	**ug/L**			**500**	500	**1**	**11/22/2006**	**02:11**	SUPERTRACE	111210x	P
Selenium	<	15.0	ug/L	U		15.0	15.0	1	11/22/2006	02:11	SUPERTRACE	111210x	P
Silver	<	3.0	ug/L	U		3.0	3.0	1	11/22/2006	02:11	SUPERTRACE	111210x	P
Mercury	<	0.200	ug/L	U		0.200	0.200	1	11/21/2006	13:14:36	LEEMAN PS2	L21121Wv	CV
Sodium		**430000**	**ug/L**			**5000**	5000	**5**	**11/22/2006**	**23:43**	SUPERTRACE	111220x	P
Thallium	<	20.0	ug/L	U		20.0	20.0	1	11/22/2006	02:11	SUPERTRACE	111210x	P
Vanadium	<	5.0	ug/L	U		5.0	5.0	1	11/22/2006	02:11	SUPERTRACE	111210x	P
Zinc		**59.0**	**ug/L**			**10.0**	10.0	**1**	**11/22/2006**	**02:11**	SUPERTRACE	111210x	P
Lead	<	1.00	ug/L	U		1.00	1.00	1	11/21/2006	19:48:07	ELAN-ICPMS	E112106A	M

Comments:

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates **SDG No.:** A06-D768 **Method Type:**

Sample ID: A6D76803 **Client ID:** MW-BH6

Matrix: WATER **Date Received:** 11/16/2006 **Date Collected:** 11/15/2006 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A6B30544 **Prep Date:** 11/21/2006

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**660**	**ug/L**			**200**	200	**1**	**11/22/2006**	**02:17**	SUPERTRACE	111210x	P
Antimony	<	20.0	ug/L	U		20.0	20.0	1	11/22/2006	02:17	SUPERTRACE	111210x	P
Arsenic		**1.81**	**ug/L**			**1.00**	1.00	**1**	**11/21/2006**	**19:52:02**	ELAN-ICPMS	E112106A	M
Barium		**378**	**ug/L**			**2.0**	2.0	**1**	**11/22/2006**	**02:17**	SUPERTRACE	111210x	P
Beryllium	<	2.0	ug/L	U		2.0	2.0	1	11/22/2006	02:17	SUPERTRACE	111210x	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	11/22/2006	02:17	SUPERTRACE	111210x	P
Calcium		**388000**	**ug/L**			**500**	500	**1**	**11/22/2006**	**02:17**	SUPERTRACE	111210x	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	11/22/2006	02:17	SUPERTRACE	111210x	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	11/22/2006	02:17	SUPERTRACE	111210x	P
Copper	<	10.0	ug/L	U		10.0	10.0	1	11/22/2006	02:17	SUPERTRACE	111210x	P
Iron		**5820**	**ug/L**			**50.0**	50.0	**1**	**11/22/2006**	**02:17**	SUPERTRACE	111210x	P
Magnesium		**80100**	**ug/L**			**200**	200	**1**	**11/22/2006**	**02:17**	SUPERTRACE	111210x	P
Manganese		**1550**	**ug/L**			**3.0**	3.0	**1**	**11/22/2006**	**02:17**	SUPERTRACE	111210x	P
Nickel	<	10.0	ug/L	U		10.0	10.0	1	11/22/2006	02:17	SUPERTRACE	111210x	P
Potassium		**18200**	**ug/L**			**500**	500	**1**	**11/22/2006**	**02:17**	SUPERTRACE	111210x	P
Selenium	<	15.0	ug/L	U		15.0	15.0	1	11/22/2006	02:17	SUPERTRACE	111210x	P
Silver	<	3.0	ug/L	U		3.0	3.0	1	11/22/2006	02:17	SUPERTRACE	111210x	P
Mercury	<	0.200	ug/L	U		0.200	0.200	1	11/21/2006	13:16:01	LEEMAN PS2	L21121Wv	CV
Sodium		**348000**	**ug/L**			**1000**	1000	**1**	**11/22/2006**	**02:17**	SUPERTRACE	111210x	P
Thallium	<	20.0	ug/L	U		20.0	20.0	1	11/22/2006	02:17	SUPERTRACE	111210x	P
Vanadium	<	5.0	ug/L	U		5.0	5.0	1	11/22/2006	02:17	SUPERTRACE	111210x	P
Zinc		**103**	**ug/L**			**10.0**	10.0	**1**	**11/22/2006**	**02:17**	SUPERTRACE	111210x	P
Lead	<	1.00	ug/L	U		1.00	1.00	1	11/21/2006	19:52:02	ELAN-ICPMS	E112106A	M

Comments:

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LaBella Associates

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INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates **SDG No.:** A06-D768 **Method Type:**

Sample ID: A6D76805 **Client ID:** MW-BS5

Matrix: WATER **Date Received:** 11/16/2006 **Date Collected:** 11/15/2006 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A6B30544 **Prep Date:** 11/21/2006

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**731**	**ug/L**			**200**	200	**1**	**11/22/2006**	**02:22**	SUPERTRACE	111210x	P
Antimony	<	20.0	ug/L	U		20.0	20.0	1	11/22/2006	02:22	SUPERTRACE	111210x	P
Arsenic		**1.62**	**ug/L**			**1.00**	1.00	**1**	**11/21/2006**	**19:55:57**	ELAN-ICPMS	E112106A	M
Barium		**645**	**ug/L**			**2.0**	2.0	**1**	**11/22/2006**	**02:22**	SUPERTRACE	111210x	P
Beryllium	<	2.0	ug/L	U		2.0	2.0	1	11/22/2006	02:22	SUPERTRACE	111210x	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	11/22/2006	02:22	SUPERTRACE	111210x	P
Calcium		**216000**	**ug/L**			**500**	500	**1**	**11/22/2006**	**02:22**	SUPERTRACE	111210x	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	11/22/2006	02:22	SUPERTRACE	111210x	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	11/22/2006	02:22	SUPERTRACE	111210x	P
Copper	<	10.0	ug/L	U		10.0	10.0	1	11/22/2006	02:22	SUPERTRACE	111210x	P
Iron		**12100**	**ug/L**			**50.0**	50.0	**1**	**11/22/2006**	**02:22**	SUPERTRACE	111210x	P
Magnesium		**37500**	**ug/L**			**200**	200	**1**	**11/22/2006**	**02:22**	SUPERTRACE	111210x	P
Manganese		**2770**	**ug/L**			**3.0**	3.0	**1**	**11/22/2006**	**02:22**	SUPERTRACE	111210x	P
Nickel	<	10.0	ug/L	U		10.0	10.0	1	11/22/2006	02:22	SUPERTRACE	111210x	P
Potassium		**21900**	**ug/L**			**500**	500	**1**	**11/22/2006**	**02:22**	SUPERTRACE	111210x	P
Selenium	<	15.0	ug/L	U		15.0	15.0	1	11/22/2006	02:22	SUPERTRACE	111210x	P
Silver	<	3.0	ug/L	U		3.0	3.0	1	11/22/2006	02:22	SUPERTRACE	111210x	P
Mercury	<	0.200	ug/L	U		0.200	0.200	1	11/21/2006	13:20:19	LEEMAN PS2	L21121Wv	CV
Sodium		**444000**	**ug/L**			**5000**	5000	**5**	**11/22/2006**	**23:48**	SUPERTRACE	111220x	P
Thallium	<	20.0	ug/L	U		20.0	20.0	1	11/22/2006	02:22	SUPERTRACE	111210x	P
Vanadium	<	5.0	ug/L	U		5.0	5.0	1	11/22/2006	02:22	SUPERTRACE	111210x	P
Zinc		**61.8**	**ug/L**			**10.0**	10.0	**1**	**11/22/2006**	**02:22**	SUPERTRACE	111210x	P
Lead	<	1.00	ug/L	U		1.00	1.00	1	11/21/2006	19:55:57	ELAN-ICPMS	E112106A	M

Comments:

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates **SDG No.:** A06-D768 **Method Type:**

Sample ID: A6D76807 **Client ID:** MW-BS6

Matrix: WATER **Date Received:** 11/16/2006 **Date Collected:** 11/15/2006 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A6B30544 **Prep Date:** 11/21/2006

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**911**	**ug/L**			**200**	200	**1**	**11/22/2006**	**02:27**	SUPERTRACE	111210x	P
Antimony	<	20.0	ug/L	U		20.0	20.0	1	11/22/2006	02:27	SUPERTRACE	111210x	P
Arsenic		**1.88**	**ug/L**			**1.00**	1.00	**1**	**11/21/2006**	**19:59:47**	ELAN-ICPMS	E112106A	M
Barium		**165**	**ug/L**			**2.0**	2.0	**1**	**11/22/2006**	**02:27**	SUPERTRACE	111210x	P
Beryllium	<	2.0	ug/L	U		2.0	2.0	1	11/22/2006	02:27	SUPERTRACE	111210x	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	11/22/2006	02:27	SUPERTRACE	111210x	P
Calcium		**209000**	**ug/L**			**500**	500	**1**	**11/22/2006**	**02:27**	SUPERTRACE	111210x	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	11/22/2006	02:27	SUPERTRACE	111210x	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	11/22/2006	02:27	SUPERTRACE	111210x	P
Copper	<	10.0	ug/L	U		10.0	10.0	1	11/22/2006	02:27	SUPERTRACE	111210x	P
Iron		**2630**	**ug/L**			**50.0**	50.0	**1**	**11/22/2006**	**02:27**	SUPERTRACE	111210x	P
Magnesium		**25700**	**ug/L**			**200**	200	**1**	**11/22/2006**	**02:27**	SUPERTRACE	111210x	P
Manganese		**637**	**ug/L**			**3.0**	3.0	**1**	**11/22/2006**	**02:27**	SUPERTRACE	111210x	P
Nickel	<	10.0	ug/L	U		10.0	10.0	1	11/22/2006	02:27	SUPERTRACE	111210x	P
Potassium		**15200**	**ug/L**			**500**	500	**1**	**11/22/2006**	**02:27**	SUPERTRACE	111210x	P
Selenium	<	15.0	ug/L	U		15.0	15.0	1	11/22/2006	02:27	SUPERTRACE	111210x	P
Silver	<	3.0	ug/L	U		3.0	3.0	1	11/22/2006	02:27	SUPERTRACE	111210x	P
Mercury	<	0.200	ug/L	U		0.200	0.200	1	11/21/2006	13:21:51	LEEMAN PS2	L21121Wv	CV
Sodium		**125000**	**ug/L**			**1000**	1000	**1**	**11/22/2006**	**02:27**	SUPERTRACE	111210x	P
Thallium	<	20.0	ug/L	U		20.0	20.0	1	11/22/2006	02:27	SUPERTRACE	111210x	P
Vanadium	<	5.0	ug/L	U		5.0	5.0	1	11/22/2006	02:27	SUPERTRACE	111210x	P
Zinc		**36.6**	**ug/L**			**10.0**	10.0	**1**	**11/22/2006**	**02:27**	SUPERTRACE	111210x	P
Lead		**12.6**	**ug/L**			**1.00**	1.00	**1**	**11/21/2006**	**19:59:47**	ELAN-ICPMS	E112106A	M

Comments:

STL Buffalo
10 Hazelwood Drive
Suite 106
Amherst, NY 14288
phone 716-691-2600 fax 716-691-7991

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

Client Contact	Project Manager: Mr. Dennis Porter	Site Contact: Craig A. Stiles	16-Nov-06	COC No:
LaBella Associates, P.C.	Tel/Fax: (585) 454-6110 / 454-3066	Lab Contact: Jason Kikalski	Carrier: Lab Courier	1 of 1 COCs
300 State Street, Suite 201	Analysis Turnaround Time			Job No. 206377 Phase 2a
Rochester, New York 14614	Calendar (C) or Work Days (W)			
(585) 454-6110 Phone	TAT if different from Below _____			SDG No.
(585) 454-3066 FAX	☐ 2 weeks			
Project Name: Port Marina	☒ Standard			
Site: Port of Rochester, Rochester, NY	☐ 2 days			
P O # 206377 Phases 2a	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	TCL VOCs (8260B)	TCL SVOCs (8270C)	PCBs	Pesticides	TAL Metals	Sample Specific Notes:
MW-BH5	15-Nov-06	1442	GW	Water	4	No		X	X	X	X	4°C Preservative + HNO_3 for Metals
MW-BH5	15-Nov-06	1442	GW	Water	2	No	X					HCl Preservative
MW-BH6	15-Nov-06	1225	GW	Water	4	No		X	X	X	X	4°C Preservative + HNO_3 for Metals
MW-BH6	15-Nov-06	1325	GW	Water	2	No	X					HCl Preservative
MW-BS5	15-Nov-06	1420	GW	Water	4	No		X	X	X	X	4°C Preservative + HNO_3 for Metals
MW-BS5	15-Nov-06	1525	GW	Water	2	No	X					HCl Preservative
MW-BS6	15-Nov-06	1100	GW	Water	4	No		X	X	X	X	4°C Preservative + HNO_3 for Metals
MW-BS6	15-Nov-06	1220	GW	Water	2	No	X					HCl Preservative
							2	1	1	1	4	

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☒ *Disposal By Lab* ☐ *Archive For _____ Months*

Special Instructions/QC Requirements & Comments: **ASP Category B Deliverables**

4.1°C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Craig T. Stiles	LaBella Associates, P.C.	11/16/06 @ 1430		STL	11-16-06 16:20
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

117/1737

SEVERN TRENT STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A06-D771

STL Project#: NY2A8951.6
Site Name: LaBella Associates
Task: Proposed Port Marina

Mr. Dan Noll
LaBella Associates
300 State St. Suite 201
Rochester, NY 14614

STL Buffalo

Jason R. Kacalski
Project Manager

12/08/2006

STL Buffalo
Current Certifications

As of 9/28/2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA,NELAP CWA, RCRA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	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	NELAP CWA,RCRA	68-00281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A6D77102	BS-37 (6.0-7.7)	SOIL	11/10/2006	07:45	11/16/2006	16:20
A6D77103	BS-38 (6.0-7.1)	SOIL	11/10/2006	09:00	11/16/2006	16:20
A6D77104	BS-39 (6.0-6.7)	SOIL	11/10/2006	10:15	11/16/2006	16:20
A6D77105	MW-BS39	WATER	11/15/2006	15:30	11/16/2006	16:20
A6D77106	MW-BS39	WATER	11/15/2006	16:20	11/16/2006	16:20
A6D77101	Trip Blank	WATER	11/15/2006	06:15	11/16/2006	16:20

METHODS SUMMARY

Job#: A06-D771

STL Project#: NY2A8951.6
Site Name: LaBella Associates

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
METHOD 8081 - TCL PESTICIDES	SW8463 8081
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082
Aluminum - Total	SW8463 6010
Antimony - Total	SW8463 6010
Arsenic - Total	SW8463 6010
Arsenic - Total	SW8463 6020
Barium - Total	SW8463 6010
Beryllium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Calcium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Cobalt - Total	SW8463 6010
Copper - Total	SW8463 6010
Iron - Total	SW8463 6010
Lead - Total	SW8463 6010
Lead - Total	SW8463 6020
Magnesium - Total	SW8463 6010
Manganese - Total	SW8463 6010
Mercury - Total	SW8463 7470
Mercury - Total	SW8463 7471
Nickel - Total	SW8463 6010
Potassium - Total	SW8463 6010
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Sodium - Total	SW8463 6010
Thallium - Total	SW8463 6010
Vanadium - Total	SW8463 6010
Zinc - Total	SW8463 6010

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A06-D771

STL Project#: NY2A8951.6
Site Name: LaBella Associates

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-D771
Sample Cooler(s) were received at the following temperature(s); 4.1 °C
All samples were received in good condition.

GC/MS Volatile Data

Initial calibration standard curve A6I0002149-1 exhibited a percent Relative Standard Deviation (%RSD) of greater than 15% for several compounds. However, the overall mean RSD of all compounds is 10.47%.

Initial calibration standard curve A6I0002155-1 exhibited a percent Relative Standard Deviation (%RSD) of greater than 15% for the compound Methylene Chloride and the surrogate 1,2-Dichloroethane-D4. However, the overall mean RSD of all compounds is 7.75%.

Initial calibration standard curve A6I0002152-1 exhibited a percent Relative Standard Deviation (%RSD) of greater than 15% for compounds Bromomethane, Methylene Chloride and 1,2,4-Trichlorbenzene. However, the overall mean RSD of all compounds is 5.61%.

All water samples were preserved to a pH less than 2.

The analytes Acetone, Bromodichloromethane and Chloroform were detected in the Trip Blank at a level above the reporting limit. The analyte Dibromochloromethane was detected in the Trip Blank at a level below the project established reporting limit. Bromodichloromethane, Chloroform and Dibromochloromethane were not detected in any of the associated samples.

GC/MS Semivolatile Data

The surrogate recovery for 2,4,6-Tribromophenol was below the laboratory quality control limits for sample BS-37 (6.0-7.7). Based on the laboratory SOP, one surrogate in either fraction (base/neutral or acid fraction) may have a recovery outside of the control limit.

Linear regression was used to calibrate analytes that were greater than 15% RSD in the initial calibration curves A6I0002178, A6I0002179 and A6I0002181.

The chromatographic peaks for Benzo(b)fluoranthene and Benzo(k)fluoranthene could not be resolved for sample BS-37 (6.0-7.7) due to the sample matrix. The final value is reported as Benzo(b)fluoranthene in this data package but should be considered an and/or value for both compounds.

GC Extractable Data

No deviations from protocol were encountered during the analytical procedures.

Metals Data

The recoveries of sample BS-37 (6.0-7.7) Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Antimony, Arsenic, Beryllium, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Nickel, Potassium, Selenium, Silver, Sodium Thallium, Vanadium, and Zinc. Sample matrix is suspect. The RPD of sample BS-37 (6.0-7.7) Matrix Spike and Matrix Spike exceeded the quality control limits for Beryllium, Iron, Potassium, Sodium, and Zinc. However, the LCS was acceptable.

The recoveries of sample BS37 (6.0-7.7) Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Aluminum, Barium, Calcium, Magnesium, and Manganese. The sample result is more than four times greater than the spike added. The RPD of sample BS37 (6.0-7.7) Matrix Spike and Matrix Spike Duplicate exceeded the quality control limits for Manganese. The LCS is acceptable.

The recoveries of sample BS-37 (6.0-7.7) exceeded the quality control limits for Aluminum, Calcium, and Manganese. However, the LCS was acceptable.

The Serial Dilution of sample BS-37 (6.0-7.7) exceeded the quality control limits for Aluminum, Barium, Beryllium, Cadmium, Calcium, Chromium, Cobalt, Iron, Magnesium, Manganese, and Vanadium. However, the LCS was acceptable.

****

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
BS-37 (6.0-7.7)	A6D77102	Aluminum - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Antimony - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Arsenic - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Barium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Beryllium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Cadmium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Calcium - Total	10.00	008
BS-37 (6.0-7.7)	A6D77102	Chromium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Cobalt - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Copper - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Iron - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Lead - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Magnesium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Manganese - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Nickel - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Potassium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Selenium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Silver - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Sodium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Thallium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Vanadium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102	Zinc - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Aluminum - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Antimony - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Arsenic - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Barium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Beryllium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Cadmium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Calcium - Total	10.00	008
BS-37 (6.0-7.7)	A6D77102MS	Chromium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Cobalt - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Copper - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Iron - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Lead - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Magnesium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Manganese - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Nickel - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Potassium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Selenium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Silver - Total	10.00	002

Dilution Code Definition:

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

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
BS-37 (6.0-7.7)	A6D77102MS	Sodium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Thallium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Vanadium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102MS	Zinc - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Aluminum - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Antimony - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Arsenic - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Barium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Beryllium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Cadmium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Calcium - Total	10.00	008
BS-37 (6.0-7.7)	A6D77102SD	Chromium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Cobalt - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Copper - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Iron - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Lead - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Magnesium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Manganese - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Nickel - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Potassium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Selenium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Silver - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Sodium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Thallium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Vanadium - Total	10.00	002
BS-37 (6.0-7.7)	A6D77102SD	Zinc - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Aluminum - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Antimony - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Arsenic - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Barium - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Beryllium - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Cadmium - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Calcium - Total	10.00	008
BS-38 (6.0-7.1)	A6D77103	Chromium - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Cobalt - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Copper - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Iron - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Lead - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Magnesium - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Manganese - Total	10.00	002

Dilution Code Definition:

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

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
BS-38 (6.0-7.1)	A6D77103	Nickel - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Potassium - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Selenium - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Silver - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Sodium - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Thallium - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Vanadium - Total	10.00	002
BS-38 (6.0-7.1)	A6D77103	Zinc - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Aluminum - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Antimony - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Arsenic - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Barium - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Beryllium - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Cadmium - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Calcium - Total	10.00	008
BS-39 (6.0-6.7)	A6D77104	Chromium - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Cobalt - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Copper - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Iron - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Lead - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Magnesium - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Manganese - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Nickel - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Potassium - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Selenium - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Silver - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Sodium - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Thallium - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Vanadium - Total	10.00	002
BS-39 (6.0-6.7)	A6D77104	Zinc - Total	10.00	002
MW-BS39	A6D77105	Sodium - Total	5.00	008
MW-BS39	A6D77106	8260	2.00	003

Dilution Code Definition:

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

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
BS-37 (6.0-7.7)	A6D77102	SW8463	SW8463	-	SW8463	SW8463	-	-
BS-38 (6.0-7.1)	A6D77103	SW8463	SW8463	-	SW8463	SW8463	-	-
BS-39 (6.0-6.7)	A6D77104	SW8463	SW8463	-	SW8463	SW8463	-	-
MW-BS39	A6D77106	SW8463	SW8463	-	SW8463	SW8463	-	-

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
BS-37 (6.0-7.7)	SOIL	11/10/2006	11/16/2006	-	11/21/2006
BS-38 (6.0-7.1)	SOIL	11/10/2006	11/16/2006	-	11/21/2006
BS-39 (6.0-6.7)	SOIL	11/10/2006	11/16/2006	-	11/21/2006
MW-BS39	WATER	11/15/2006	11/16/2006	-	11/22/2006

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
B\N-A ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
BS-37 (6.0-7.7)	SOIL	11/10/2006	11/16/2006	11/24/2006	11/28/2006
BS-38 (6.0-7.1)	SOIL	11/10/2006	11/16/2006	11/24/2006	11/28/2006
BS-39 (6.0-6.7)	SOIL	11/10/2006	11/16/2006	11/24/2006	11/28/2006
MW-BS39	WATER	11/15/2006	11/16/2006	11/18/2006	11/24/2006

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
BS-37 (6.0-7.7)	SOIL	11/10/2006	11/16/2006	11/24/2006	11/25/2006
BS-38 (6.0-7.1)	SOIL	11/10/2006	11/16/2006	11/24/2006	11/25/2006
BS-39 (6.0-6.7)	SOIL	11/10/2006	11/16/2006	11/24/2006	11/25/2006
MW-BS39	WATER	11/15/2006	11/16/2006	11/20/2006	11/21/2006

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYTICAL SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	METALS REQUESTED	DATE RECEIVED AT LAB	DATE DIGESTED	DATE ANALYZED
BS-37 (6.0-7.7)	SOIL	TAL ME	11/16/2006	11/21/2006	11/21-11/22/2006
BS-38 (6.0-7.1)	SOIL	TAL ME	11/16/2006	11/21/2006	11/21-11/22/2006
BS-39 (6.0-6.7)	SOIL	TAL ME	11/16/2006	11/21/2006	11/21-11/22/2006
MW-BS39	WATER	TAL ME	11/16/2006	11/20/2006	11/20-11/22/2006

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
BS-37 (6.0-7.7)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
BS-38 (6.0-7.1)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
BS-39 (6.0-6.7)	SOIL	SW8463	SONC	AS REQUIRED	AS REQUIRED
MW-BS39	WATER	SW8463	SEPF	AS REQUIRED	AS REQUIRED

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

LABORATORY SAMPLE CODE	MATRIX	ANALYTICAL PROTOCOL	DIGESTION PROCEDURE	MATRIX MODIFIER	DIL/CONC FACTOR
BS-37 (6.0-7.7)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-38 (6.0-7.1)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
BS-39 (6.0-6.7)	SOIL	SW8463	SW8463	AS REQUIRED	AS REQUIRED
MW-BS39	WATER	SW8463	SW8463	AS REQUIRED	AS REQUIRED

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.
'	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.

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-37 (6.0-7.7)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77102

Sample wt/vol: 5.14 (g/mL) G Lab File ID: P5303.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: not dec. 9 Heated Purge: Y Date Analyzed: 11/21/2006

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
67-64-1	Acetone	13	J
71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	27	U
75-15-0	Carbon Disulfide	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	5	U
110-82-7	Cyclohexane	5	U
106-93-4	1,2-Dibromoethane	5	U
124-48-1	Dibromochloromethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	27	U
98-82-8	Isopropylbenzene	5	U
79-20-9	Methyl acetate	5	U
108-87-2	Methylcyclohexane	5	U
75-09-2	Methylene chloride	16	

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-37 (6.0-7.7)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77102

Sample wt/vol: 5.14 (g/mL) G Lab File ID: P5303.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: not dec. 9 Heated Purge: Y Date Analyzed: 11/21/2006

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
108-10-1	4-Methyl-2-pentanone	27	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl chloride	11	U
1330-20-7	Total Xylenes	16	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-37 (6.0-7.7)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77102

Sample wt/vol: 5.14 (g/mL) G Lab File ID: P5303.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: not dec. 8.8 Date Analyzed: 11/21/2006

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

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

Number TICs found: 6 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	ETHYLNAPHTHALENE ISOMER	14.98	33	J
2.	DIMETHYLNAPHTHALENE ISOMER	15.74	41	J
3.	DIMETHYLNAPHTHALENE ISOMER	16.66	57	J
4.	DIMETHYLNAPHTHALENE ISOMER	17.86	15	J
5. 259-79-0	BIPHENYLENE	18.99	26	JN
6.	METHYLNAPHTHALENE ISOMER	22.55	10	J

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-38 (6.0-7.1)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77103

Sample wt/vol: 5.11 (g/mL) G Lab File ID: P5304.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: not dec. 3 Heated Purge: Y Date Analyzed: 11/21/2006

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
67-64-1	Acetone	25	U
71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	25	U
75-15-0	Carbon Disulfide	5	U
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	5	U
110-82-7	Cyclohexane	5	U
106-93-4	1,2-Dibromoethane	5	U
124-48-1	Dibromochloromethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	25	U
98-82-8	Isopropylbenzene	5	U
79-20-9	Methyl acetate	5	U
108-87-2	Methylcyclohexane	5	U
75-09-2	Methylene chloride	10	

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-38 (6.0-7.1)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77103

Sample wt/vol: 5.11 (g/mL) G Lab File ID: P5304.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: not dec. 3 Heated Purge: Y Date Analyzed: 11/21/2006

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
108-10-1	4-Methyl-2-pentanone	25	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl chloride	10	U
1330-20-7	Total Xylenes	15	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-38 (6.0-7.1)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77103

Sample wt/vol: 5.11 (g/mL) G Lab File ID: P5304.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: not dec. 2.6 Date Analyzed: 11/21/2006

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

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-39 (6.0-6.7)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77104

Sample wt/vol: 5.13 (g/mL) G Lab File ID: P5305.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: not dec. 5 Heated Purge: Y Date Analyzed: 11/21/2006

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
67-64-1	Acetone	8	J
71-43-2	Benzene	5	U
75-27-4	Bromodichloromethane	5	U
75-25-2	Bromoform	5	U
74-83-9	Bromomethane	5	U
78-93-3	2-Butanone	26	U
75-15-0	Carbon Disulfide	1	J
56-23-5	Carbon Tetrachloride	5	U
108-90-7	Chlorobenzene	5	U
75-00-3	Chloroethane	5	U
67-66-3	Chloroform	5	U
74-87-3	Chloromethane	5	U
110-82-7	Cyclohexane	5	U
106-93-4	1,2-Dibromoethane	5	U
124-48-1	Dibromochloromethane	5	U
96-12-8	1,2-Dibromo-3-chloropropane	5	U
95-50-1	1,2-Dichlorobenzene	5	U
541-73-1	1,3-Dichlorobenzene	5	U
106-46-7	1,4-Dichlorobenzene	5	U
75-71-8	Dichlorodifluoromethane	5	U
75-34-3	1,1-Dichloroethane	5	U
107-06-2	1,2-Dichloroethane	5	U
75-35-4	1,1-Dichloroethene	5	U
156-59-2	cis-1,2-Dichloroethene	5	U
156-60-5	trans-1,2-Dichloroethene	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
100-41-4	Ethylbenzene	5	U
591-78-6	2-Hexanone	26	U
98-82-8	Isopropylbenzene	5	U
79-20-9	Methyl acetate	5	U
108-87-2	Methylcyclohexane	5	U
75-09-2	Methylene chloride	13	

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-39 (6.0-6.7)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77104

Sample wt/vol: 5.13 (g/mL) G Lab File ID: P5305.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: not dec. 5 Heated Purge: Y Date Analyzed: 11/21/2006

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
108-10-1	4-Methyl-2-pentanone	26	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	5	U
100-42-5	Styrene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
127-18-4	Tetrachloroethene	5	U
108-88-3	Toluene	5	U
120-82-1	1,2,4-Trichlorobenzene	5	U
71-55-6	1,1,1-Trichloroethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5	U
75-69-4	Trichlorofluoromethane	5	U
79-01-6	Trichloroethene	5	U
75-01-4	Vinyl chloride	10	U
1330-20-7	Total Xylenes	15	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-39 (6.0-6.7)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77104

Sample wt/vol: 5.13 (g/mL) G Lab File ID: P5305.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: not dec. 5.3 Date Analyzed: 11/21/2006

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

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BS39

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D77106

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q6765.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/22/2006

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 2.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
67-64-1	Acetone	7.0	J
71-43-2	Benzene	2.0	U
75-27-4	Bromodichloromethane	2.0	U
75-25-2	Bromoform	2.0	U
74-83-9	Bromomethane	2.0	U
78-93-3	2-Butanone	10	U
75-15-0	Carbon Disulfide	1.2	J
56-23-5	Carbon Tetrachloride	2.0	U
108-90-7	Chlorobenzene	2.0	U
75-00-3	Chloroethane	2.0	U
67-66-3	Chloroform	2.0	U
74-87-3	Chloromethane	2.0	U
110-82-7	Cyclohexane	2.0	U
106-93-4	1,2-Dibromoethane	2.0	U
124-48-1	Dibromochloromethane	2.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	U
75-71-8	Dichlorodifluoromethane	2.0	U
75-34-3	1,1-Dichloroethane	2.0	U
107-06-2	1,2-Dichloroethane	2.0	U
75-35-4	1,1-Dichloroethene	2.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	U
78-87-5	1,2-Dichloropropane	2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	U
100-41-4	Ethylbenzene	2.0	U
591-78-6	2-Hexanone	10	U
98-82-8	Isopropylbenzene	2.0	U
79-20-9	Methyl acetate	2.0	U
108-87-2	Methylcyclohexane	2.0	U
75-09-2	Methylene chloride	1.7	BJ

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BS39

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D77106

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q6765.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/22/2006

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 2.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-10-1	4-Methyl-2-pentanone	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	2.0	U
100-42-5	Styrene	2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	U
127-18-4	Tetrachloroethene	2.0	U
108-88-3	Toluene	2.0	U
120-82-1	1,2,4-Trichlorobenzene	2.0	U
71-55-6	1,1,1-Trichloroethane	2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	2.0	U
75-69-4	Trichlorofluoromethane	2.0	U
79-01-6	Trichloroethene	2.0	U
75-01-4	Vinyl chloride	2.0	U
1330-20-7	Total Xylenes	6.0	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-BS39

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D77106

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q6765.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Date Analyzed: 11/22/2006

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 2.00

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

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

Trip Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D77101

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N2114.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/20/2006

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/L	Q
67-64-1	Acetone	16	
71-43-2	Benzene	1.0	U
75-27-4	Bromodichloromethane	2.5	
75-25-2	Bromoform	1.0	U
74-83-9	Bromomethane	1.0	U
78-93-3	2-Butanone	5.0	U
75-15-0	Carbon Disulfide	1.0	U
56-23-5	Carbon Tetrachloride	1.0	U
108-90-7	Chlorobenzene	1.0	U
75-00-3	Chloroethane	1.0	U
67-66-3	Chloroform	6.6	
74-87-3	Chloromethane	1.0	U
110-82-7	Cyclohexane	1.0	U
106-93-4	1,2-Dibromoethane	1.0	U
124-48-1	Dibromochloromethane	0.48	J
96-12-8	1,2-Dibromo-3-chloropropane	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
75-71-8	Dichlorodifluoromethane	1.0	U
75-34-3	1,1-Dichloroethane	1.0	U
107-06-2	1,2-Dichloroethane	1.0	U
75-35-4	1,1-Dichloroethene	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	U
78-87-5	1,2-Dichloropropane	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	U
100-41-4	Ethylbenzene	1.0	U
591-78-6	2-Hexanone	5.0	U
98-82-8	Isopropylbenzene	1.0	U
79-20-9	Methyl acetate	1.0	U
108-87-2	Methylcyclohexane	1.0	U
75-09-2	Methylene chloride	1.0	U

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METHOD 8260 - TCL VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

Trip Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D77101

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N2114.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 11/20/2006

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/L	Q
108-10-1	4-Methyl-2-pentanone	5.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
100-42-5	Styrene	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U
127-18-4	Tetrachloroethene	1.0	U
108-88-3	Toluene	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U
75-69-4	Trichlorofluoromethane	1.0	U
79-01-6	Trichloroethene	1.0	U
75-01-4	Vinyl chloride	1.0	U
1330-20-7	Total Xylenes	3.0	U

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METHOD 8260 - TCL VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

Trip Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D77101

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: N2114.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: not dec. _____ Date Analyzed: 11/20/2006

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/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-37 (6.0-7.7)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77102

Sample wt/vol: 30.71 (g/mL) G Lab File ID: W13157.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: 9 decanted: (Y/N) N Date Extracted: 11/24/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	350	U
208-96-8	Acenaphthylene	350	U
98-86-2	Acetophenone	350	U
120-12-7	Anthracene	350	U
1912-24-9	Atrazine	350	U
100-52-7	Benzaldehyde	350	U
56-55-3	Benzo(a)anthracene	66	J
205-99-2	Benzo(b)fluoranthene	90	J
207-08-9	Benzo(k)fluoranthene	350	U
191-24-2	Benzo(ghi)perylene	39	J
50-32-8	Benzo(a)pyrene	46	J
92-52-4	Biphenyl	350	U
111-91-1	Bis(2-chloroethoxy) methane	350	U
111-44-4	Bis(2-chloroethyl) ether	350	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	350	U
117-81-7	Bis(2-ethylhexyl) phthalate	350	U
101-55-3	4-Bromophenyl phenyl ether	350	U
85-68-7	Butyl benzyl phthalate	350	U
105-60-2	Caprolactam	350	U
106-47-8	4-Chloroaniline	350	U
59-50-7	4-Chloro-3-methylphenol	350	U
91-58-7	2-Chloronaphthalene	350	U
95-57-8	2-Chlorophenol	350	U
7005-72-3	4-Chlorophenyl phenyl ether	350	U
86-74-8	Carbazole	350	U
218-01-9	Chrysene	61	J
53-70-3	Dibenzo(a,h)anthracene	350	U
132-64-9	Dibenzofuran	350	U
84-74-2	Di-n-butyl phthalate	350	U
91-94-1	3,3'-Dichlorobenzidine	1700	U
120-83-2	2,4-Dichlorophenol	350	U
84-66-2	Diethyl phthalate	350	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-37 (6.0-7.7)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77102

Sample wt/vol: 30.71 (g/mL) G Lab File ID: W13157.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: 9 decanted: (Y/N) N Date Extracted: 11/24/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	350	U
131-11-3	Dimethyl phthalate	350	U
534-52-1	4,6-Dinitro-2-methylphenol	1700	U
51-28-5	2,4-Dinitrophenol	1700	U
121-14-2	2,4-Dinitrotoluene	350	U
606-20-2	2,6-Dinitrotoluene	350	U
117-84-0	Di-n-octyl phthalate	350	U
206-44-0	Fluoranthene	94	J
86-73-7	Fluorene	350	U
118-74-1	Hexachlorobenzene	350	U
87-68-3	Hexachlorobutadiene	350	U
77-47-4	Hexachlorocyclopentadiene	350	U
67-72-1	Hexachloroethane	350	U
193-39-5	Indeno(1,2,3-cd)pyrene	35	J
78-59-1	Isophorone	350	U
91-57-6	2-Methylnaphthalene	350	U
95-48-7	2-Methylphenol	350	U
106-44-5	4-Methylphenol	350	U
91-20-3	Naphthalene	350	U
88-74-4	2-Nitroaniline	1700	U
99-09-2	3-Nitroaniline	1700	U
100-01-6	4-Nitroaniline	1700	U
98-95-3	Nitrobenzene	350	U
88-75-5	2-Nitrophenol	350	U
100-02-7	4-Nitrophenol	1700	U
86-30-6	N-nitrosodiphenylamine	350	U
621-64-7	N-Nitroso-Di-n-propylamine	350	U
87-86-5	Pentachlorophenol	1700	U
85-01-8	Phenanthrene	46	J
108-95-2	Phenol	350	U
129-00-0	Pyrene	84	J
95-95-4	2,4,5-Trichlorophenol	860	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-37 (6.0-7.7)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77102

Sample wt/vol: 30.71 (g/mL) G Lab File ID: W13157.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: 9 decanted: (Y/N) N Date Extracted: 11/24/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	350	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-37 (6.0-7.7)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77102

Sample wt/vol: 30.71 (g/mL) G Lab File ID: W13157.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: 8.8 decanted: (Y/N) N Date Extracted: 11/24/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-38 (6.0-7.1)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77103

Sample wt/vol: 30.92 (g/mL) G Lab File ID: W13158.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: 3 decanted: (Y/N) N Date Extracted: 11/24/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	330	U
208-96-8	Acenaphthylene	330	U
98-86-2	Acetophenone	330	U
120-12-7	Anthracene	330	U
1912-24-9	Atrazine	330	U
100-52-7	Benzaldehyde	330	U
56-55-3	Benzo(a)anthracene	26	J
205-99-2	Benzo(b)fluoranthene	30	J
207-08-9	Benzo(k)fluoranthene	330	U
191-24-2	Benzo(ghi)perylene	21	J
50-32-8	Benzo(a)pyrene	22	J
92-52-4	Biphenyl	330	U
111-91-1	Bis(2-chloroethoxy) methane	330	U
111-44-4	Bis(2-chloroethyl) ether	330	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	330	U
117-81-7	Bis(2-ethylhexyl) phthalate	84	J
101-55-3	4-Bromophenyl phenyl ether	330	U
85-68-7	Butyl benzyl phthalate	330	U
105-60-2	Caprolactam	330	U
106-47-8	4-Chloroaniline	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-58-7	2-Chloronaphthalene	330	U
95-57-8	2-Chlorophenol	330	U
7005-72-3	4-Chlorophenyl phenyl ether	330	U
86-74-8	Carbazole	330	U
218-01-9	Chrysene	23	J
53-70-3	Dibenzo(a,h)anthracene	330	U
132-64-9	Dibenzofuran	330	U
84-74-2	Di-n-butyl phthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
120-83-2	2,4-Dichlorophenol	330	U
84-66-2	Diethyl phthalate	330	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-38 (6.0-7.1)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77103

Sample wt/vol: 30.92 (g/mL) G Lab File ID: W13158.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: 3 decanted: (Y/N) N Date Extracted: 11/24/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	330	U
131-11-3	Dimethyl phthalate	330	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
51-28-5	2,4-Dinitrophenol	1600	U
121-14-2	2,4-Dinitrotoluene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
117-84-0	Di-n-octyl phthalate	330	U
206-44-0	Fluoranthene	30	J
86-73-7	Fluorene	330	U
118-74-1	Hexachlorobenzene	330	U
87-68-3	Hexachlorobutadiene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
67-72-1	Hexachloroethane	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	17	J
78-59-1	Isophorone	330	U
91-57-6	2-Methylnaphthalene	330	U
95-48-7	2-Methylphenol	330	U
106-44-5	4-Methylphenol	330	U
91-20-3	Naphthalene	330	U
88-74-4	2-Nitroaniline	1600	U
99-09-2	3-Nitroaniline	1600	U
100-01-6	4-Nitroaniline	1600	U
98-95-3	Nitrobenzene	330	U
88-75-5	2-Nitrophenol	330	U
100-02-7	4-Nitrophenol	1600	U
86-30-6	N-nitrosodiphenylamine	330	U
621-64-7	N-Nitroso-Di-n-propylamine	330	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	17	J
108-95-2	Phenol	330	U
129-00-0	Pyrene	29	J
95-95-4	2,4,5-Trichlorophenol	800	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-38 (6.0-7.1)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77103

Sample wt/vol: 30.92 (g/mL) G Lab File ID: W13158.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: 3 decanted: (Y/N) N Date Extracted: 11/24/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	330	U

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TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-38 (6.0-7.1)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77103

Sample wt/vol: 30.92 (g/mL) G Lab File ID: W13158.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: 2.6 decanted: (Y/N) N Date Extracted: 11/24/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

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Client No.

BS-39 (6.0-6.7)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77104

Sample wt/vol: 30.77 (g/mL) G Lab File ID: W13159.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: 5 decanted: (Y/N) N Date Extracted: 11/24/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	340	U
208-96-8	Acenaphthylene	340	U
98-86-2	Acetophenone	340	U
120-12-7	Anthracene	340	U
1912-24-9	Atrazine	340	U
100-52-7	Benzaldehyde	340	U
56-55-3	Benzo(a)anthracene	340	U
205-99-2	Benzo(b)fluoranthene	340	U
207-08-9	Benzo(k)fluoranthene	340	U
191-24-2	Benzo(ghi)perylene	340	U
50-32-8	Benzo(a)pyrene	340	U
92-52-4	Biphenyl	340	U
111-91-1	Bis(2-chloroethoxy) methane	340	U
111-44-4	Bis(2-chloroethyl) ether	340	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	340	U
117-81-7	Bis(2-ethylhexyl) phthalate	340	U
101-55-3	4-Bromophenyl phenyl ether	340	U
85-68-7	Butyl benzyl phthalate	340	U
105-60-2	Caprolactam	340	U
106-47-8	4-Chloroaniline	340	U
59-50-7	4-Chloro-3-methylphenol	340	U
91-58-7	2-Chloronaphthalene	340	U
95-57-8	2-Chlorophenol	340	U
7005-72-3	4-Chlorophenyl phenyl ether	340	U
86-74-8	Carbazole	340	U
218-01-9	Chrysene	340	U
53-70-3	Dibenzo(a,h)anthracene	340	U
132-64-9	Dibenzofuran	340	U
84-74-2	Di-n-butyl phthalate	340	U
91-94-1	3,3'-Dichlorobenzidine	1600	U
120-83-2	2,4-Dichlorophenol	340	U
84-66-2	Diethyl phthalate	340	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-39 (6.0-6.7)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77104

Sample wt/vol: 30.77 (g/mL) G Lab File ID: W13159.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: 5 decanted: (Y/N) N Date Extracted: 11/24/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
105-67-9	2,4-Dimethylphenol	340	U
131-11-3	Dimethyl phthalate	340	U
534-52-1	4,6-Dinitro-2-methylphenol	1600	U
51-28-5	2,4-Dinitrophenol	1600	U
121-14-2	2,4-Dinitrotoluene	340	U
606-20-2	2,6-Dinitrotoluene	340	U
117-84-0	Di-n-octyl phthalate	340	U
206-44-0	Fluoranthene	340	U
86-73-7	Fluorene	340	U
118-74-1	Hexachlorobenzene	340	U
87-68-3	Hexachlorobutadiene	340	U
77-47-4	Hexachlorocyclopentadiene	340	U
67-72-1	Hexachloroethane	340	U
193-39-5	Indeno(1,2,3-cd)pyrene	340	U
78-59-1	Isophorone	340	U
91-57-6	2-Methylnaphthalene	340	U
95-48-7	2-Methylphenol	340	U
106-44-5	4-Methylphenol	340	U
91-20-3	Naphthalene	340	U
88-74-4	2-Nitroaniline	1600	U
99-09-2	3-Nitroaniline	1600	U
100-01-6	4-Nitroaniline	1600	U
98-95-3	Nitrobenzene	340	U
88-75-5	2-Nitrophenol	340	U
100-02-7	4-Nitrophenol	1600	U
86-30-6	N-nitrosodiphenylamine	340	U
621-64-7	N-Nitroso-Di-n-propylamine	340	U
87-86-5	Pentachlorophenol	1600	U
85-01-8	Phenanthrene	340	U
108-95-2	Phenol	340	U
129-00-0	Pyrene	340	U
95-95-4	2,4,5-Trichlorophenol	820	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

BS-39 (6.0-6.7)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77104

Sample wt/vol: 30.77 (g/mL) G Lab File ID: W13159.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: 5 decanted: (Y/N) N Date Extracted: 11/24/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
88-06-2	2,4,6-Trichlorophenol	340	U

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

BS-39 (6.0-6.7)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77104

Sample wt/vol: 30.77 (g/mL) G Lab File ID: W13159.RR

Level: (low/med) LOW Date Samp/Recv: 11/10/2006 11/16/2006

% Moisture: 5.3 decanted: (Y/N) N Date Extracted: 11/24/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/28/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BS39

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D77105

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V17991.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/18/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (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	10	U
208-96-8	Acenaphthylene	10	U
98-86-2	Acetophenone	10	U
120-12-7	Anthracene	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	50	U
56-55-3	Benzo(a)anthracene	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
191-24-2	Benzo(ghi)perylene	10	U
50-32-8	Benzo(a)pyrene	10	U
92-52-4	Biphenyl	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
85-68-7	Butyl benzyl phthalate	10	U
106-47-8	4-Chloroaniline	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-58-7	2-Chloronaphthalene	10	U
95-57-8	2-Chlorophenol	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
105-60-2	Caprolactam	10	U
86-74-8	Carbazole	10	U
218-01-9	Chrysene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
132-64-9	Dibenzofuran	10	U
84-74-2	Di-n-butyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
120-83-2	2,4-Dichlorophenol	10	U
84-66-2	Diethyl phthalate	10	U

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LABELLA ASSOCIATES
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BS39

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D77105

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V17991.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/18/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (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
105-67-9	2,4-Dimethylphenol	10	U
131-11-3	Dimethyl phthalate	10	U
534-52-1	4,6-Dinitro-2-methylphenol	50	U
51-28-5	2,4-Dinitrophenol	50	U
121-14-2	2,4-Dinitrotoluene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
117-84-0	Di-n-octyl phthalate	10	U
206-44-0	Fluoranthene	10	U
86-73-7	Fluorene	10	U
118-74-1	Hexachlorobenzene	10	U
87-68-3	Hexachlorobutadiene	10	U
77-47-4	Hexachlorocyclopentadiene	45	U
67-72-1	Hexachloroethane	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
78-59-1	Isophorone	10	U
91-57-6	2-Methylnaphthalene	10	U
95-48-7	2-Methylphenol	10	U
106-44-5	4-Methylphenol	10	U
91-20-3	Naphthalene	10	U
88-74-4	2-Nitroaniline	50	U
99-09-2	3-Nitroaniline	50	U
100-01-6	4-Nitroaniline	50	U
98-95-3	Nitrobenzene	10	U
88-75-5	2-Nitrophenol	10	U
100-02-7	4-Nitrophenol	50	U
86-30-6	N-nitrosodiphenylamine	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
108-95-2	Phenol	10	U
129-00-0	Pyrene	10	U
95-95-4	2,4,5-Trichlorophenol	10	U

LABELLA ASSOCIATES
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
ANALYSIS DATA SHEET

Client No.

MW-BS39

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D77105

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V17991.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/18/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (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
88-06-2	2,4,6-Trichlorophenol	10	U

LABELLA ASSOCIATES
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METHOD 8270 - TCL SEMI-VOLATILE ORGANICS
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW-BS39

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D77105

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V17991.RR

Level: (low/med) LOW Date Samp/Recv: 11/15/2006 11/16/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 11/18/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

Number TICs found: 3

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	6.43	9	BJ
2.	UNKNOWN	15.07	10	BJ
3.	UNKNOWN	15.82	16	J

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METHOD 8081 - TCL PESTICIDES
ANALYSIS DATA SHEET

Client No.

MW-BS39

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D77105

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 5A10141.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 11/15/2006 11/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/22/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/24/2006

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
309-00-2	Aldrin	0.050	U
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
319-86-8	delta-BHC	0.050	
72-54-8	4,4'-DDD	0.050	U
72-55-9	4,4'-DDE	0.050	U
50-29-3	4,4'-DDT	0.049	J
60-57-1	Dieldrin	0.050	U
959-98-8	Endosulfan I	0.050	U
33213-65-9	Endosulfan II	0.050	U
1031-07-8	Endosulfan Sulfate	0.050	U
72-20-8	Endrin	0.050	U
7421-93-4	Endrin aldehyde	0.050	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
76-44-8	Heptachlor	0.097	
1024-57-3	Heptachlor epoxide	0.050	U
72-43-5	Methoxychlor	0.050	U
8001-35-2	Toxaphene	1.0	U
53494-70-5	Endrin ketone	0.050	U

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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

BS-37 (6.0-7.7)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77102

Sample wt/vol: 30.26 (g/mL) G Lab File ID: 19A82118.TX0

% Moisture: 9 decanted: (Y/N) N Date Samp/Recv: 11/10/2006 11/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 11/24/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/25/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	18	U
11104-28-2	Aroclor 1221	18	U
11141-16-5	Aroclor 1232	18	U
53469-21-9	Aroclor 1242	18	U
12672-29-6	Aroclor 1248	18	U
11097-69-1	Aroclor 1254	18	U
11096-82-5	Aroclor 1260	18	U

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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

BS-38 (6.0-7.1)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77103

Sample wt/vol: 30.95 (g/mL) G Lab File ID: 19A82119.TX0

% Moisture: 3 decanted: (Y/N) N Date Samp/Recv: 11/10/2006 11/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 11/24/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/25/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	16	U
11104-28-2	Aroclor 1221	16	U
11141-16-5	Aroclor 1232	16	U
53469-21-9	Aroclor 1242	16	U
12672-29-6	Aroclor 1248	16	U
11097-69-1	Aroclor 1254	16	U
11096-82-5	Aroclor 1260	16	U

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METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

BS-39 (6.0-6.7)

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) SOIL Lab Sample ID: A6D77104

Sample wt/vol: 30.34 (g/mL) G Lab File ID: 19A82120.TX0

% Moisture: 5 decanted: (Y/N) N Date Samp/Recv: 11/10/2006 11/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SONC Date Extracted: 11/24/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/25/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: _ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor 1016	17	U
11104-28-2	Aroclor 1221	17	U
11141-16-5	Aroclor 1232	17	U
53469-21-9	Aroclor 1242	17	U
12672-29-6	Aroclor 1248	17	U
11097-69-1	Aroclor 1254	17	U
11096-82-5	Aroclor 1260	17	U

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8082 - POLYCHLORINATED BIPHENYLS
ANALYSIS DATA SHEET

Client No.

MW-BS39

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6D77105

Sample wt/vol: 1000.00 (g/mL) ML Lab File ID: 19A82011.TX0

% Moisture: _____ decanted: (Y/N) N Date Samp/Recv: 11/15/2006 11/16/2006

Extraction: (SepF/Cont/Sonc/Soxh): SEPF Date Extracted: 11/20/2006

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.00 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor 1016	0.50	U
11104-28-2	Aroclor 1221	0.50	U
11141-16-5	Aroclor 1232	0.50	U
53469-21-9	Aroclor 1242	0.50	U
12672-29-6	Aroclor 1248	0.50	U
11097-69-1	Aroclor 1254	0.50	U
11096-82-5	Aroclor 1260	0.50	U

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LaBella Associates

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INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates **SDG No.:** A06-D771 **Method Type:**

Sample ID: A6D77102 **Client ID:** BS-37 (6.0-7.7)

Matrix: SOIL **Date Received:** 11/16/2006 **Date Collected:** 11/10/2006 **Level:** LOW

% Solids: 91 **Sample Wt/Vol:** 0.6 **Final Vol:** 50.0

Prep Batch ID: A6B30542 **Prep Date:** 11/21/2006

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**54700**	**mg/Kg**		**E**	**97.7**	97.7	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Antimony	<	147	mg/Kg	U	N	147	147	10	11/22/2006	22:29	SUPERTRACE	111220x	P
Arsenic		**36.3**	**mg/Kg**		**N**	**19.5**	19.5	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Barium		**368**	**mg/Kg**		**E**	**4.9**	4.9	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Beryllium		**42.6**	**mg/Kg**		**NE***	**2.0**	2.0	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Cadmium		**32.0**	**mg/Kg**		**NE**	**2.0**	2.0	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Calcium		**251000**	**mg/Kg**		**E**	**488**	488	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Chromium		**37.8**	**mg/Kg**		**NE**	**4.9**	4.9	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Cobalt		**31.8**	**mg/Kg**		**NE**	**4.9**	4.9	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Copper		**33.6**	**mg/Kg**		**N**	**9.8**	9.8	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Iron		**6080**	**mg/Kg**		**NE***	**97.7**	97.7	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Lead		**35.4**	**mg/Kg**		**N**	**9.8**	9.8	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Magnesium		**13100**	**mg/Kg**		**E**	**195**	195	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Manganese		**4460**	**mg/Kg**		**E***	**2.0**	2.0	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Nickel		**32.5**	**mg/Kg**		**N**	**4.9**	4.9	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Potassium		**4260**	**mg/Kg**		**N***	**293**	293	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Selenium		**45.3**	**mg/Kg**		**N***	**39.1**	39.1	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Silver		**7.8**	**mg/Kg**		**N**	**4.9**	4.9	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Mercury	<	0.020	mg/Kg	U		0.020	0.020	1	11/21/2006	11:45:36	LEEMAN PS2	L21121Sx	CV
Sodium		**3080**	**mg/Kg**		**N***	**1370**	1370	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Thallium	<	58.6	mg/Kg	U	N	58.6	58.6	10	11/22/2006	22:29	SUPERTRACE	111220x	P
Vanadium		**52.0**	**mg/Kg**		**NE***	**4.9**	4.9	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P
Zinc		**38.3**	**mg/Kg**		**N**	**9.8**	9.8	**10**	**11/22/2006**	**22:29**	SUPERTRACE	111220x	P

Comments:

STL BUFFALO

LaBella Associates

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INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates **SDG No.:** A06-D771 **Method Type:**

Sample ID: A6D77103 **Client ID:** BS-38 (6.0-7.1)

Matrix: SOIL **Date Received:** 11/16/2006 **Date Collected:** 11/10/2006 **Level:** LOW

% Solids: 97 **Sample Wt/Vol:** 0.6 **Final Vol:** 50.0

Prep Batch ID: A6B30542 **Prep Date:** 11/21/2006

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**951**	**mg/Kg**		**E**	**90.2**	90.2	**10**	**11/22/2006**	**22:54**	SUPERTRACE	111220x	P
Antimony	<	135	mg/Kg	U	N	135	135	10	11/22/2006	22:54	SUPERTRACE	111220x	P
Arsenic	<	18.0	mg/Kg	U	N	18.0	18.0	10	11/22/2006	22:54	SUPERTRACE	111220x	P
Barium		**11.6**	**mg/Kg**		**E**	**4.5**	4.5	**10**	**11/22/2006**	**22:54**	SUPERTRACE	111220x	P
Beryllium	<	1.8	mg/Kg	U	NE*	1.8	1.8	10	11/22/2006	22:54	SUPERTRACE	111220x	P
Cadmium	<	1.8	mg/Kg	U	NE	1.8	1.8	10	11/22/2006	22:54	SUPERTRACE	111220x	P
Calcium		**342000**	**mg/Kg**		**E**	**451**	451	**10**	**11/22/2006**	**22:54**	SUPERTRACE	111220x	P
Chromium	<	4.5	mg/Kg	U	NE	4.5	4.5	10	11/22/2006	22:54	SUPERTRACE	111220x	P
Cobalt	<	4.5	mg/Kg	U	NE	4.5	4.5	10	11/22/2006	22:54	SUPERTRACE	111220x	P
Copper	<	9.0	mg/Kg	U	N	9.0	9.0	10	11/22/2006	22:54	SUPERTRACE	111220x	P
Iron		**2980**	**mg/Kg**		**NE***	**90.2**	90.2	**10**	**11/22/2006**	**22:54**	SUPERTRACE	111220x	P
Lead		**11.4**	**mg/Kg**		**N**	**9.0**	9.0	**10**	**11/22/2006**	**22:54**	SUPERTRACE	111220x	P
Magnesium		**6790**	**mg/Kg**		**E**	**180**	180	**10**	**11/22/2006**	**22:54**	SUPERTRACE	111220x	P
Manganese		**150**	**mg/Kg**		**E***	**1.8**	1.8	**10**	**11/22/2006**	**22:54**	SUPERTRACE	111220x	P
Nickel	<	4.5	mg/Kg	U	N	4.5	4.5	10	11/22/2006	22:54	SUPERTRACE	111220x	P
Potassium	<	271	mg/Kg	U	N*	271	271	10	11/22/2006	22:54	SUPERTRACE	111220x	P
Selenium	<	36.1	mg/Kg	U	N*	36.1	36.1	10	11/22/2006	22:54	SUPERTRACE	111220x	P
Silver	<	4.5	mg/Kg	U	N	4.5	4.5	10	11/22/2006	22:54	SUPERTRACE	111220x	P
Mercury		**0.106**	**mg/Kg**			**0.018**	0.018	**1**	**11/21/2006**	**11:47:11**	LEEMAN PS2	L21121Sx	CV
Sodium	<	1260	mg/Kg	U	N*	1260	1260	10	11/22/2006	22:54	SUPERTRACE	111220x	P
Thallium	<	54.1	mg/Kg	U	N	54.1	54.1	10	11/22/2006	22:54	SUPERTRACE	111220x	P
Vanadium	<	4.5	mg/Kg	U	NE*	4.5	4.5	10	11/22/2006	22:54	SUPERTRACE	111220x	P
Zinc		**25.3**	**mg/Kg**		**N**	**9.0**	9.0	**10**	**11/22/2006**	**22:54**	SUPERTRACE	111220x	P

Comments:

STL BUFFALO

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates **SDG No.:** A06-D771 **Method Type:**

Sample ID: A6D77104 **Client ID:** BS-39 (6.0-6.7)

Matrix: SOIL **Date Received:** 11/16/2006 **Date Collected:** 11/10/2006 **Level:** LOW

% Solids: 95 **Sample Wt/Vol:** 0.5 **Final Vol:** 50.0

Prep Batch ID: A6B30542 **Prep Date:** 11/21/2006

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Time	Instrument	Run	M
Aluminum		**44400**	**mg/Kg**		**E**	**101**	101	**10**	**11/22/2006**	**22:59**	SUPERTRACE	111220x	P
Antimony	<	151	mg/Kg	U	N	151	151	10	11/22/2006	22:59	SUPERTRACE	111220x	P
Arsenic	<	20.1	mg/Kg	U	N	20.1	20.1	10	11/22/2006	22:59	SUPERTRACE	111220x	P
Barium		**269**	**mg/Kg**		**E**	**5.0**	5.0	**10**	**11/22/2006**	**22:59**	SUPERTRACE	111220x	P
Beryllium		**4.2**	**mg/Kg**		**NE***	**2.0**	2.0	**10**	**11/22/2006**	**22:59**	SUPERTRACE	111220x	P
Cadmium	<	2.0	mg/Kg	U	NE	2.0	2.0	10	11/22/2006	22:59	SUPERTRACE	111220x	P
Calcium		**202000**	**mg/Kg**		**E**	**503**	503	**10**	**11/22/2006**	**22:59**	SUPERTRACE	111220x	P
Chromium	<	5.0	mg/Kg	U	NE	5.0	5.0	10	11/22/2006	22:59	SUPERTRACE	111220x	P
Cobalt	<	5.0	mg/Kg	U	NE	5.0	5.0	10	11/22/2006	22:59	SUPERTRACE	111220x	P
Copper	<	10.1	mg/Kg	U	N	10.1	10.1	10	11/22/2006	22:59	SUPERTRACE	111220x	P
Iron		**4780**	**mg/Kg**		**NE***	**101**	101	**10**	**11/22/2006**	**22:59**	SUPERTRACE	111220x	P
Lead	<	10.1	mg/Kg	U	N	10.1	10.1	10	11/22/2006	22:59	SUPERTRACE	111220x	P
Magnesium		**28600**	**mg/Kg**		**E**	**201**	201	**10**	**11/22/2006**	**22:59**	SUPERTRACE	111220x	P
Manganese		**422**	**mg/Kg**		**E***	**2.0**	2.0	**10**	**11/22/2006**	**22:59**	SUPERTRACE	111220x	P
Nickel	<	5.0	mg/Kg	U	N	5.0	5.0	10	11/22/2006	22:59	SUPERTRACE	111220x	P
Potassium		**7060**	**mg/Kg**		**N***	**302**	302	**10**	**11/22/2006**	**22:59**	SUPERTRACE	111220x	P
Selenium	<	40.2	mg/Kg	U	N*	40.2	40.2	10	11/22/2006	22:59	SUPERTRACE	111220x	P
Silver	<	5.0	mg/Kg	U	N	5.0	5.0	10	11/22/2006	22:59	SUPERTRACE	111220x	P
Mercury	<	0.016	mg/Kg	U		0.016	0.016	1	11/21/2006	11:48:24	LEEMAN PS2	L21121Sx	CV
Sodium	<	1410	mg/Kg	U	N*	1410	1410	10	11/22/2006	22:59	SUPERTRACE	111220x	P
Thallium	<	60.4	mg/Kg	U	N	60.4	60.4	10	11/22/2006	22:59	SUPERTRACE	111220x	P
Vanadium		**9.8**	**mg/Kg**		**NE***	**5.0**	5.0	**10**	**11/22/2006**	**22:59**	SUPERTRACE	111220x	P
Zinc	<	10.1	mg/Kg	U	N	10.1	10.1	10	11/22/2006	22:59	SUPERTRACE	111220x	P

Comments:

STL BUFFALO

LaBella Associates

- 1 -

INORGANIC ANALYSIS DATA PACKAGE

Client: LaBella Associates **SDG No.:** A06-D771 **Method Type:**

Sample ID: A6D77105 **Client ID:** MW-BS39

Matrix: WATER **Date Received:** 11/16/2006 **Date Collected:** 11/15/2006 **Level:** LOW

% Solids: **Sample Wt/Vol:** 50.0 **Final Vol:** 50.0

Prep Batch ID: A6B30447 **Prep Date:** 11/20/2006

Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Analytical Date	Analytical Time	Instrument	Run	M
Aluminum		**487**	**ug/L**			**200**	200	**1**	**11/21/2006**	**19:05**	SUPERTRACE	111210x	P
Antimony	<	20.0	ug/L	U		20.0	20.0	1	11/21/2006	19:05	SUPERTRACE	111210x	P
Arsenic		**3.14**	**ug/L**			**1.00**	1.00	**1**	**11/20/2006**	**23:29:22**	ELAN-ICPMS	E112006A	M
Barium		**52.1**	**ug/L**			**2.0**	2.0	**1**	**11/21/2006**	**19:05**	SUPERTRACE	111210x	P
Beryllium	<	2.0	ug/L	U		2.0	2.0	1	11/21/2006	19:05	SUPERTRACE	111210x	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	11/21/2006	19:05	SUPERTRACE	111210x	P
Calcium		**89400**	**ug/L**			**500**	500	**1**	**11/21/2006**	**19:05**	SUPERTRACE	111210x	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	11/21/2006	19:05	SUPERTRACE	111210x	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	11/21/2006	19:05	SUPERTRACE	111210x	P
Copper	<	10.0	ug/L	U		10.0	10.0	1	11/21/2006	19:05	SUPERTRACE	111210x	P
Iron		**1120**	**ug/L**			**50.0**	50.0	**1**	**11/21/2006**	**19:05**	SUPERTRACE	111210x	P
Magnesium		**7660**	**ug/L**			**200**	200	**1**	**11/21/2006**	**19:05**	SUPERTRACE	111210x	P
Manganese		**370**	**ug/L**			**3.0**	3.0	**1**	**11/21/2006**	**19:05**	SUPERTRACE	111210x	P
Nickel	<	10.0	ug/L	U		10.0	10.0	1	11/21/2006	19:05	SUPERTRACE	111210x	P
Potassium		**38500**	**ug/L**			**500**	500	**1**	**11/21/2006**	**19:05**	SUPERTRACE	111210x	P
Selenium	<	15.0	ug/L	U		15.0	15.0	1	11/21/2006	19:05	SUPERTRACE	111210x	P
Silver	<	3.0	ug/L	U		3.0	3.0	1	11/21/2006	19:05	SUPERTRACE	111210x	P
Mercury	<	0.200	ug/L	U		0.200	0.200	1	11/20/2006	14:23:10	LEEMAN PS2	L21120W1	CV
Sodium		**403000**	**ug/L**			**5000**	5000	**5**	**11/22/2006**	**22:19**	SUPERTRACE	111220x	P
Thallium	<	20.0	ug/L	U		20.0	20.0	1	11/21/2006	19:05	SUPERTRACE	111210x	P
Vanadium	<	5.0	ug/L	U		5.0	5.0	1	11/21/2006	19:05	SUPERTRACE	111210x	P
Zinc		**27.3**	**ug/L**			**10.0**	10.0	**1**	**11/21/2006**	**19:05**	SUPERTRACE	111210x	P
Lead		**3.30**	**ug/L**			**1.00**	1.00	**1**	**11/20/2006**	**23:29:22**	ELAN-ICPMS	E112006A	M

Comments:

LABELLA ASSOCIATES
LABELLA ASSOCIATES
METHOD 8260 - TCL VOLATILE ORGANICS
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	MSB27	A6B3058801	97		102		101							0
2	MSB91	A6B3073601	95		96		109							0
3	MW-BS39	A6D77106	90		90		104							0
4	Trip Blank	A6D77101	97		106		102							0
5	VBLK27	A6B3058802	98		104		104							0
6	VBLK91	A6B3073602	89		94		103							0

QC LIMITS

BFB = p-Bromofluorobenzene (73-120)
DCE = 1,2-Dichloroethane-D4 (72-143)
TOL = Toluene-D8 (76-122)

Column to be used to flag recovery values
* Values outside of contract required QC limits
D Surrogates diluted out

STL Buffalo
10 Hazelwood Drive
Suite 106
Amherst, NY 14288
phone 716-691-2600 fax 716-691-7991

Chain of Custody Record

SEVERN TRENT STL

Severn Trent Laboratories, Inc.

Client Contact	Project Manager: Mr. Dennis Porter	Site Contact: Craig A. Stiles	16-Nov-06	COC No:
LaBella Associates, P.C.	Tel/Fax: (585) 454-6110 / 454-3066	Lab Contact: Jason Kikalski	Carrier: Lab Courier	1 of 1 COCs
300 State Street, Suite 201	Analysis Turnaround Time			Job No. 206377 Phase 4
Rochester, New York 14614	Calendar (C) or Work Days (W)			
(585) 454-6110 Phone	TAT if different from Below			SDG No.
(585) 454-3066 FAX	☐ 2 weeks			
Project Name: Port Garage	☒ .Standard			
Site: Port of Rochester, Rochester, NY	☐ 2 days			
P O # 206377 Phases 4	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type	Matrix	# of Cont.	Filtered Sample (Y/N)	TCL VOCs (8260B)	TCL SVOCs (8270C)	PCBs	Pesticides	TAL Metals	Sample Specific Notes:
Trip Blank	10-Nov-06	0615	GW	Water	2	No	X					4°C Preservative + HCl
BS-37 (6.0' - 7.7')	10-Nov-06	0745	Soil	Soil	1	No	X	X	X		X	4°C Preservative
BS-38 (6.0' - 7.1')	10-Nov-06	0900	Soil	Soil	1	No	X	X	X		X	4°C Preservative
BS-39 (6.0' - 6.7')	10-Nov-06	1015	Soil	Soil	1	No	X	X	X		X	4°C Preservative
MW-BS39	15-Nov-06	1530	GW	Water	4	No		X	X	X	X	4°C Preservative + HNO_3 for Metals
MW-BS39	15-Nov-06	1620	GW	Water	2	No	X					HCl Preservative
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____							2	1	1	1	4	

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☒ *Disposal By Lab* ☐ *Archive For* _____ *Months*

Special Instructions/QC Requirements & Comments: **ASP Category B Deliverables**

4.1°C

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Craig A. Stiles	LaBella Associates, P.C.	11/16/06 @1430		STL	11-16-06 16:20
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:

140/2186